



## RoHS-COMPLIANT INFORMATION CHART

RoHS-compliant refers to no Pb, Cd, Cr+6, Hg, PBB or PBDE unless use exempted or within allowable limits.

RoHS 5/6 refers to no Cd, Cr+6, Hg, PBB or PBDE – Pb solder or Pb plating present (Telecom companies may elect to use exemption 7b).

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Ceramic PTC Resettable Fuse CMF-RL, CMF-RLC, CMF-RQ, CMF-RD	Yes	No		6Z	6Z	CMF-SD 12-31-10
Chip Arrays CAT, CAY	No	No	LF	4-1-03	0314	11-1-06
Chip Beads MA, MH, MG, MU, MT, MW, MZ	Yes			6-1-03	0324	
Chip Diodes CD0402, 0603, 1005, 1206, 1408, 2010, 2320, SOD323, CD214A-F, 214A-R, 214B-F, CD214B-R, 214C-F, 214C-R, CD214L-TxxA/CA	Yes			1-1-03 1-1-05 6-1-05 6-1-05	0301 0501 0522 0522	CD2419 10-31-06 CD0402TxxC, LC Q3/10
Chip Diodes CD214A-B, 214A-TxxA/CA, 214B-B CD214B-TxxA/CA, 214C-B, 214C-T xxA/CA, CD216A, 1607	No	Yes	LF	1-1-05	0501	214A-T, 214B-T, 214C-T 12-31-06
Chip Diode Arrays CDNBS08, CDNBS16, CDSOT23, CDSOT236, CDSOT563, CDWBS16, CDSC706, CDDFN2, CDDFN4, CDDFN6, CDDFN10	Yes			1-1-05	0501	CDDFN2-T3.3C 12-31-10
ChipGuard® (CG Series) MLA, MLC, MLD, MLE, MLU	Yes (except MLC)	No		MLC Q3 04	MLC Q3 04	
Chip Inductors CM, CC series	No	No	L	1-1-05	0501	12-31-07
Chip Inductors CE, CF, CI, CS, CV and CW Series	Yes			6-1-03	0326	
Chip Inductor SRF series	Yes	No		2-08		
Chip Resistors CR Series CRA, CRF, CRM, CRT	No	No	LF	4-1-03	0314	Std CR series 11-1-06
Chokes DR221, DR331	Yes			11-01-04	0444	DR332, SM73813
Common Mode Inductors SRF series	Yes	No		8-1-07	0734	
DC-DC Converters (Legacy)	No	Special Request Only	LF			SPT series 6-29-07; M10A, M15A, MD5A, MS5A, MX, MXT, SC10A-3SDAC, SC5A, SD10A, SL10A, SL6A, SLN10A, ST10A, SX, SXT 9-14-07
DC-DC Converters X (T) Series X & XT	Yes			7-05		
DC-DC Converters 3A X, 5A, 10A, 16A	Yes					
Digi-guard MSP	No	Not RoHS compliant - See Gas Tube Protectors - 2377				
Dials: CT-23, CT-26, H-22, H-23, H- 46, H-491, H-492, H-493, H-494, H-506, H550	Yes	Part number has not and will not change				H-550 4Q/08; H-490 4Q/10

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Digital Subscriber Line Products (DSL)	No	Special Request Only	LF			
Discrete TVS Diodes SMAJ, SMBJ, SMCJ, SMLJ	Yes	No		2-2010		
Encoders: 3315	No	No	L	Q4 2005		
EAW	No	No	L	9-30-05		8-1-06
EC, EN, EPS, ES	No	Yes	L	9-30-05		
EM14, PEC11, PEC12, PEC16, PES12	Yes	Part number has not and will not change				
Filters PT61004, PT61005, PT61008	No	Yes	L	Q3 05	0528	
Fuel Cards (3714X Series)	Yes	Custom parts				
Gas Discharge Tube (GDT) 20xx, 3617	No	Yes	LF	1Q 2005	0305	GxxxxAS 6-30-11
Gas Tube Protectors 2022-xx, 2374-01, 2375-01, 2377-xx, 2378-xx, 2410-xx, 2420-xx	No	No, 5/6 only				
Hybrids	No	Custom parts	LF			
Inductors (Through-hole) RLB, PT121xxSL, FSR, LPA and LPV	No	No	L	6-1-05	0524	PT121xxL (RoHS compliant) 5-1-06
Integrated Passive & Active Devices (Chip Scale Packaging) 2FAA, 2FAD, 2FAH	No	No	LF	1-1-05	0501	8-13-07; 8-2009 0.5mm DFN pkg
JW Miller Models	No	No	RC	7-1-07	0726	3000, 3500; 4-1-10 PM0402, PM0402T, PM0603HT, PM0805GH, PM0805CM, PM1008M, PM1206CM, PM1210G, PM1812G, PMCxxxx, PMHxxxx, PMAxxxx
Line Filters SRF	Yes	No				
Line Protection Modules (Surge Networks)	Yes	Limited	LF	1-31-07	0701	
Linear Motion Potentiometers 3046, 3048	Yes					
MF-D	Yes			7-8-02	N/A	
MF-FSMF	Yes			3-1-09	0909	
MF-LL	Yes			11-1-08	0820	
MF-LR and MF-LS	Yes			7-8-02	2189T	
MF-LSMF	Yes			11-07		
MF-MSMF, MF-NSMF	Yes			11-18-03	113X	MF-MSMD 6-30-06
MF-PSMF	Yes			11/07	0737	
MF-R (small) & MF-R (large)	No	No	-99 (note 1)	3-31-05	0512	
MF-R/90	Yes			7-9-02	2190S	
MF-R/600	Yes			5-1-03	35001K	
MF-RG	Yes			7-9-02	5106A	
MF-RHT	Yes			7-8-04	4190S	
MF-RX	No	No	-99 (note 1)	3-31-05	0512	
MF-RX/72	Yes			4-19-04	4110S	
MF-RX/250	Yes			5-1-03	35001K	
MF-S and MF-SVS	Yes			7-9-02	2190S	

