

RoHS and Lead-free Information for EPCOS Products
as of February 2005

*) RoHS compatible is defined as compatible with the following documents:

DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment COM (2004) 606 final Proposal for a COUNCIL DECISION amending Directive 2002/95/EC of the European Parliament and of the Council for the purposes of establishing the maximum concentration values for certain hazardous substances in electrical and electronic equipment

Product Family	Product Type	Range of ordering code	RoHS information					Resistance to soldering heat resistance according:				Leadfree soldering information			
			ROHS compatible*)	Planned start of production of RoHS compatible components	3rd party certification available (ICP data)	RoHS compatible since date code or Start of Production	Samples of RoHS compatible components available	IEC 60068-2-20 (wave soldering)	IEC 60068-2-58 (Reflow)	JEDEC 20B (Reflow)	JEDEC 20C (Reflow)	Maximum temperature / peak time / cycles	Backward compatible (lead soldering process) if Pb free terminals	MSL (Jedec 20 B/C)	Plating of terminals of RoHS compatible component
Surface Acoustic Wave Components															
SAW filters															
	Plastic packages	B39*	yes		yes	M1PN	--	yes	yes	--	260°C 20 sec 3 cycl.	yes	1	SnAg	
	Ceramic packages	B39*	yes		yes	SOP	--	yes	yes	--	260°C 20 sec 3 cycl.	yes	1	Ni/Au	
	Chip size packages	B39*	yes		yes	SOP	--	yes	yes	--	260°C 20 sec 3 cycl.	yes	3	Ni/Au	
	CSSP1,5	B39*-K510	yes		yes	SOP	--	yes	yes	--	260°C 20 sec 3 cycl.	yes	3	Ni/Au	
	CSSP1	B39*-A810	no	June 2005	yes		--	yes	yes	--	260°C 20 sec 3 cycl.	yes	3	Ni/Au	
	CSSP1	B39*-A510	no	June 2005	yes		--	yes	yes	--	260°C 20 sec 3 cycl.	yes	3	Ni/Au	
	CSSP1	B39*-A910	no	June 2005	yes		--	yes	yes	--	260°C 20 sec 3 cycl.	yes	3	Ni/Au	
	CSSP1	B39*-B610	no	June 2005	yes		--	yes	yes	--	260°C 20 sec 3 cycl.	yes	3	Ni/Au	
	CSSP1	B39*-C510	no	June 2005	yes		--	yes	yes	--	260°C 20 sec 3 cycl.	yes	3	Ni/Au	
	CSSP1	B39*-C510	no	June 2005	yes		--	yes	yes	--	260°C 20 sec 3 cycl.	yes	3	Ni/Au	
	CSSP1	B39*-D310	no	June 2005	yes		--	yes	yes	--	260°C 20 sec 3 cycl.	yes	3	Ni/Au	
	CSSP1	B39*-D410	no	June 2005	yes		--	yes	yes	--	260°C 20 sec 3 cycl.	yes	3	Ni/Au	
	CSSP1	B39*-D510	no	June 2005	yes		--	yes	yes	--	260°C 20 sec 3 cycl.	yes	3	Ni/Au	
	CSSP1	B39*-D710	no	June 2005	yes		--	yes	yes	--	260°C 20 sec 3 cycl.	yes	3	Ni/Au	
	CSSP1	B39*-D910	no	June 2005	yes		--	yes	yes	--	260°C 20 sec 3 cycl.	yes	3	Ni/Au	
Modules		B30*	yes		yes	SOP	--	yes	yes	--	260°C 20 sec 3 cycl.	yes	3	Ni/Pd/Au	
LTCC	HS-, Automotive Modules	B56***	yes			SOP	no	yes	yes	yes	260°C 10sec 3 cycles	no	n/a	Au	
Microwave Ceramics															
	Filter	B6981*	yes			SOP	no	yes	yes	yes	260°C 10sec 3 cycles	yes	n/a	Sn or Ag	
	Filter	B6984*	no				no	yes	yes	yes	260°C 10sec 3 cycles	yes	n/a	Sn or Ag	
	Filter	B6986*	yes				no	yes	yes	yes	260°C 10sec 3 cycles	yes	n/a	Sn or Ag	
	Antennas	B697*	yes			SOP	no	yes	yes	yes	260°C 10sec 3 cycles	yes	n/a	Sn or Ag	
	Koax	B696*****A	yes			SOP	no	yes	yes	yes	260°C 10sec 3 cycles	yes	n/a	Ag	
	Koax	B696*****B	no	phase out			no	no	no	no	n/a	n/a	n/a	PbSn	
	Dielectric Resonators	B595*	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	none	
	LTCC-components	B6988*	yes			SOP	no	yes	yes	yes	260°C 10sec 3 cycles	yes	n/a	Ag	
	LTCC-components	B6989*	yes			SOP	no	yes	yes	yes	260°C 10sec 3 cycles	yes	n/a	Ag	
Tantalum Electrolytic Capacitors															
MinO2 cathode technology															
	Chip R	SMD B45190*	yes			> PO	no	--	no	no	250°C 30sec. 1 cycl.	yes	1	matte tin	
	Chip W, X	SMD B45192*	yes			> PO	no	--	no	no	250°C 30sec. 1 cycl.	yes	1	matte tin	
	Chip V, U	SMD B45194*	yes			> P7	no	--	no	no	250°C 30sec. 1 cycl.	yes	3	matte tin	
	Chip A, B, C, D, E	SMD B45196*	yes			> PO	no	--	no	no	250°C 30sec. 1 cycl.	yes	1	matte tin	
	Low ESR Series Chip A,B,C,D,E	SMD B45197*	yes			> PO	no	--	no	no	250°C 30sec. 1 cycl.	yes	1	matte tin	
	Gold terminated series, for hybrid technology	SMD B45198*	yes			> PO	no	--	no	no	250°C 30sec. 1 cycl.	yes	1	matte tin	
polymer cathode technology															
	Multi Anode E Case	SMD B45396*	yes			> PO	no	--	no	no	250°C 30sec. 1 cycl.	yes	1	matte tin	
	All case sizes and types	SMD B76*	yes			> S3	no	no	no	no	250°C 20sec. 1 cycl.	yes	3	matte tin	
	Chip X	SMD B45292*	yes			> S3	no	no	no	no	250°C 20sec. 1 cycl.	yes	3	matte tin	
	Chip V	SMD B45294*	yes			> S3	no	no	no	no	250°C 20sec. 1 cycl.	yes	3	matte tin	
	Chip B, C, D, E	SMD B45396*	yes			> S3	no	no	no	no	250°C 20sec. 1 cycl.	yes	3	matte tin	
	Multi Anode E Case	SMD B45469*	yes			> S3	no	no	no	no	250°C 20sec. 1 cycl.	yes	3	matte tin	
Surge Arresters															
	wired	B88*	yes		yes	SOP	yes	yes	test initiated	test initiated	260°C 20 sec 3 cycl.	yes	n/a	matte tin	
	not wired	B88*	yes		yes	SOP	yes	yes	test initiated	test initiated	260°C 20 sec 3 cycl.	yes	n/a	matte tin	
Aluminum Electrolytic Capacitors															
	Axial-lead	B41693*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Axial-lead	B41694*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Axial-lead	B41695*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Axial-lead	B41696*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Axial-lead	B41697*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Axial-lead	B41698*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Axial-lead	B41699*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Axial-lead	B43693*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Axial-lead	B43694*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Axial-lead	B43696*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Axial-lead	B43699*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
			no	June 2006											
	Soldering star	B41793*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Soldering star	B41794*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Soldering star	B41795*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Soldering star	B41796*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Soldering star	B43793*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B41820*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B41821*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B41825*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended*	B41851*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B41852*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B41856*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B41857*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended*	B41858*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B41859*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B41866*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended*	B41867*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B41868*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B41886*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	

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Product Family	Product Type	Range of ordering code	RoHS information					Leadfree soldering information				Soldering conditions			
			ROHS compatible*)	Planned start of production of RoHS compatible components	3rd party certification available (ICP data)	RoHS compatible since date code of Production	Samples of RoHS compatible components available	Resistance to soldering heat resistance according:				Maximum temperature / peak time / cycles	Backward compatible (lead soldering process) if Pb free terminals	MSL (Jedec 20 B/C)	Plating of terminals of RoHS compatible component
								IEC 60068-2-20 (wave soldering)	IEC 60068-2-58 (Reflow)	JEDEC 20B (Reflow)	JEDEC 20C (Reflow)				
	Single-ended	B41888*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B42822*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B42823*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B42824*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B42825*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B43821*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B43851*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B43857*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B43858*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B43866*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B43867*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Single-ended	B43888*	yes			38078	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
		B41991*	no	phase out											
	Screw terminals	B41456*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B41458*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B41550*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B41554*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B41560*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B41570*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B41580*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B41754*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B41875*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B41876*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43406*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43407*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43455*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43456*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43457*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43458*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43465*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43467*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43471*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43481*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43550*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43560*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43564*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43566*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43570*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43580*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43584*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43586*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43750*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43770*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43875*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43876*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Screw terminals	B43991*	yes			SOP	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	Snap-in*	B41303*	yes			0405	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Snap-in*	B41503*	yes			0405	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Snap-in*	B41505*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Snap-in*	B41605*	yes			0405	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Snap-in*	B41607*	yes			0405	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Snap-in*	B43303*	yes			0405	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Snap-in*	B43304*	yes			0405	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Snap-in*	B43406*	yes			0405	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Snap-in*	B43407*	yes			0405	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Snap-in*	B43416*	yes			0405	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Snap-in*	B43501*	yes			0405	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Snap-in*	B43502*	yes			0405	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Snap-in*	B43503*	yes			0405	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Snap-in*	B43504*	yes			0405	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Snap-in*	B43505*	yes			0405	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Snap-in	B41848*	n/a	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Snap-in	B43840*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	4 Snap-in	B43510*	yes			0412	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	4 Snap-in	B43511*	yes			0412	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	4 Snap-in	B43514*	yes			0412	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Solder pins	B43507*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Solder pins	B43520*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Solder pins	B43521*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Solder pins	B43524*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Photo Flash	B43405*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Photo Flash	B43406*	no	June 2006			yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Photo Flash	B43407*	yes			0406	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Photo Flash	B43415*	yes			0412	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
	Photo Flash	B43416*	yes			0406	yes	n/a	n/a	n/a	280°C 10 sec 1 cycl.	n/a	n/a	matte tin	
		B41991*	no	phase out											
	3-Pin	B41336	no	phase out											
	3-Pin	B41534	no	phase out											
	3-Pin	B41538	no	phase out											
	3-Pin	B43534	no	phase out											

*except:

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DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment COM (2004) 606 final Proposal for a COUNCIL DECISION amending Directive 2002/95/EC of the European Parliament and of the Council for the purposes of establishing the maximum concentration values for certain hazardous substances in electrical and electronic equipment

				RoHS information					Resistance to soldering heat resistance according:				Leadfree soldering information			
Product Family	Product Type	Range of ordering code	ROHS compatible*)	Planned start of production of RoHS compatible components	3rd party certification available (ICP data)	RoHS compatible since date code or Start of Production	Samples of RoHS compatible components available	Resistance to soldering heat resistance according:				Maximum temperature / peak time / cycles	Backward compatible (lead soldering process) if Pb free terminals	MSL (Jedec 20 B/C)	Plating of terminals of RoHS compatible component	
								IEC 60068-2-20 (wave soldering)	IEC 60068-2-58 (Reflow)	JEDEC 20B (Reflow)	JEDEC 20C (Reflow)					
Snap-in	diameter 22 mm (3 Terminals)	B41*M002	no	June 2005												
Snap-in	diameter 22 mm (3 Terminals)	B43*M002	no	June 2005												
Snap-in	diameter 22 mm (short terminals)	B41*M007	no	June 2005												
Snap-in	diameter 22 mm (short terminals)	B43*M007	no	June 2005												
Film Capacitors																
		B320*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 10 sec 1 cycl.	yes	n.a.	matte tin	
		B321*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 10 sec 1 cycl.	yes	n.a.	matte tin	
		B322*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 10 sec 1 cycl.	yes	n.a.	matte tin	
		B323*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 10 sec 1 cycl.	yes	n.a.	matte tin	
		B324*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 10 sec 1 cycl.	yes	n.a.	matte tin	
		B3250*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 10 sec 1 cycl.	yes	n.a.	matte tin	
		B3251*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 10 sec 1 cycl.	yes	n.a.	matte tin	
		B32520*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 10 sec 1 cycl.	yes	n.a.	matte tin	
		B32521*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 10 sec 1 cycl.	yes	n.a.	matte tin	
		B32522*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 10 sec 1 cycl.	yes	n.a.	matte tin	
		B32523*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 10 sec 1 cycl.	yes	n.a.	matte tin	
		B32524*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 10 sec 1 cycl.	yes	n.a.	matte tin	
		B32525*	yes			P7		yes	n.a.	n.a.	n.a.	245°C 4 sec 1cycl.	yes	n.a.	matte tin	
		B32526*	yes			P7		yes	n.a.	n.a.	n.a.	245°C 4 sec 1cycl.	yes	n.a.	matte tin	
		B32527*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 10 sec 1 cycl.	yes	n.a.	matte tin	
		B32528*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 10 sec 1 cycl.	yes	n.a.	matte tin	
		B32529A*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 10 sec 1 cycl.	yes	n.a.	matte tin	
		B32529C*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 5 sec 1 cycl	yes	n.a.	matte tin	
except:		B32542-S5456-K500	no	phase out												
		B32552-A1306-K501	no	phase out												
		B32862-A8124-A500	no	phase out												
		B81*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 10 sec 1 cycl.	yes	n.a.	matte tin	
		B95*	yes			P7		yes	n.a.	n.a.	n.a.	260°C 10 sec 1 cycl.	yes	n.a.	matte tin	
except:	Aerospace application	B95037*	no	phase out												
Inductive Components																
SMT-RF-Chokes SIMD																
	SMT Inductors	SMD	B82496-C*	yes		SOP		--							Ni / Sn	
	SMT Inductors	SMD	B82498-B*	yes		SOP		--							Ag / Pd / Pt	
	SMT Inductors	SMD	B82498-F*	yes		SOP		--							Ag / Pd / Pt	
	SMT Inductors	SMD	B82412-A*	yes		SOP		--							Cu / Ag	
	SMT Inductors	SMD	B82422-A*	yes		SOP		--							Cu / Ag	
	SMT Inductors	SMD	B82422-A***-100	yes		SOP		--							Cu / Ag / Sn	
	SMT Inductors	SMD	B82422-H***-100	yes		SOP		--	yes (Dip- or Reflowtest)	see JEDEC 020C	test ongoing until June '05	test ongoing:260°C/40s 3cycles	yes	test ongoing until March '05	Cu / Ag / Sn	
	SMT Inductors	SMD	B82422-T*	yes		SOP		--							Cu / Ag / Sn	
	SMT Inductors	SMD	B82432-A*	yes		SOP		--							Cu / Ag / Sn	
	SMT Inductors	SMD	B82432-H*	yes		SOP		--							Cu / Ag	
	SMT Inductors	SMD	B82432-C*	yes		SOP		--							Cu / Ag / Sn	
	SMT Inductors	SMD	B82432-T*	yes		SOP		--							Cu / Ag / Sn	
	SMT Inductors	SMD	B82442-A*	yes		SOP		--							Cu / Ag / Sn	
	SMT Inductors	SMD	B82442-H*	yes		SOP		--							Cu / Ag / Sn	
except:	SMT Inductors	SMD	B82494-G	no	June 2005		yes	--							Sn	
	SMT Inductors	SMD	B82494-A	no	June 2005		yes	--	yes (Dip- or Reflowtest)	see JEDEC 020C	test ongoing until June '05	test ongoing:260°C/40s 3cycles	yes	MSL2 (target MSL1)	Sn	
	SMT Inductors	SMD	B82496-A	no	June 2005		yes	--							Ni / Sn	
	SMT Inductors	SMD	B82499-A	no	June 2005		yes	--							Ni / Sn	
	SMT Power Inductors	SMD	B82462-*	yes		SOP		--							Ni / Ag / Sn	
	SMT Power Inductors	SMD	B82464-G*	yes		SOP		--							Cu / Ag / Sn	
	SMT Power Inductors	SMD	B82470-A*	yes		SOP		--							Ni / Sn	
	SMT Power Inductors	SMD	B82471-A*	yes		SOP		--							Ni / Sn	
	SMT Power Inductors	SMD	B82472-G*	yes		SOP		--							Ni / Sn	
	SMT Power Inductors	SMD	B82473-A*	yes		SOP		--	yes (Dip- or Reflowtest)	see JEDEC 020C	test ongoing until June '05	test ongoing:260°C/40s 3cycles	yes	test ongoing until March '05	Ni / Sn	
	SMT Power Inductors	SMD	B82475-A*	yes		SOP		--							Ni / Sn	
	SMT Power Inductors	SMD	B82476-A*	yes		SOP		--							Ni / Sn	
	SMT Power Inductors	SMD	B82477-G*	yes		SOP		--							Ni / Sn	
	SMT Power Inductors	SMD	B82478-A*	yes		SOP		--							Ni / Sn	
	SMT Power Inductors	SMD	B82479-A*	yes		SOP		--							Ni / Sn	
	RF Chokes	PTH	B78108-T*	yes		SOP		yes	--	--	--	--	yes	--	Sn	
	RF Chokes	PTH	B78148-T*	yes		SOP		yes	--	--	--	--	yes	--	Sn	
	RF Chokes	PTH	B82141-A*	yes		SOP		yes	--	--	--	--	yes	--	Sn	
	RF Chokes	PTH	B82141-B*	yes		SOP		yes	--	--	--	--	yes	--	Sn	
	RF Chokes	PTH	B78108-S*	yes		SOP		yes	--	--	--	--	yes	--	Sn	
	RF Chokes	PTH	B78148-S*	yes		SOP		yes	--	--	--	--	yes	--	Sn	
	RF Chokes	PTH	B82143-A*	yes		SOP		yes	--	--	--	--	yes	--	Sn	
	RF Chokes	PTH	B82143-B*	yes		SOP		yes	--	--	--	--	yes	--	Sn	
	RF Chokes	PTH	B82144-A*	yes		SOP		yes	--	--	--	--	yes	--	Sn	
	RF Chokes	PTH	B82144-B*	yes		SOP		yes	--	--	--	--	yes	--	Sn	
	RF Chokes	PTH	B82145-*	yes		SOP		yes	--	--	--	--	yes	--	Sn	
	VHF Chokes	PTH	B82500-*	yes		SOP		no	--	--	--	--	yes	--	Sn	
	VHF Chokes	PTH	B82131-*	yes		SOP		no	--	--	--	--	yes	--	Sn	
	VHF Chokes	PTH	B82132-*	yes		SOP		no	--	--	--	--	yes	--	Sn	
	VHF Chokes	PTH	B82133-*	yes		SOP		no	--	--	--	--	yes	--	Sn	
	VHF Chokes	PTH	B82134-*	yes		SOP		no	--	--	--	--	yes	--	Sn	
	VHF Chokes	PTH	B82111-E-C21...C28	yes		4464		no	--	--	--	--	yes	--	Sn	
	VHF Chokes	PTH	B82111-B	yes		4464		no	--	--	--	--	yes	--	Sn	

RoHS and Lead-free Information for EPCOS Products
as of February 2005

*) RoHS compatible is defined as compatible with the following documents:

DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment COM (2004) 606 final Proposal for a COUNCIL DECISION amending Directive 2002/95/EC of the European Parliament and of the Council for the purposes of establishing the maximum concentration values for certain hazardous substances in electrical and electronic equipment