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MF-SM (small) & MF-SM (large)	No	No	-99 (note 1)	3-31-05	0512	
MF-SM/250	Yes			7-9-02	B2	
MF-SM/250V	Yes			5-1-03	A5	
MF-SMDF	Yes			4-19-04	5041	
MF-SMHT	Yes			7-9-02	B2	
MF-USMF	Yes			6-8-04	6L	MF-USMD 6-30-06
MF-VS and MF-VSN	Yes			7-8-02	2190S	
Modular Contacts	Yes 70AAJ & 70AAM	No		70ADH-x-MLx 8-1-05 70ADJ-x-MLx 8-1-05 70ADH-2,3,6-FLx 12-1-05 70ADH-4,5-FLx 8-1-05 70ADJ-2,3,6-FLx 12-1-05 70ADJ-4,5-FLx 8-1-05		
Networks (models 4600X, M, H)	No	No	LF	1-1-05	0501	4600X, H, M - 12-1-06
Networks (models 4800P)	No	Yes	LF	1-1-05	0501	Q1 2011
Networks (models 4100R, 4300H,M, R)	No	Yes	LF	1-1-05	0501	Q1 2011
Networks (models 4100T; 4300K,S,T; 4400T, 4800T)	No	Yes	L	1-1-05	0501	Q1 2011
Networks (model 4400P)	No	No	LF	1-1-05	0501	4400P - 1-1-05
NID box without protectors (protectors listed under GDT)	Yes					
Panel Controls (Single Turn) 39	Yes					
52	No					Discontinued 12/06
51, 53	No	No	L			EOL Std model 9-29-06
81, 82, 85, 86, 91, 92, 93, 94, 95, 96, 99	No	Yes	L			
87, 88, 89						Discontinued 12/06
PC	No	No	L	9-30-05		EOL Std model 9-29-06
PDA17, PDA24, PDB12, PDB18, PDB182, PDB183, PDB184, PDV, PRM16, PSM, PTA, PTB, PTD90, PTH90, PTJ90, PTM90, PTP90, PTR90, PTT111, PTV09, PTV111, PTV142	Yes	Part number has not and will not change				PDA16 Q4/10 PDA12 9-29-09
3310	No	Yes	L	12-31-04		
3851, 3852, 3856, 3862	No	Yes	L			3-27-09
Panel Controls (Multi-turn) 83, 84	No	Yes	L			
Pot Splitter Series 3610A2, 3611A2, 3612A2						
Power chokes SDE	Yes	No		5-2010		
Power Chokes (non-shielded) SDRxxxx Series (excluding those below)	No	No	L	6-1-04	0424	6-30-05
Power Chokes (non shielded) SDRxxxx series: 1030, 1045, 1305, 7030, 7045	Yes			6-1-04	0424	
Power Chokes SRE	Yes	No		5-2010		
Power Chokes (shielded) SRRxxxx Series excl. those below	Yes			6-1-04	0424	
Power Chokes (shielded) SRR Series: 0603, 0604, 0618, 0906, 0908, 1205, 1206, 1208, 1305, 3011,	No	No	L	6-1-04	0424	6-30-05