				RoHS information					Resistance to soldering heat resistance according:				Leadfree soldering information				Soldering conditions		
Product Family	Product Type		Range of ordering code	ROHS compatible*)	Planned start of production of RoHS compatible components	3rd party certification available (ICP data)	RoHS compatible since date code of Production	Samples of RoHS compatible components available	IEC 60068-2-20 (wave soldering)	IEC 60068-2-58 (Reflow)	JEDEC 20B (Reflow)	JEDEC 20C (Reflow)	Maximum temperature / peak time / cycles	Backward compatible (lead soldering process) if Pb free terminals	MSL (Jedec 20 B/C)	Plating of terminals of RoHS compatible component			
except:	VHF Chokes	PTH	B82114-R*	yes			4491		no	--	--	--	--	yes	--	Sn			
	VHF Chokes	PTH	B82111-E-C20	no	June 2005			no	--	--	--	--	--	yes	--	SnPb *actual			
	VHF Chokes	PTH	B82111-E-C29	no	June 2005			no	--	--	--	--	--	yes	--	SnPb *actual			
	Chokes for Data and Signal Lines	SMD	B82789-****N1*	yes			SOP	--	yes (Dip- or Reflowtest)	see JEDEC 020C	test ongoing until June '05	test ongoing 260°C/40s	yes	test ongoing until March '05	Ag / Au				
	Chokes for Data and Signal Lines	SMD	B82789-****N2*	yes			SOP	--							Ag / Sn				
Chokes for Power Line with Casing																			
	I-Core Chokes	PTH	B82502-W-C*	yes			1004	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	I-Core Chokes	cable lug	B82503-U-A*	yes			1004	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	hot tin on Ni			
	I-Core Chokes	screw	B82504-W-A*	yes			1004	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	brass/ Ni			
	I-Core Chokes	copper wire	B82504-W-B*	yes			1004	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin			
	I-Core Chokes	screw	B82505-W-A*	yes			1004	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	brass/ Ni			
	I-Core Chokes	screw	B82506-W-A*	yes			1004	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	brass/ Ni			
	Sine-Wave Chokes	PTH	B82614-*	yes			1201	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Iron Powder Ring Core Single Chokes	PTH	B82615-*	no	June 2005		yes	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Iron Powder Ring Core Single Chokes	litz wire	B82617-*	no	June 2005		yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	hot tin			
	Iron Powder Ring Core Double Chokes	PTH	B82624-*	no	June 2005		yes	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Iron Powder Ring Core Double Chokes	PTH	B82625-*	no	June 2005		yes	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Iron Powder Ring Core Double Chokes	litz wire	B82627-*	no	June 2005		yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	hot tin			
	Current Compensated Ring Core Double Chokes	PTH	B82720-K*	no	June 2005		yes	test ongoing	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Double Chokes	PTH	B82720-L*	no	June 2005		yes	test ongoing	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Double Chokes	SMD	B82720-S*	no	June 2005		yes	n/a	test ongoing	n/a	test ongoing	245°C 30 sec 3 cycles	yes	1	hot tin on Ni				
	Current Compensated Ring Core Double Chokes	PTH	B82721-A*	no	June 2005		yes	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Double Chokes	PTH	B82721-K*	no	June 2005		yes	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Double Chokes	PTH	B82721-J*	no	June 2005		yes	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Double Chokes	PTH	B82721-S*	no	June 2005		yes	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Double Chokes	PTH	B82722-A*	no	June 2005		yes	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Double Chokes	PTH	B82722-J*	no	June 2005		yes	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Double Chokes	PTH	B82722-S*	no	June 2005		yes	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Double Chokes	PTH	B82723-A*	no	June 2005		yes	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Double Chokes	PTH	B82723-J*	no	June 2005		yes	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Double Chokes	PTH	B82724-A*	no	June 2005		yes	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Double Chokes	PTH	B82724-B*	no	June 2005		yes	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Double Chokes	PTH	B82724-J*	no	June 2005		yes	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Double Chokes	PTH	B82725-A*	no	June 2005		yes	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Triple Chokes	PTH	B82745-E*	no	June 2005		yes	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated D-core Double Chokes	PTH	B82731-*	yes			1201	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated D-core Double Chokes	PTH	B82732-*	yes			1201	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated D-core Double Chokes	PTH	B82734-*	yes			1201	Yes	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Double Chokes	PTH	B82791-C2****	no	June 2005		yes	test ongoing	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Double Chokes	PTH	B82791-H2****	no	June 2005		yes	test ongoing	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
	Current Compensated Ring Core Double Chokes	PTH	B82791-K2****	no	June 2005		yes	test ongoing	n/a	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni			
with base plate, tinned copper wire																			
	Current Compensated Ring Core Double Chokes	PTH	B82720-S2173-A40	yes	June 2005		SOP	--	n/a	n/a	n/a	n/a	260°C / 10 sec / 1 cycles	yes	n/a	hot tin			
	Current Compensated Ring Core Double Chokes	PTH	B82722-S2103-N40	no	June 2005		yes	--	n/a	n/a	n/a	n/a	260°C / 10 sec / 1 cycles	yes	n/a	hot tin			
	Current Compensated Ring Core Double Chokes	PTH	B82723-S0253-A06*	yes			SOP	n/a	n/a	n/a	n/a	n/a	260°C / 10 sec / 1 cycles	yes	n/a	hot tin			
	Current Compensated Ring Core Double Chokes	PTH	B82723-S2143-N30	no	June 2005		yes	--	n/a	n/a	n/a	n/a	260°C / 10 sec / 1 cycles	yes	n/a	hot tin			
	Current Compensated Ring Core Double Chokes	PTH	B82724-S2103-N02*	no	June 2005		yes	--	n/a	n/a	n/a	n/a	260°C / 10 sec / 1 cycles	yes	n/a	hot tin			
	Current Compensated Ring Core Double Chokes	PTH	B82725-S*	no	June 2005		yes	--	n/a	n/a	n/a	n/a	260°C / 10 sec / 1 cycles	yes	n/a	hot tin			
	Current Compensated Ring Core Double Chokes	PTH	B82726-S*	no	June 2005		yes	--	n/a	n/a	n/a	n/a	260°C / 10 sec / 1 cycles	yes	n/a	hot tin			
	Current Compensated Ring Core Double Chokes	PTH	B82745-S*	no	June 2005		yes	--	n/a	n/a	n/a	n/a	260°C / 10 sec / 1 cycles	yes	n/a	hot tin			
	Current Compensated Ring Core Double Chokes	PTH	B82747-S*	no	June 2005		yes	--	n/a	n/a	n/a	n/a	260°C / 10 sec / 1 cycles	yes	n/a	hot tin			
with casing, no PTH																			
	Current Compensated Ring Core Double Chokes	litz wire	B82725-C*-A*	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	yes	n/a	copper			
	Current Compensated Ring Core Double Chokes	cable lug	B82727-C1-A1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	hot tin			
	Current Compensated Ring Core Double Chokes	cable lug	B82728-C*-A*	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	hot tin			
	Current Compensated Ring Core Triple Chokes	bolt clamp	B82745-C2-A10	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Zn, Ni			
	Current Compensated Ring Core Triple Chokes	bolt clamp	B82745-C2-A13	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Zn, Ni			
	Current Compensated Ring Core Triple Chokes	bolt clamp	B82745-C2-A91	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ag on Ni			
	Current Compensated Ring Core Triple Chokes	litz wire	B82745-C5-A7	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	yes	n/a	copper			
	Current Compensated Ring Core Triple Chokes	litz wire	B82745-C7-A6	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	yes	n/a	copper			
	Current Compensated Ring Core Triple Chokes	cable lug	B82745-C8-A6	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	hot tin			
	Current Compensated Ring Core Triple Chokes	cable lug	B82747-C1-A1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	hot tin			
	Current Compensated Ring Core Triple Chokes	litz wire	B82747-C1-A1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	yes	n/a	copper			
	Current Compensated Ring Core Triple Chokes	Copper wire	B82747-F2****	no	June 2005		no	n/a	n/a	n/a	n/a	n/a	n/a	yes	n/a	hot tin			
	Current Compensated Ring Core Quad Chokes	Copper wire	B82765-C1-A5	no	June 2005		no	n/a	n/a	n/a	n/a	n/a	n/a	yes	n/a	hot tin			
	Current Compensated Ring Core Quad Chokes	litz wire	B82765-C2-A6	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	yes	n/a	copper			
	Current Compensated Ring Core Quad Chokes	Copper wire	B82765-C25-A1	no	June 2005		no	n/a	n/a	n/a	n/a	n/a	n/a	yes	n/a	hot tin			
	Current Compensated Ring Core Quad Chokes	Copper wire	B82765-C3-A3	no	June 2005		no	n/a	n/a	n/a	n/a	n/a	n/a	yes	n/a	hot tin			
	Current Compensated Ring Core Quad Chokes	litz wire	B82765-C4-A9	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	yes	n/a	copper			
	Current Compensated Ring Core Quad Chokes	litz wire	B82765-C5-A7	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	yes	n/a	copper			
	Current Compensated Ring Core Quad Chokes	litz wire	B82765-C5-B7	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	yes	n/a	copper			
	Current Compensated Ring Core Quad Chokes	litz wire	B82765-C6-A11	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	yes	n/a	copper			
	Current Compensated Ring Core Quad Chokes	litz wire	B82765-C060*-A11	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	yes	n/a	copper			
Data-Line-Chokes																			
	Data-Line Ring Core Double Chokes	SMD	B82790-K*	yes			SOP	n/a	Yes	n/a	test ongoing	250°C 40 sec 3 cycles	yes	1	matte tin on Ni				
	Data-Line Ring Core Double Chokes	SMD	B82790-P*	yes			0302	n/a	Yes	n/a	test ongoing	250°C 40 sec 3 cycles	yes	1	matte tin on Ni				
	Data-Line Ring Core Double Chokes	SMD	B82790-R*	yes			SOP	n/a	Yes	n/a	test ongoing	250°C 40 sec 3 cycles	yes	1	Ag on Ni				
	Data-Line Ring Core Double Chokes	SMD	B82790-S*	yes			0302	n/a	Yes	n/a	test ongoing	250°C 40 sec 3 cycles	yes	1	matte tin on Ni				
	Data-Line Ring Core Double Chokes	SMD	B82790-T*	yes			SOP	n/a	Yes	n/a	test ongoing	250°C 40 sec 3 cycles	yes	1	Ag on Ni				

RoHS and Lead-free Information for EPCOS Products
as of February 2005

* RoHS compatible is defined as compatible with the following documents:

DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment COM (2004) 606 final Proposal for a COUNCIL DECISION amending Directive 2002/95/EC of the European Parliament and of the Council for the purposes of establishing the maximum concentration values for certain hazardous substances in electrical and electronic equipment

Product Family	Product Type	SMD	Range of ordering code	RoHS information					Resistance to soldering heat resistance according:				Leadfree soldering information			
				ROHS compatible*)	Planned start of production of RoHS compatible components	3rd party certification available (ICP data)	RoHS compatible since date code of Production	Samples of RoHS compatible components available	IEC 60068-2-20 (wave soldering)	IEC 60068-2-58 (Reflow)	JEDEC 20B (Reflow)	JEDEC 20C (Reflow)	Maximum temperature / peak time / cycles	Backward compatible (lead soldering process) if Pb free terminals	MSL (Jedec 20 B/C)	Plating of terminals of RoHS compatible component
	Data-Line Ring Core Double Chokes	SMD	B82790-U*	yes			SOP		n/a	Yes	n/a	test ongoing	250°C 40 sec 3 cycles	yes	1	Ag on Ni
	Data-Line Ring Core Double Chokes	SMD	B82792-C0***	yes			SOP		n/a	test ongoing	n/a	test ongoing	245°C 30 sec 3 cycles	yes	1	hot tin on Ni
	Data-Line Ring Core Quad Chokes	SMD	B82792-C2***	yes			SOP		n/a	test ongoing	n/a	test ongoing	245°C 30 sec 3 cycles	yes	1	hot tin on Ni
	Data-Line Ring Core Double Chokes	SMD	B82793-C0***	yes			0302		n/a	Yes	n/a	test ongoing	250°C 40 sec 3 cycles	yes	1	hot tin on Ni
	Data-Line Ring Core Quad Chokes	SMD	B82793-C2***	yes			0302		n/a	Yes	n/a	test ongoing	250°C 40 sec 3 cycles	yes	1	hot tin on Ni
	Data-Line Ring Core Quad Chokes	SMD	B82793-C3***	yes			0302		n/a	Yes	n/a	test ongoing	250°C 40 sec 3 cycles	yes	1	hot tin on Ni
	Data-Line Ring Core Double Chokes	SMD	B82793-D0***	yes			0302		n/a	Yes	n/a	test ongoing	250°C 40 sec 3 cycles	yes	1	hot tin on Ni
	Data-Line Ring Core Double Chokes	SMD	B82793-E0***	yes			0302		n/a	Yes	n/a	test ongoing	250°C 40 sec 3 cycles	yes	1	hot tin on Ni
	Data-Line Ring Core Double Chokes	SMD	B82793-K0***	yes			SOP		n/a	Yes	n/a	test ongoing	250°C 40 sec 3 cycles	yes	1	hot tin on Ni
	Data-Line Ring Core Double Chokes	SMD	B82793-L0***	yes			SOP		n/a	Yes	n/a	test ongoing	250°C 40 sec 3 cycles	yes	1	hot tin on Ni
	Data-Line Ring Core Double Chokes	SMD	B82793-P0***	yes			0302		n/a	Yes	n/a	test ongoing	250°C 40 sec 3 cycles	yes	1	hot tin on Ni
	Data-Line Ring Core Double Chokes	SMD	B82793-S0***	yes			0302		n/a	Yes	n/a	test ongoing	250°C 40 sec 3 cycles	yes	1	hot tin on Ni
	Data-Line Ring Core Double Chokes	SMD	B82794-C0***	yes			SOP		n/a	test ongoing	n/a	test ongoing	245°C 30 sec 3 cycles	yes	1	hot tin on Ni
	Data-Line Ring Core Quad Chokes	SMD	B82794-C2***	yes			SOP		n/a	test ongoing	n/a	test ongoing	245°C 30 sec 3 cycles	yes	1	hot tin on Ni
	Data-Line Ring Core Double Chokes	SMD	B82794-S0***	yes			SOP		n/a	test ongoing	n/a	test ongoing	245°C 30 sec 3 cycles	yes	1	hot tin on Ni
	Data-Line Ring Core Double Chokes	SMD	B82795-S0***	yes			SOP		n/a	test ongoing	n/a	test ongoing	245°C 30 sec 3 cycles	yes	1	matte tin on Ni
	Data-Line Ring Core Quad Chokes	SMD	B82799-C0***	yes			SOP		n/a	Yes	n/a	test ongoing	250°C 40 sec 3 cycles	yes	1	Au on Ag on Ni
	Data-Line Ring Core Double Chokes	SMD	B82799-S0***	yes			SOP		n/a	Yes	n/a	test ongoing	250°C 40 sec 3 cycles	yes	1	Au on Ag on Ni
	Data-Line Ring Core Double Chokes	PTH	B82719-C0***	no	June 2005			yes	test ongoing	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni
	Data-Line Ring Core Quad Chokes	PTH	B82719-C2***	no	June 2005			yes	test ongoing	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni
	Data-Line Ring Core Quad Chokes	PTH	B82720-H0014-	no	June 2005			yes	test ongoing	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni
	Data-Line Ring Core Quad Chokes	PTH	B82720-H0015-	no	June 2005			yes	test ongoing	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni
	Data-Line Ring Core Quad Chokes	PTH	B82791-G0011-	no	June 2005			yes	test ongoing	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni
	Data-Line Ring Core Double Chokes	PTH	B82791-G0012-	no	June 2005			yes	test ongoing	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni
	Data-Line Ring Core Quad Chokes	PTH	B82791-G0014-	no	June 2005			yes	test ongoing	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni
	Data-Line Ring Core Double Chokes	PTH	B82791-G0015-	no	June 2005			yes	test ongoing	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni
	Data-Line Ring Core Double Chokes	PTH	B82791-H0015-	yes	June 2005			yes	test ongoing	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni
	Data-Line Ring Core Double Chokes	PTH	B82796-C0***	yes			SOP		test ongoing	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni
	Data-Line Ring Core Quad Chokes	PTH	B82796-C2***	yes			SOP		test ongoing	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni
	Data-Line Ring Core Double Chokes	PTH	B82796-S0***	yes			SOP		test ongoing	n/a	n/a	n/a	260°C 10 sec 1 cycles	yes	n/a	hot tin on Ni
EMC-Filters																
	2-Line Filters		B84102-C*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2-Line Filters		B84102-K*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2-Line Filters		B84103-S*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2-Line Filters		B84104-K*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	4-Line Filters		B84109-S*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2-Line Filters	PTH	B84110-A*	no	June 2005			yes	yes	n.a.	n.a.	n.a.	280°C 10s 1 cycle	yes	n.a.	hot tin
	2-Line Filters	PTH	B84110-B*	no	June 2005			yes	yes	n.a.	n.a.	n.a.	280°C 10s 3 cycle	yes	n.a.	hot tin
	2-Line Filters SIFI A		B84111-*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2-Line Filters SIFI B		B84112-*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2-Line Filters SIFI B	PTH	B84112-B-P30	no	June 2005			yes	yes	n.a.	n.a.	n.a.	280°C 10s 1 cycle	yes	n.a.	hot tin
	2-Line Filters SIFI C		B84113-*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2-Line Filters SIFI D		B84114-*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2-Line Filters SIFI E		B84115-*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	4-Line Filters		B84131-*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2-Line Filters		B84132-*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	4-Line Filters		B84134-*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2-Line Filters		B84142-*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	3-Line Filters	PTH	B84143-A9-P8	no	June 2005			yes	yes	n.a.	n.a.	n.a.	280°C 10s 1 cycle	yes	n.a.	hot tin
	3-Line Filters		B84143-*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	4-Line Filters		B84144-*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2-Line Filters		B84261--B*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	4-Line Filters		B84261--E*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2-Line Filters		B84263--B*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	4-Line Filters		B84263--E*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2-Line Filters		B84264--B*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	4-Line Filters		B84264--E*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2-Line Filters		B84299--B*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	4-Line Filters		B84299--E*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2-Line Filters		B84299-K2*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	4-Line Filters		B84299-K3*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2-Line Filters		B84299-K6*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2-Line Filters		B84312-*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	20-Line Filters		B84320-*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	8-Line Filters		B84551-*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Feed Through-Filters/Capacitors																
	1-Line Filters/Capacitors (Bolts)		B85*	yes			SOP		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	1-Line Filters/Capacitors (Leaded)		B85*	no	June 2005				n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	matte tin
Transformers																
	E6.3 transformer	SMD	B78304B1030A003	yes			SOP		yes	yes	n.a.	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin
		SMD	B78304B1031A003	yes			SOP		yes	yes	n.a.	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin
		SMD	B78304B1032A003	yes			SOP		yes	yes	n.a.	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin
		SMD	B78304B1016A003	yes			SOP		yes	yes	n.a.	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin
		SMD	B78304B1144A003	yes			SOP		yes	yes	n.a.	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin
		SMD	B78304B1145A003	yes			SOP		yes	yes	n.a.	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin
		SMD	B78304A177A003	yes			SOP		yes	yes	n.a.	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin
	ER11 transformer	SMD	B78334A1018A003	yes			SOP		yes	yes	n.a.	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin
		SMD	B78334A1018A003	yes			SOP		yes	yes	n.a.	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin
		SMD	B78334B1034A003	yes			SOP		yes	yes	n.a.	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin

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DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment COM (2004) 606 final Proposal for a COUNCIL DECISION amending Directive 2002/95/EC of the European Parliament and of the Council for the purposes of establishing the maximum concentration values for certain hazardous substances in electrical and electronic equipment

				RoHS information					Resistance to soldering heat resistance according:				Leadfree soldering information				
Product Family	Product Type		Range of ordering code	ROHS compatible*)	Planned start of production of RoHS compatible components	3rd party certification available (ICP data)	RoHS compatible since date code of Production	Samples of RoHS compatible components available	Resistance to soldering heat resistance according:				Soldering conditions				
									IEC 60068-2-20 (wave soldering)	IEC 60068-2-58 (Reflow)	JEDEC 20B (Reflow)	JEDEC 20C (Reflow)	Maximum temperature / peak time / cycles	Backward compatible (lead soldering process) if Pb free terminals	MSL (Jedec 20 B/C)	Plating of terminals of RoHS compatible component	
RM6 transformer	PTH	B78334B1035A003	yes			SOP			yes				250°C 10s 3 cycles	yes	test on going Q2/05	hot tin	
		B78386P1580A005	yes			SOP		yes						yes		hot tin	
		B78386P1648A005	yes			SOP		yes						yes		hot tin	
		B78386P1114A005	yes			SOP		yes						yes		hot tin	
		B78386P1115A005	yes			SOP		yes						yes		hot tin	
		B78386P1116A005	yes			SOP		yes						yes		hot tin	
	R10 transformer	PTH	B78510P1365A005	yes			SOP		yes						yes		hot tin
			B78510P6622A005	yes			SOP		yes						yes		hot tin
		EP7 transformer	SMD	B78417A1698A003	yes			SOP			yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin
				B78417A1706A003	yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin
			SMD	B78417A1761A003	yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin
				B78417A1762A003	yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin
	B78417A1763A003			yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin	
	B78417A1764A003			yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin	
	B78417A1765A003			yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin	
	B78417A1847A003			yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin	
	EP13 transformer	SMD	B78417A1851A003	yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin	
			B78417A1744A003	yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin	
		SMD	B78417A1822A003	yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin	
			B78421A1638A003	yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin	
			B78421A1720A003	yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin	
			B78421A1721A003	yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin	
			B78421A6603A003	yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin	
			B78421A1852A003	yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin	
PTH		B78421A6603A003	yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin		
		B78421A1852A003	yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin		
		B78421P1482A005	yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin		
		B78421P1457A005	yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin		
	B78421P1486A005	yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin			
	B78421P1649A005	yes			SOP		yes	yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin			
EP5XL transformer	PTH	B78421P1544A005	yes			SOP		yes								hot tin	
		B78421P1582A005	yes			SOP		yes								hot tin	
		B78416A1850A003	yes			SOP			yes	yes	n.a.	250°C 10s 3 cycles	yes	test on going Q2/05	hot tin		
Ferrite Accessories																	
RM 6	PTH	B65512C2001	yes			04174		yes					350°C 3.5sec 1 cycle	yes		matte tin	
		B65524C1004T001	yes			04181		yes	yes				260°C 10sec 3 cycles	yes		matte tin	
	SMT	B65524C1008T001	yes			03223		yes	yes				260°C 10sec 3 cycles	yes		matte tin	
		B65526B1010T001	yes			02162		yes	yes				260°C 10sec 3 cycles	yes		matte tin	
	PTH	B65545B0009	yes			03413		yes					350°C 3.5sec 1 cycle	yes		matte tin	
		B65545B0010	yes			03382		yes					350°C 3.5sec 1 cycle	yes		matte tin	
	PTH	B65547B1014T001	yes			03045		yes					350°C 3.5sec 1 cycle	yes		matte tin	
		B65555B0010	yes			03382		yes					350°C 3.5sec 1 cycle	yes		matte tin	
	PTH	B65565C0004	yes			03431		yes					350°C 3.5sec 1 cycle	yes		matte tin	
		B65567B0005	yes			03371		yes					350°C 3.5sec 1 cycle	yes		matte tin	
	PTH	B65685B1016T001	yes			03051		yes					350°C 3.5sec 1 cycle	yes		matte tin	
		B65687A1018T001	yes			03051		yes					350°C 3.5sec 1 cycle	yes		matte tin	
	PTH	B65705B0003	yes			04112		yes					350°C 3.5sec 1 cycle	yes		matte tin	
		B65714K1020T001	yes			03051		yes					350°C 3.5sec 1 cycle	yes		matte tin	
	SMT	B65804B6004T001	yes			02315		yes	yes				260°C 10sec 3 cycles	yes		matte tin	
		B65804B6010T001	yes			03453		yes	yes				260°C 10sec 3 cycles	yes		matte tin	
	PTH	B65804B6010T002	yes			02321		yes	yes				260°C 10sec 3 cycles	yes		matte tin	
		B65804K1005D001	yes			04431		yes					350°C 3.5sec 1 cycle	yes		matte tin	
	PTH	B65804K1005D002	yes			04293		yes					350°C 3.5sec 1 cycle	yes		matte tin	
		B65804K1006D001	yes			04322		yes					350°C 3.5sec 1 cycle	yes		matte tin	
	SMT	B65804S6008T001	yes			03061		yes	yes				260°C 10sec 3 cycles	yes		matte tin	
		B65806A2201	yes			03331		yes					350°C 3.5sec 1 cycle	yes		matte tin	
	PTH	B65806A2203	yes			01471		yes					350°C 3.5sec 1 cycle	yes		matte tin	
		B65806K1004D001	yes			03142		yes					350°C 3.5sec 1 cycle	yes		matte tin	
	PTH	B65806K1004D002	yes			03233		yes					350°C 3.5sec 1 cycle	yes		matte tin	
		B65806K1005D001	yes			03142		yes					350°C 3.5sec 1 cycle	yes		matte tin	
	PTH	B65806K1005D002	yes			03272		yes					350°C 3.5sec 1 cycle	yes		matte tin	
		B65806K1006D001	yes			03111		yes					350°C 3.5sec 1 cycle	yes		matte tin	
	PTH	B65806K1006D002	yes			03113		yes					350°C 3.5sec 1 cycle	yes		matte tin	
		B65806K1008D001	yes			03142		yes					350°C 3.5sec 1 cycle	yes		matte tin	
	PTH	B65809A2201	yes			02162		yes					350°C 3.5sec 1 cycle	yes		matte tin	
		B65809A2203	yes			01441		yes					350°C 3.5sec 1 cycle	yes		matte tin	
	PTH	B65809A2203	yes			01471		yes					350°C 3.5sec 1 cycle	yes		matte tin	
		B65808E1508T001	yes			01504		yes					350°C 3.5sec 1 cycle	yes		matte tin	
	PTH	B65808K1004D001	yes			03111		yes					350°C 3.5sec 1 cycle	yes		matte tin	
		B65808K1004D002	yes			03112		yes					350°C 3.5sec 1 cycle	yes		matte tin	
	PTH	B65808K1005D001	yes			03173		yes					350°C 3.5sec 1 cycle	yes		matte tin	
		B65808K1006D001	yes			03112		yes					350°C 3.5sec 1 cycle	yes		matte tin	
	PTH	B65808K1006D002	yes			03123		yes					350°C 3.5sec 1 cycle	yes		matte tin	
		B65808N1004D001	yes			03072		yes					350°C 3.5sec 1 cycle	yes		matte tin	
	PTH	B65808N1004D002	yes			03072		yes					350°C 3.5sec 1 cycle	yes		matte tin	
		B65808N1005D001	yes			03072		yes					350°C 3.5sec 1 cycle	yes		matte tin	
PTH	B65808N1005D002	yes			03072		yes					350°C 3.5sec 1 cycle	yes		matte tin		
	B65808N1006D001	yes			03043		yes					350°C 3.5sec 1 cycle	yes		matte tin		
PTH	B65808N1006D002	yes			03072		yes					350°C 3.5sec 1 cycle	yes		matte tin		

RoHS and Lead-free Information for EPCOS Products
as of February 2005

* RoHS compatible is defined as compatible with the following documents:

DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment COM (2004) 606 final Proposal for a COUNCIL DECISION amending Directive 2002/95/EC of the European Parliament and of the Council for the purposes of establishing the maximum concentration values for certain hazardous substances in electrical and electronic equipment

				RoHS information					Resistance to soldering heat resistance according:				Leadfree soldering information			
Product Family	Product Type		Range of ordering code	ROHS compatible*)	Planned start of production of RoHS compatible components	3rd party certification available (ICP data)	RoHS compatible since date code of Production	Samples of RoHS compatible components available	Resistance to soldering heat resistance according:				Soldering conditions			
									IEC 60068-2-20 (wave soldering)	IEC 60068-2-58 (Reflow)	JEDEC 20B (Reflow)	JEDEC 20C (Reflow)	Maximum temperature / peak time / cycles	Backward compatible (lead soldering process) if Pb free terminals	MSL (Jedec 20 B/C)	Plating of terminals of RoHS compatible component
	RM 6	PTH	B65808W1508T001	yes			02037		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 6	PTH	B65808X1108D002	yes			03123		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 6	PTH	B65812A2203	yes			02473		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812A2203	yes			03354		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812C1512T001	yes			01504		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812K1005D001	yes			04182		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812K1008D001	yes			04182		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812K1008D002	yes			04182		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812N1005D001	yes			02331		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812N1005D002	yes			03072		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812N1005D002	yes			02244		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812N1005D002	yes			03072		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812N1008D001	yes			02353		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812N1008D001	yes			03261		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812N1008D002	yes			02353		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812N1008D002	yes			03072		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812N1012D001	yes			02244		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812N1012D001	yes			03072		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812N1012D002	yes			02353		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812N1012D002	yes			03072		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812P2203	yes			02023		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 8	PTH	B65812X1108D002	yes			04181		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 10	PTH	B65814A2203	yes			04195		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 10	PTH	B65814C1512T001	yes			01504		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 10	PTH	B65814K1011D001	yes			04182		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 10	PTH	B65814K1012D001	yes			04182		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 10	PTH	B65814N1008D001	yes			02244		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 10	PTH	B65814N1008D001	yes			03072		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 10	PTH	B65814N1008D002	yes			03072		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 10	PTH	B65814N1010D001	yes			03072		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 10	PTH	B65814N1011D001	yes			02295		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 10	PTH	B65814N1011D001	yes			03072		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 10	PTH	B65814N1012D001	yes			02244		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 10	PTH	B65814N1012D001	yes			03072		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 10	PTH	B65814N1012D002	yes			03072		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 12	PTH	B65816A2002	yes			02454		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 12	PTH	B65816C1512T001	yes			01504		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 12	PTH	B65816N1011D001	yes			03055		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 12	PTH	B65816N1012D001	yes			02321		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 12	PTH	B65816N1012D001	yes			03055		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 12	PTH	B65820B1008D001	yes			04321		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 7	PTH	B65820B2001	yes			03244		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 7	PTH	B65820W1005D002	yes			03055		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 7	PTH	B65820W1008D001	yes			02403		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 7	PTH	B65820W1008D002	yes			02505		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 6	SMT	B65821C1008T001	yes			02363		yes	yes			260°C 10sec 3 cycles	yes		matte tin
	RM 5	SMT	B65822F1008T001	yes			03393		yes	yes			260°C 10sec 3 cycles	yes		matte tin
	RM 5	SMT	B65822F1008T002	yes			02331		yes	yes			260°C 10sec 3 cycles	yes		matte tin
	RM 5	SMT	B65822J1008T001	yes			03263		yes	yes			260°C 10sec 3 cycles	yes		matte tin
	EP 7	PTH	B65840B1006D001	yes			04292		yes				350°C 3.5sec 1 cycle	yes		matte tin
	EP 7	PTH	B65840D000	yes			03244		yes				350°C 3.5sec 1 cycle	yes		matte tin
	EP 7	SMT	B65840F1106T001	yes			03124		yes	yes			260°C 10sec 3 cycles	yes		matte tin
	EP 7	SMT	B65840N1106T001	yes			02193		yes	yes			260°C 10sec 3 cycles	yes		matte tin
	EP 10	PTH	B65842C1008D002	yes			04292		yes				350°C 3.5sec 1 cycle	yes		matte tin
	EP 10	SMT	B65842L1108D001	yes			03105		yes	yes			260°C 10sec 3 cycles	yes		matte tin
	EP 10	PTH	B65842W1008D001	yes			02384		yes				350°C 3.5sec 1 cycle	yes		matte tin
	EP 13	PTH	B65844L1010D002	yes			04322		yes				350°C 3.5sec 1 cycle	yes		matte tin
	EP 13	SMT	B65844N1110T001	yes			02384		yes	yes			260°C 10sec 3 cycles	yes		matte tin
	EP 13	SMT	B65844N1110T002	yes			03402		yes	yes			260°C 10sec 3 cycles	yes		matte tin
	EP 13	PTH	B65844S1006D001	yes			04153		yes				350°C 3.5sec 1 cycle	yes		matte tin
	EP 13	PTH	B65844S1106D001	yes			04242		yes				350°C 3.5sec 1 cycle	yes		matte tin
	EP 13	PTH	B65844W1004D001	yes			03063		yes				350°C 3.5sec 1 cycle	yes		matte tin
	EP 13	PTH	B65844W1010D001	yes			03401		yes				350°C 3.5sec 1 cycle	yes		matte tin
	EP 13	PTH	B65844X1004D002	yes			03423		yes				350°C 3.5sec 1 cycle	yes		matte tin
	EP 13	PTH	B65844X1010D002	yes			03063		yes				350°C 3.5sec 1 cycle	yes		matte tin
	EP 17	PTH	B65846C2000	yes			02355		yes				350°C 3.5sec 1 cycle	yes		matte tin
	EP 17	PTH	B65846L1008D002	yes			04301		yes				350°C 3.5sec 1 cycle	yes		matte tin
	EP 17	PTH	B65846W1008D001	yes			02193		yes				350°C 3.5sec 1 cycle	yes		matte tin
	EP 20	PTH	B65848A2000	yes			04334		yes				350°C 3.5sec 1 cycle	yes		matte tin
	EPX 9/9/9	SMT	B65852A1008D001	yes			03055		yes	yes			260°C 10sec 3 cycles	yes		matte tin
	EP 5	SMT	B65856A1006T001	yes			03391		yes	yes			260°C 10sec 3 cycles	yes		matte tin
	EPX 7/9	SMT	B65858A1008T001	yes			02054		yes	yes			260°C 10sec 3 cycles	yes		matte tin
	RM 14	PTH	B65888A2002	yes			03055		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 14	PTH	B65888C1512T001	yes			01504		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 14	PTH	B65888N1010D001	yes			02455		yes				350°C 3.5sec 1 cycle	yes		matte tin
	RM 14	PTH	B65888N1012D001	yes			02455		yes				350°C 3.5sec 1 cycle	yes		matte tin
	E 13	PTH	B66202A1108T001	yes			04204		yes				350°C 3.5sec 1 cycle	yes		matte tin
	E 13	PTH	B66202J1106T001	yes			04315		yes				350°C 3.5sec 1 cycle	yes		matte tin
	E 20	PTH	B66206A1110T001	yes			04204		yes				350°C 3.5sec 1 cycle	yes		matte tin
	E 20	PTH	B66206C1012T001	yes			03363		yes				350°C 3.5sec 1 cycle	yes		matte tin
	E 20	PTH	B66206C1012T001	yes			04085		yes				350°C 3.5sec 1 cycle	yes		matte tin
	E 20	PTH	B66206C1014T001	yes			02414		yes				350°C 3.5sec 1 cycle	yes		matte tin

RoHS and Lead-free Information for EPCOS Products
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DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment COM (2004) 606 final Proposal for a COUNCIL DECISION amending Directive 2002/95/EC of the European Parliament and of the Council for the purposes of establishing the maximum concentration values for certain hazardous substances in electrical and electronic equipment

Product Family	Product Type	Range of ordering code	RoHS information					Resistance to soldering heat resistance according:				Leadfree soldering information			
			ROHS compatible*)	Planned start of production of RoHS compatible components	3rd party certification available (ICP data)	RoHS compatible since date code of Production	Samples of RoHS compatible components available	IEC 60068-2-20 (wave soldering)	IEC 60068-2-58 (Reflow)	JEDEC 20B (Reflow)	JEDEC 20C (Reflow)	Maximum temperature / peak time / cycles	Backward compatible (lead soldering process) if Pb free terminals	MSL (Jedec 20 B/C)	Plating of terminals of RoHS compatible component
E 20	PTH	B66206J1110T001	yes			04193	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 25	PTH	B66208A1110T001	yes			01504	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 25	PTH	B66208A1110T001	yes			04133	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 25	PTH	B66208A2003	yes			03033	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 25	PTH	B66208J1110T001	yes			01504	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 25	PTH	B66208J1110T001	yes			04085	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 25	PTH	B66208K1009T001	yes			03173	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 25	PTH	B66208W1010T001	yes			03292	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 32	PTH	B66230A1114T001	yes			02371	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 32	PTH	B66230A1114T002	yes			03042	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 30	PTH	B66232A1114T001	yes			03292	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 30	PTH	B66232B1114T001	yes			03304	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 30	PTH	B66232J1112T001	yes			02215	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 30	PTH	B66232S1112T001	yes			03285	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 30	PTH	B66232W1010D001	yes			03065	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 42/21/20	PTH	B66243A1018T001	yes			04205	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 42/21/20	PTH	B66243B1012T001	yes			03161	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 42/21/20	PTH	B66243S1012T001	yes			03161	yes				350°C 3.5sec 1 cycle	yes		matte tin	
EC 70	PTH	B66278B1001T001	yes			02331	yes				350°C 3.5sec 1 cycle	yes		matte tin	
EC 70	PTH	B66278B1002T001	yes			02331	yes				350°C 3.5sec 1 cycle	yes		matte tin	
EC 70	PTH	B66278B1011T001	yes			02331	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 6.3 SMD (Pitch 1.85)	SMT	B66296B1006T001	yes			03335		yes			260°C 10sec 3 cycles	yes		matte tin	
E 6.3 SMD (Pitch 2.54)	SMT	B66301B1004T001	yes			03282		yes			260°C 10sec 3 cycles	yes		matte tin	
E 6.3 SMD (Pitch 2.54)	SMT	B66301B1004T002	yes			03404		yes			260°C 10sec 3 cycles	yes		matte tin	
E 6.3 SMD (Pitch 2.54)	SMT	B66301B1006T001	yes			04163		yes			260°C 10sec 3 cycles	yes		matte tin	
E 6.3 SMD (Pitch 2.54)	SMT	B66301B1006T002	yes			04121		yes			260°C 10sec 3 cycles	yes		matte tin	
E 8.8	SMT	B66302D1008T001	yes			03455		yes			260°C 10sec 3 cycles	yes		matte tin	
E 8.8	SMT	B66302D1008T002	yes			03223		yes			260°C 10sec 3 cycles	yes		matte tin	
E 8.8	SMT	B66302S1008T001	yes			03124		yes			260°C 10sec 3 cycles	yes		matte tin	
E 13	SMT	B66306C1010T001	yes			02043		yes			260°C 10sec 3 cycles	yes		matte tin	
E 13	SMT	B66306C1010T002	yes			02343		yes			260°C 10sec 3 cycles	yes		matte tin	
E 16	PTH	B66308A1108T001	yes			04184	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 16	PTH	B66308J1108T001	yes			04173	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 29	PTH	B66359A1013T001	yes			03282	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 29	PTH	B66359B1013T001	yes			03251	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 29	PTH	B66359J1014T001	yes			02312	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 29	PTH	B66359W1013T001	yes			03072	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 29	PTH	B66359X1014T001	yes			02463	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 34	PTH	B66362B1014T001	yes			03291	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 34	PTH	B66362J1014T001	yes			02412	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 34	PTH	B66362W1014T001	yes			03072	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 34	PTH	B66362X1014T001	yes			03072	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 39	PTH	B66364B1016T001	yes			02331	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 39	PTH	B66364B1016T001	yes			03312	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 39	PTH	B66364W1016T001	yes			03072	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 44	PTH	B66366B1018T001	yes			03251	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 44	PTH	B66366W1018T001	yes			03072	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 49	PTH	B66368A2001	yes			03045	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 49	PTH	B66368B1020T001	yes			03294	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 49	PTH	B66368W1020T001	yes			03072	yes				350°C 3.5sec 1 cycle	yes		matte tin	
E 36	PTH	B66390A1016T001	yes			02262	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 54	PTH	B66396A1022T001	yes			04353	yes				350°C 3.5sec 1 cycle	yes		matte tin	
ETD 59	PTH	B66398A1024T001	yes			04353	yes				350°C 3.5sec 1 cycle	yes		matte tin	
EFD 15	PTH	B66414B1008D001	yes			04202	yes				350°C 3.5sec 1 cycle	yes		matte tin	
EFD 15	SMT	B66414B6008T001	yes			02043		yes			260°C 10sec 3 cycles	yes		matte tin	
EFD 15	PTH	B66414W1008D001	yes			04095	yes				350°C 3.5sec 1 cycle	yes		matte tin	
EFD 20	PTH	B66418B1008D001	yes			04292	yes				350°C 3.5sec 1 cycle	yes		matte tin	
EFD 20	PTH	B66418W1008D001	yes			03332	yes				350°C 3.5sec 1 cycle	yes		matte tin	
EFD 25	PTH	B66422W1010D001	yes			03353	yes				350°C 3.5sec 1 cycle	yes		matte tin	
EFD 30	PTH	B66424W1012D001	yes								350°C 3.5sec 1 cycle	yes		matte tin	
EP 20	PTH	B65848D1010D001	no	July 2005										matte tin	
RM 14	PTH	B65888C1010D001	no	July 2005										matte tin	
EP 7	PTH	B65840S1004D001	no	July 2005										matte tin	
RM 6	SMT	B65821J1008T001	no	July 2005										matte tin	
RM 14	PTH	B65888C1012D001	no	July 2005										matte tin	
EP 7	SMT	B65840N106T002	no	July 2005										matte tin	
ETD 59	PTH	B66398W1024T001	no	July 2005										matte tin	
RM 12	PTH	B65816A1011D001	no	July 2005										matte tin	
RM 12	PTH	B65816A1012D001	no	July 2005										matte tin	
E 25		B66208A2001X000	no	July 2005							n.a.	yes		matte tin	
EP 17		B65846J2000X000	no	July 2005							n.a.	yes		matte tin	
P 11x7	PTH	B65535B0002X000	no	July 2005								yes		matte tin	
P 11x7	PTH	B65535B0003X	no	July 2005								yes		matte tin	
E 20	PTH	B66206J1106T001	no	July 2005								yes		matte tin	
P 11x7	PTH	B65532J1008D001	no	July 2005								yes		matte tin	
EP 13	PTH	B65544C1010D002	no	July 2005								yes		matte tin	
RM 4		B65804P2203X000	no	July 2005							n.a.	yes		matte tin	
E 20	PTH	B66206J1106T002	no	July 2005								yes		matte tin	
P 36x22	PTH	B65615B0001X000	no	July 2005								yes		matte tin	
P 9x5	PTH	B65518D2001X000	no	July 2005								yes		matte tin	
P 9x5	PTH	B65518D2002X000	no	July 2005								yes		matte tin	
RM 4	PTH	B65804R1006D001	no	July 2005								yes		matte tin	
ETD 54	PTH	B66396W1022T001	no	July 2005								yes		matte tin	

RoHS and Lead-free Information for EPCOS Products
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*) RoHS compatible is defined as compatible with the following documents:

DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment COM (2004) 606 final Proposal for a COUNCIL DECISION amending Directive 2002/95/EC of the European Parliament and of the Council for the purposes of establishing the maximum concentration values for certain hazardous substances in electrical and electronic equipment

Product Family	Product Type	PTH	Range of ordering code	RoHS information					Resistance to soldering heat resistance according:				Soldering conditions				
				ROHS compatible*)	Planned start of production of RoHS compatible components	3rd party certification available (ICP data)	RoHS compatible since date code or Start of Production	Samples of RoHS compatible components available	IEC 60068-2-20 (wave soldering)	IEC 60068-2-58 (Reflow)	JEDEC 20B (Reflow)	JEDEC 20C (Reflow)	Maximum temperature / peak time / cycles	Backward compatible (lead soldering process) if Pb free terminals	MSL (Jedec 20 B/C)	Plating of terminals of RoHS compatible component	
	EFD 25		B6642B1010D001	no	July 2005										yes		matte tin
	EP 10		B65842C2000X000	no	July 2005										n.a.	yes	matte tin
	EP 13		B65844C2000X000	no	July 2005										n.a.	yes	matte tin
	EP 10	PTH	B65842C1008D001	no	July 2005										yes		matte tin
	ER 9.5	SMT	B65527B1008T001	no	July 2005										yes		matte tin
	RM 4	SMT	B65804B6006T002	no	July 2005										yes		matte tin
	EP 7	PTH	B65840S1004D002	no	July 2005										yes		matte tin
	EP 13	SMT	B65844F1110T001	no	July 2005										yes		matte tin
	EP 7		B65840D2001X000	no	July 2005										n.a.	yes	matte tin
	EFD 30	PTH	B6642B1012D001	no	July 2005											yes	matte tin
	ER 42	PTH	B66348A1018T001	no	July 2005										yes		matte tin
	EC 35/17/10	PTH	B66272J1013T001	no	July 2005										yes		matte tin
	EP 10		B65842A2000X000	no	July 2005										n.a.	yes	matte tin
	RM 5		B65806A2203X000	yes	July 2005										n.a.	yes	matte tin
	P 36x22		B65612B T 3	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	matte tin
	adjusting screw N22 M2		B65812B3002X 22	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer. P22X13		B65662A5002	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	threaded sleeve M2.3		B65579K 1	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM14		B65888B2005	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM14		B65888B5000	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM14		B65888B5000	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former P41X25		B65622A M 1	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former P41X25		B65622A M 2	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former P41X25		B65622A M 3	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	screw driver		B63399B 4	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM 7		B65820A5000	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM 7		B65820A5000	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM 7		B65820C2005	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM12		B65816D2005	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM12		B65816B5000	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	cap E 6.3		B66301B2000	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	cap WEISS E 6.3		B66301C2000	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	cap E8.8		B66302A2000	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	choke EF12,6		B66202A2010	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former PS30,5		B65942B T 1	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former P9X2,8		B65936A T 1	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM10		B65814B2005	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM10		B65814B5000	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw N22 M1,4		B65806C3001X 22	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	threaded sleeve M1,4		B65806K3002	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw N22 M1,4		B65806A3002X 22	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw N22 M2,3		B65579B 1X 23	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw K1 M1,4		B65539C1002X 1	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw N22 M1,4		B65539C1002X 22	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw K 1 M1,4		B65539C1003X 1	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	clamp ER 9.5		B65527A2000X	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw SI 1 M1,4		B65539C1003X101	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw SI 1 M1,4		B65518C3000X101	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former P9,5		B65522B T 2	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	screwdriver		B63399B 1X	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw K1 M1,4		B65518C3000X 1	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw N22 M1,4		B65518C3000X 22	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	RM 8 E.clamp		B65812A2204	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	threaded sleeve		B65812A3001	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM8		B65812A5000	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw N22 M2		B65812B3003X 22	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM8		B65812C2005	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	RM 8 E.clamp		B65812A2204	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	threaded sleeve		B65810L3002	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	RM 6 LP clamp		B65808P2204	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	threaded sleeve M2		B65808L3002	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM 6		B65808C2005	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	RM 6 E.clamp		B65808J2204	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	RM 6 E.clamp		B65808J2204	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM 6		B65808A5000	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	RM 5 E.clamp		B65806J2204	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM5		B65806A5000	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM 5		B65806D2005	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	RM 5 E.clamp		B65806J2204	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM 5 B.		B65806A2025	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	RM 4LP E.clamp		B65804P2204	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM 4		B65804C2005	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM 4		B65804A5000	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM 4		B65804C2005	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former PM114X93		B65734B1000T 1	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former PM 87X70		B65714J1000T 1	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer P30		B65702A5000	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer P30X19		B65702A5002	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former 30X19/1		B65702B T 1	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former P30X19/2		B65702B T 2	yes				SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	

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Product Family	Product Type	Range of ordering code	RoHS information					Resistance to soldering heat resistance according:				Soldering conditions			
			ROHS compatible*)	Planned start of production of RoHS compatible components	3rd party certification available (ICP data)	RoHS compatible since date code or Start of Production	Samples of RoHS compatible components available	IEC 60068-2-20 (wave soldering)	IEC 60068-2-58 (Reflow)	JEDEC 20B (Reflow)	JEDEC 20C (Reflow)	Maximum temperature / peak time / cycles	Backward compatible (lead soldering process) if Pb free terminals	MSL (Jedec 20 B/C)	Plating of terminals of RoHS compatible component
	coil former PM 74X59	B65687A1000T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former PM 74X59	B65687A1000T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former PM 62X49	B65685A1000T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer P26	B65672B5000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw N22 M3	B65679E 1X 22	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw N22 M3	B65679E 2X 22	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw N22 M3	B65679E 3X 22	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	threaded sleeve M3	B65679L 3	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer P26X16	B65672A5002	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer P26X16	B65672A5002	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former P26X16	B65672B T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	threaded sleeve	B65669L 4	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer P22	B65662A5000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer P22X13	B65662A5002	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former P22X13	B65662B T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	RM 6 O.ERDF.R.BAND	B65808J2206X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	RM 4LP E.clamp	B65804P2204X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer P30X19	B65702A5002X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	P30X19 cap	B65705A2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer P9X 5	B65522A5000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	P9X22 choke	C61035A 16C102	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	EFD30/15/9 choke	B66424B2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	EFD30/15/9 choke	B66424B2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	EFD25/13/9 choke	B66422B2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	EFD20/10/7 choke	B66418B2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	EFD15/8/5 choke	B66414B2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	cover plate.E13/EFD15	B66414A7000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	ETD59 choke	B66398A2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	ETD54 choke	B66396A2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	ETD49 choke	B66368A2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	ETD44 choke	B66366A2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	ETD39 choke	B66364A2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	ETD34 choke	B66362A2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	ETD29 choke	B66359A2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	EF16 LAUSF. choke	B66308A2001	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	EF16 choke	B66308A2010	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	EV 30 cap	B66298A2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	EI 32 clamp	B66288F2204	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former E42/15	B66242J1000R 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former E55/28/21	B66252B M 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former EC 35	B66272A1000T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	EF32 choke	B66230A2010	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	E30 choke	B66232A2010	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw K 1 M2	B65659F 1X 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw N22 M2	B65659F 1X 23	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw SI 1 M2	B65659F 1X101	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw N22 M2	B65659F 3X 23	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw N22 M2	B65659F 4X 23	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	threaded sleeve M2	B65659J 2	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer P18	B65652A5000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer P18X11	B65652A5002	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former P18X11	B65652B T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former P18X11	B65652B T 2	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former E70	B66372A1000T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	ER42/22/15 Becher	B66348A2001T	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	EF25 choke	B66208A2010	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	clamp EF 12,6	B66202J2001X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM14	B65888B2005	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former PM 50X39	B65647A1000T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former P41X25	B65622A M 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer P36	B65612A5000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former P36X22	B65612B T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw N22 M2	B65549E 4X 23	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	threaded sleeve	B65549J 2	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer P14	B65542A5000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer P14X 8	B65542A5002	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former P14X8	B65542B T 2	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw N22 M2	B65549E 3X 23	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	adjusting screw SI 1 M2	B65549E 3X101	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer P11 X 7	B65532A5000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former P11X7	B65532B T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	ER11 SMD choke	B65526A2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	threaded sleeve	B65518J3000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former P9X5	B65522B T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former P7X4	B65512C T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	coil former P7X4	B65512C T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	screwdriver	B63396A1007	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	EFD30/15/9 choke	B66424B2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
	washer RM10	B65614B2005	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	

RoHS and Lead-free Information for EPCOS Products
as of February 2005

*) RoHS compatible is defined as compatible with the following documents:

DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment COM (2004) 606 final Proposal for a COUNCIL DECISION amending Directive 2002/95/EC of the European Parliament and of the Council for the purposes of establishing the maximum concentration values for certain hazardous substances in electrical and electronic equipment

Product Family	Product Type	Range of ordering code	RoHS information					Resistance to soldering heat resistance according:				Soldering conditions				
			ROHS compatible*)	Planned start of production of RoHS compatible components	3rd party certification available (ICP data)	RoHS compatible since date code or Start of Production	Samples of RoHS compatible components available	IEC 60068-2-20 (wave soldering)	IEC 60068-2-58 (Reflow)	JEDEC 20B (Reflow)	JEDEC 20C (Reflow)	Maximum temperature / peak time / cycles	Backward compatible (leaded soldering process) if Pb free terminals	MSL (Jedec 20 B/C)	Plating of terminals of RoHS compatible component	
	washer RM10 B	B65814B5000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM12	B65816B5000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM8	B65812A5000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM8	B65812A5000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM8	B65812C2005	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM 6	B65808C2005	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	adjusting screw M2,3 N22	B65579B 3X 23	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	coil former RM12	B65816J1000T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer P14X 8	B65542A5002	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	RM10 0/1 coil former	B65814J1000T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	coil former RM10	B65814J1000T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	adjusting screw SI 1 M1,4	B65539C1002X101	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer P11X 7	B65532A5000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	P11X7 clamp	B65532B T 2	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	adjusting screw N22 M2	B65812B3001X 22	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	adjusting screw SI 1 M2	B65812B3001X101	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM 5	B65806D2005	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM14	B65888B5000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	screwdriver	B63399B 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	EFD20/10/7 choke	B66418B2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	EFD25/13/9 choke	B66422B2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	EFD31/9/9 choke	B66424B2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD54 choke	B66366Y2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD54 choke	B66366Y2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD59 choke	B66398A2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD59 choke	B66398Y2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD59 choke	B66398Y2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	cover plate 13/EFD15	B66414A7000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	EFD15/8/5 choke	B66414B2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD44 choke	B66366A2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD44 choke	B66366Y2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD44 choke	B66366Y2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD49 choke	B66368A2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD49 choke	B66368Y2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD49 choke	B66368Y2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD54 choke	B66396A2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD34 choke	B66362Y2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD34 choke	B66362Y2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD39 choke	B66364A2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD39 choke	B66364Y2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD39 choke	B66364Y2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD29 choke	B66359Y2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD29 choke	B66359Y2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD34 choke	B66362A2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ETD29 choke	B66359A2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	coil former PM114X93	B65734S1000T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	cap E8,8	B66302A2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	EF16 L_AUSF. choke	B66308A2001X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	EF 16 choke	B66308A2010X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	EI 32 clamp	B66288F2204X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	EV 30 cap	B66298A2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	cap E 6,3	B66301B2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	cap E 6,3	B66301C2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	EF32 choke	B66230A2010X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	E30 choke	B66232A2010X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	coil former PM 62X38	B65695C1000T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	EF12,6 choke	B66202A2010X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	EF20 choke	B66206A2001X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	EF20 choke	B66206A2010X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	EF25 choke	B66208A2001X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	EF25 choke	B66208A2010X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	adjusting screw M3 SI 1	B65679E 2X101	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	P26X16/2 coil former	B65672B T 2	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	P26X16 coil former	B65672B T 3	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM14	B65888B2005X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM 7	B65820A5000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM 7	B65820C2005X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washerRM10 BAND	B65814B5000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM12	B65816B5000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM12	B65816D2005	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM12	B65816D2005X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM8	B65812C2005X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM10	B65814B2005X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	threaded sleeve M2	B65808L3002X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	RM 6 LP clamp	B65808P2204X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	threaded sleeve	B65810L3002X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	RM 5 E clamp	B65812A2204X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	threaded sleeve	B65812A3001X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM8	B65812A5000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

RoHS and Lead-free Information for EPCOS Products
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*) RoHS compatible is defined as compatible with the following documents:

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Product Family	Product Type	Range of ordering code	RoHS information					Resistance to soldering heat resistance according:				Leadfree soldering information				
			ROHS compatible*)	Planned start of production of RoHS compatible components	3rd party certification available (ICP data)	RoHS compatible since date code of Production	Samples of RoHS compatible components available	IEC 60068-2-20 (wave soldering)	IEC 60068-2-58 (Reflow)	JEDEC 20B (Reflow)	JEDEC 20C (Reflow)	Maximum temperature / peak time / cycles	Backward compatible (lead soldering process) if Pb free terminals	MSL (Jedec 20 B/C)	Plating of terminals of RoHS compatible component	
	adjusting screw N22 M2,6	B65669D 7X 22	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	adjusting screw M2,6X0,35 K 1	B65669D 9X 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	adjusting screw N22 M2,6	B65669D 11X 22	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	adjusting screw N22 M2,6	B65669E 6X 22	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	P22X13 coil former	B65662B T 2	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	coil former P22X13	B65662B T 3	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM 6	B65808A5000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM 6	B65808C2005X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	RM 5 E clamp	B65808J2204X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	RM 6 E clamp	B65808J2204X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	RM 6 O clamp	B65808J2206	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM 5	B65806D2005X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	RM 5 E clamp	B65806J2204X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	threaded sleeve M1,4	B65806K3002X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM 6	B65808A5000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM 4	B65804A5000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM 4	B65804C2005X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM 5 B.	B65806A2025X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer RM5	B65806A5000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	threaded sleeve M3	B65679L 3X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer P30	B65702A5000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer P30X19	B65702A5002	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	P30X19 cap	B65705A2000	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	threaded sleeve M2	B65669J 2X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer P22	B65662A5000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer P22X13	B65662A5002X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	threaded sleeve	B65669L 4X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer P26X16	B65672A5002X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer P26	B65672B5000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer P18	B65652A5000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer P18X11	B65652A5002	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer P18X11	B65652A5002X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	adjusting screw SI 1 M2	B65659F 4X101	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer P14	B65542A5000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer P14X 8	B65542A5002X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	coil former P14X8	B65542B T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	threaded sleeve	B65549J 2X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer P36	B65612A5000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	threaded sleeve	B65518J3000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer P9X 5	B65522A5000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	ER11 SMD choke	B65526A2000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	washer P11 X 7	B65532A5000X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	screwdriver	B63399A1007X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	grip	B63399B 5	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	grip	B63399B 5X	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	magazine parts	C61035Z 26C 4	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	MAGAZINE RM4	C61035A 32C 52	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	EF25 choke	B66208A2010	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	EF20 choke	B66206A2010	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	coil former PS25	B65940B T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	coil former PS 47	B65944B T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	coil former PS 68	B65946B T 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	adjusting screw K1 M1,4	B65512A3001X 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	adjusting screw U17 M1,4	B65512A3001X 17	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	adjusting screw K 1 M1,2	B65496A3001X 1	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Ferrite Cores																
	MinZn Ferrite, NiZn Ferrites	B64*, B65*	yes		yes (XRF)	SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	MinZn Ferrite, NiZn Ferrites	B66*, B67*	yes		yes (XRF)	SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
PTC thermistors																
	Overcurrent protection, nonleaded disks	B59***A*	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ag
	Telecom, nonleaded disks	B59***A*	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ag
	Overcurrent protection, SMD	B59***A*	yes			SOP	n/a	yes	yes	yes	260°C, 10sec, 3 cycles	yes	n/a	n/a	Sn	
	Switching application for motorstart, disk types	B59***A*	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ag
	Temperature Sensors, nonleaded disks	B59***A*	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ag
	Temperature Sensors, SMD	B59***A*	yes			SOP	n/a	yes	yes	yes	260°C, 10sec, 3 cycles	yes	n/a	n/a	Sn	
	Heater application, nonleaded disks	B59***A*	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ag or Al
	Overcurrent protection, leaded disks	B59***B* a)	yes			03301	yes	n/a	n/a	n/a	n/a	260°C, 10sec	yes	n/a	n/a	Sn
	Overcurrent protection for Telecom, leaded disks	B59***B* a)	yes			03301	yes	n/a	n/a	n/a	n/a	260°C, 10sec	yes	n/a	n/a	Sn
	Overcurrent protection, leaded disks, encapsulated	B59***C*	yes			03301	yes	n/a	n/a	n/a	n/a	260°C, 10sec	yes	n/a	n/a	Sn
	Overcurrent protection for Telecom, disks encapsulated	B59***C*	yes			03301	yes	n/a	n/a	n/a	n/a	260°C, 10sec	yes	n/a	n/a	Sn
	Switching application, leaded disks, encapsulated	B59***C*	yes			03301	yes	n/a	n/a	n/a	n/a	260°C, 10sec	yes	n/a	n/a	Sn
	Temperature Sensors, leaded disks, encapsulated	B59***C*	yes			03301	yes	n/a	n/a	n/a	n/a	260°C, 10sec	yes	n/a	n/a	Sn
	Level Sensors, housing types	B59***D* b) c) d)	yes			SOP	yes	n/a	n/a	n/a	n/a	260°C, 10sec	yes	n/a	n/a	Sn
	Level Sensors, housing types	B59***E*	no	June 2005			yes	n/a	n/a	n/a	n/a	260°C, 10sec	yes	n/a	n/a	Sn
	Heater application, ring disks, nonleaded	B59***F*	yes			SOP	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ag or Al
	Overcurrent protection for Telecom, SMD types	B59***G* e)	yes			SOP	n/a	yes	yes	yes	260°C, 10sec, 3 cycles	yes	n/a	n/a	Sn	
	Switching application, housing types	B59***J* h)	yes			SOP	yes	n/a	n/a	n/a	n/a	260°C, 10sec	yes	n/a	n/a	Ag

RoHS and Lead-free Information for EPCOS Products

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				RoHS information					Leadfree soldering information				Resistance to soldering heat resistance according:				Soldering conditions		
Product Family	Product Type	Range of ordering code	ROHS compatible*)	Planned start of production of RoHS compatible components	3rd party certification available (ICP data)	RoHS compatible since date code or Start of Production	Samples of RoHS compatible components available	IEC 60068-2-20 (wave soldering)	IEC 60068-2-58 (Reflow)	JEDEC 20B (Reflow)	JEDEC 20C (Reflow)	Maximum temperature / peak time / cycles	Backward compatible (lead soldering process) if Pb free terminals	MSL (Jedec 20 B/C)	Plating of terminals of RoHS compatible component				
	Switching application for motor start, housing types	B59***J* h)	yes					n/a	n/a	n/a	n/a	n/a	n/a	n/a	no				
	Degaussing, housing types	B59***J* h)	yes					yes	n/a	n/a	n/a	260°C, 10sec	yes	n/a	Sn				
	Motor Protection, encapsulated types	B59***M*	no	June 2005			yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn				
	Overcurrent Protection, SMD, encapsulated	B59***P1	yes			SOP		n/a	yes	yes	yes	260°C, 10sec, 3 cycles	yes	2a	Sn				
	Telecom, metallized disks	B59***R*	yes			SOP		n/a	yes	yes	yes	260°C, 10sec, 3 cycles	yes	n/a	Sn				
	Heating application, nonleadless rectangular element	B59***R*	yes			SOP		n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ag or Al				
	Degaussing, leaded disks, encapsulated	B59***S f)	yes					n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ag or Al				
	Temperature Sensors, leaded disks, encapsulated	B59***S f)	yes			leaded : 03301 housing : SOP		leaded : yes housing : n/a	n/a	n/a	n/a	n/a	leaded : yes housing : n/a	n/a	Sn or Ag				
	Switching application, leaded disks, encapsulated	B59***S f)	yes			metallized disks : SOP		n/a	n/a	n/a	n/a	260°C, 10 sec	n/a	n/a	Sn or Ag				
	Overcurrent protection	B59***S f)	yes					n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn or Ag				
	Overcurrent protection for Telecom	B59***S f)	yes					n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn				
	Degaussing, housing types	B59***T*	yes			SOP		yes	n/a	n/a	n/a	260°C, 10 sec	yes	n/a	Sn				
	Overcurrent protection for Telecom, housing types	B59***T*	yes			SOP		n/a	yes	yes	yes	260°C, 10sec, 3 cycles	yes	n/a	Sn				
	Heating application	B59***U* g)	yes					n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ag or Al				
	Degaussing application	B59***U* g)	yes			leaded : 03301 housing : SOP		leaded : yes housing : n/a	n/a	n/a	n/a	260°C, 10 sec	leaded : yes housing : n/a	n/a	Sn or Ag				
	Temperature sensor application	B59***U* g)	yes			metallized disks : SOP		n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn or Ag				
	Overcurrent protection	B59***U* g)	yes					n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn				
	Overcurrent protection for Telecom	B59***U* g)	yes					n/a	n/a	n/a	n/a	260°C, 10sec	yes	n/a	Sn				
a) except	Overcurrent protection, leaded rods, uncoated	B5940T*	no	June 2005				n/a	n/a	n/a	n/a	260°C, 10 sec	yes	n/a	Sn				
b) except	Temperature Sensors, Probe Assemblies	B596*D*	no	June 2005				yes	n/a	n/a	n/a	260°C, 10sec	yes	n/a	Sn				
c) except	Temperature Sensors, Probe Assemblies	B59801D*	yes			03301		yes	n/a	n/a	n/a	260°C, 10sec	yes	n/a	Sn				
d) except	Temperature Sensors, Probe Assemblies	B59901D*	no	June 2005				yes	n/a	n/a	n/a	260°C, 10sec	yes	n/a	Sn				
e) except	Heating application, leaded type	B59***G1*	yes			03301		yes	n/a	n/a	n/a	260°C, 10sec	yes	n/a	Sn				
f) except	Heating application, housing types	B59***S1*	no	June 2005				n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn				
	Motor Protection, encapsulated types	B59***S1*	no	June 2005				n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn				
g) except	Motor Protection, encapsulated types	B59***U1*	no	June 2005				n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn				
h) except	Heating application, housing types	B59***J1*	yes			03301		yes	n/a	n/a	n/a	260°C, 10sec	yes	n/a	Sn				
Ceramic Capacitors								approved for wave soldering (please see page 209 of EPCOS databook 2003)											
a) except	MLCC	B37***J c)	yes			SOP		yes	yes	yes	yes	260°C, 10 sec, 3 cycles	yes	n/a	Sn				
b) except	MLCC leaded	B37***G/M/N/F	yes			SOP		no	no	no	no	260°C, 10 sec, 3 cycles	yes	n/a	AgPd				
c) except	MLCC SMD COG	B37920*	yes			03501		n/a	yes	yes	yes	260°C, 10 sec, 3 cycles	yes	n/a	Sn				
		B37930*	yes			01405		yes	yes	yes	yes	260°C, 10 sec, 3 cycles	yes	n/a	Sn, AgPd				
		B37930*	yes			01405		yes	yes	yes	yes	260°C, 10 sec, 3 cycles	yes	n/a	Sn, AgPd				
		B37940*	yes			01405		yes	yes	yes	yes	260°C, 10 sec, 3 cycles	yes	n/a	Sn, AgPd				
		B337871*	yes			01405		yes	yes	yes	yes	260°C, 10 sec, 3 cycles	yes	n/a	Sn, AgPd				
Varistors																			
SMD																			
	CT-Types	B72***T*	yes			03012		n/a	yes	yes	yes	260°C, 10 sec, 3 cycles	yes	n/a	Sn				
	CN-Types	B72***J*	yes			SOP		n/a	no	no	no	260°C, 10 sec, 3 cycles	yes	n/a	AgPd				
	Arrays	B72***A*	yes			03012		n/a	yes	yes	yes	260°C, 10 sec, 3 cycles	yes	n/a	Sn				
	CU-Types	B72***M	yes			SOP		n/a	yes	yes	yes	260°C, 10 sec, 3 cycles	yes	2a	Sn				
	SHCV-Types	B72***E/G/H/J/L	yes			02012		yes	n/a	n/a	n/a	260°C, 10 sec 1 cycle	yes	n/a	Sn				
Non-SMD																			
	Disk Varistors	B72***S*	no	June 2005				yes	n/a	n/a	n/a	260°C, 10 sec 1 cycle	yes	n/a	Sn				
	Strap Varistors	B72***L*	n/a	June 2005				n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn				
	Block Varistors	B72***B*	no	June 2005				n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn				
NTC thermistors																			
	SMD, Ag/Ni/Sn	B57***V*	yes			SOP		n/a	yes	yes	yes	260°C, 10 sec, 3 cycles	yes	n/a	Sn				
	SMD, AgPd	B57***C*	yes			SOP		n/a	no	no	no	260°C, 10 sec, 3 cycles	yes	n/a	AgPd				
	Leadless disks	B57150K*	yes			SOP		n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ag				
	Leadless disks	B57220K*	yes			SOP		n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ag				
	Leadless disks	B57350K*	yes			SOP		n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ag				
	Leadless disks	B57820K*	yes			SOP		n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ag				
	Leadless disks	B57820M*	yes			SOP		n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ag				
	Leaded disks	B57164K*	yes			01305		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn				
	Leaded disks	B57891M*	yes			01305		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn				
	Leaded disks	B57871S*	yes			01305		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn				
	Leaded disks	B57875S*	yes			01305		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn				
	Leaded disks	B57881S*	yes			01305		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn				
	Leaded disks	B57885S*	yes			01305		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn				
	Leaded disks	B57891S*	yes			01305		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn				
	Miniature Sensors	B57867S*	yes			SOP		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn or Ag				
	Miniature Sensors	B57868S*	yes			SOP		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn or Ag				
	Miniature Sensors	B57861S*	yes			SOP		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn or Ag				
	Miniature Sensors	B57862S*	yes			SOP		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn or Ag				
	Miniature Sensors	B57863S*	yes			SOP		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn or Ag				
	Glass-encapsulated Sensors	B57540G* a)	yes			SOP		yes (except Cu-terminated types)	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes (except Cu-terminated types)	n/a	Cu or Sn				
	Glass-encapsulated Sensors	B57550G* b)	yes			SOP													
	Glass-encapsulated Sensors	B57560G* c)	yes			SOP													
	Glass-encapsulated Sensors	B57660G*	yes			SOP													
	Glass-encapsulated Sensors	B57750G*	yes			SOP													
	Inrush Current Limiting	B57153S*	yes			01305		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn				
	Inrush Current Limiting	B57234S*	yes			01305		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn				
	Inrush Current Limiting	B57235S*	yes			01305		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn				
	Inrush Current Limiting	B57236S*	yes			01305		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn				
	Inrush Current Limiting	B57237S*	yes			01305		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn				
	Inrush Current Limiting	B57238S*	yes			01305		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn				

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				RoHS information				Resistance to soldering heat resistance according:				Leadfree soldering information			
Product Family	Product Type	Range of ordering code	ROHS compatible*)	Planned start of production of RoHS compatible components	3rd party certification available (ICP data)	RoHS compatible since date code or Start of Production	Samples of RoHS compatible components available	Resistance to soldering heat resistance according:				Soldering conditions			
								IEC 60068-2-20 (wave soldering)	IEC 60068-2-58 (Reflow)	JEDEC 20B (Reflow)	JEDEC 20C (Reflow)	Maximum temperature / peak time / cycles	Backward compatible (leaded soldering process) if Pb free terminals	MSL (Jedec 20 B/C)	Plating of terminals of RoHS compatible component
	Inrush Current Limiting	B57364S*	yes			01305		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn
	Inrush Current Limiting	B57464S*	yes			01305		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Sn
	Probe Assemblies	B5727*K*	yes			4405		n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn or CuNiZn
	Probe Assemblies	B5727*Z*	yes			4405		n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn or CuNiZn
	Probe Assemblies	B57045K*	no	June 2005				n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn
	Probe Assemblies	B570*0M2*	no	June 2005				n/a	n/a	n/a	n/a	n/a	n/a	n/a	Cu or Sn
	Probe Assemblies	B57005M1*	no	June 2005				n/a	n/a	n/a	n/a	n/a	n/a	n/a	Cu or Sn
	Probe Assemblies	B575*0M*	no	June 2005				n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn
	Probe Assemblies	B5750*K*	no	June 2005				n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn
	Probe Assemblies	B57227K*	no	June 2005				n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ag
	Probe Assemblies	B5770*M*	no	June 2005				n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn or Ag
	Probe Assemblies	B57800M*	no	June 2005				n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn
	Probe Assemblies	B57252K*	no	June 2005				n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn
	Probe Assemblies	B5773*M*	no	June 2005				n/a	n/a	n/a	n/a	n/a	n/a	n/a	Cu or Sn
	Probe Assemblies	B5783*M*	no	June 2005				n/a	n/a	n/a	n/a	n/a	n/a	n/a	Cu or Sn
	Probe Assemblies	B57243K*	no	June 2005				n/a	n/a	n/a	n/a	n/a	n/a	n/a	CuNiZn
a) except	Glass-encapsulated Sensors	B57540G*****2	yes			04495		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Ni
b) except	Glass-encapsulated Sensors	B57550G*****2	yes			04495		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Ni
c) except	Glass-encapsulated Sensors	B57560G*****2	yes			04495		yes	n/a	n/a	n/a	260°C 10 sec 1 cycle	yes	n/a	Ni
Piezo Stacks		B580xx (xx < 60)	yes			SOP		n/a	n/a	n/a	n/a	n/a	n/a	n/a	Sn