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4011, 6603						
Power Chokes (shielded) SRNxxxx, SRP xxxx, SRUxxxx Series	Yes					SRP1050, 1280, 7050 12-2-08 SRP1255 3-31-09
Power Resistors PWR220F,S, PWRxxxx, 10020S, CHF	Yes					PWR10020-4SA/4SB 1-30-09
Precision Potentiometers (Digital Push Button) 3680 series	No	Yes	L	5-3-06		
Precision Potentiometers (Multi-turn) 3600	No					Discontinued 12/06
3610	No					
3400, 3500, 3501, 3700, 3701, 3750, 3751	No	Yes	L	12-31-05		
3540, 3541, 3543, 3545	No	Yes	L	5-31-06		4Q 2010
3547, 3548, 3549	Yes	Part number has not and will not change				
3590	No	Yes	L	5-21-06		
Precision Potentiometers (Single turn) 6534, 6537, 6538, 6539, 6574, 6630, 6637, 6638, 6639, 6657, 6674	Yes	Part number has not and will not change				
3435	No					
Rotary Position Sensor TC88, 3382	Yes					
Rotary Potentiometers 0037, 0074, 0473, 0502, 0503, 0620, 0621	Yes	No		7-1-06		
Sealed Protectors J130S, 356H						
Signal and Dataline Protectors	No		Not available			
SinglFuse SF series	Yes			9-08	0806	
Slide Controls – PDV, PTA, PTB, PTE, PTF, PTL, PTS	Yes					
Switches (DIP) SDHH, SDM, SND	Yes					12-31-06 (family obsoleted)
Switches (Push) 1543, 1547	Yes	No		7-1-06		
Switches (Rotary) 7813, 7814	Yes					
Switches (Rotary) 7829	No	Yes	LF	1-05	0501	
Switches (Tact) 7914	Yes					
Switches (Tact) SDT, SDTM, ST_W, STJN-4, STJN-5, STSM, STSS	Yes					12-31-06 (family obsoleted)
TBU	Yes	No				
Telefuse™ B1250T and B0500T	Yes					
Thermodisc (TOD)	Custom parts					
Thinfilm Networks 2DIP, 2DTA	No	No	LF	1-1-05	0501	3-31-07 for non-compliant versions of CTA, CTE, CFA, CFB, DIP, DTA, DEA, DTF, DTG, NBS, QSP. 8-13-07 2DAA, 2DAB, 2DAC, 2DAD. 2-09 CFA, CFB, CTA, CTE, DEA, DEB, DTF, DTG. 2NBSLF, 2QSPLF 11-1-10
Transformers	No	Yes	L			
SM-LP-500xE	Yes			3-27-05	0514	
SM7xxxx ; SMxxx	No	Yes	L	3-1-05	0508	
LM-NP/-LP	No	No	L	1-1-06	0601	
PTxxx	No	Yes	L	3-1-05	0508	
PT610xx	No	Yes	L	3-1-05	0508	

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RF2, 3, 4	No	No	L	1-1-06	0601	
Trimmers 0655, 0042	Yes	No		7-1-06		
Trimmers – Consumer (Surface Mount Cermet) 3302, 3303, 3364, TC03, TC33, TC33B, TC42, TC43	No Yes TC33	No		4-1-04	0401	EOL TC34, TC86, TC89 8/06; TC43 EOL 3-27-09
Trimmers – Consumer (Surface Mount Carbon) TC73	Yes	Part number has not and will not change				
Trimmers – Consumer (Through Hole Cermet) 3306, 3309	Yes	Part number has not and will not change				3309P-2/3,W-2/3 03-09
Trimmers – Consumer (Through Hole Carbon) 3319	No	No		6-1-04	0426	3318PSGB 8-06; 3319P2/3,W2/3 Q1-09; 3318F/K 12/10
Trimmers – Industrial (Surface Mount) 3269, 3361	No	Yes	LF	3-1-05	0509	
Trimmers – Industrial (Surface Mount) 3214, 3223, 3224, 3312, 3313, 3314	No	No		3-1-05	0509	
Trimmers – Industrial (Through Hole Cermet) 20, 3006, 3009, 3059, 3082, 3252, 3262, 3266, 3269, 3292, 3296, 3299, 3329, 3339, 3352, 3362, 3386	No	Yes	LF	3-1-05	0509	Model 20 (std & LF) – 06/10; 3266-LTC, 3296-LTC, 3296-LC2 10-31-09
Trimmers – Industrial (Through Hole Wirewound) 3005, 3057, 3250, 3260, 3290, 3345	Yes	Part number has not and will not change				
Trimmers – Military (Cermet) RJ12, RJ22, RJ24, RJ26, RJ26, RJ26, RJ50, RJ50	No	Military part numbers has not changed. No RoHS version available.				
Trimmers – Military (Wirewound) RT12, RT22, RTR22, RT24, RTR24, RT26, RTR26	No	Military part numbers has not changed. No RoHS version available.				
<b>TISP – (Thyristor Surge Protectors)</b> TISP1xxxH3BJR, TISP3xxxT3BJR, TISP4xxxxxBJR, TISP4xxxxxAJR, TISP5xxxH3BJR	No	No	-S	3-5-2004	0419	7-31-05
TISPxxxxF3DR, TISP6xxxxxxDR, TISP82xxxDR, TISPPBLxDR	No	No	-S	6-5-2004	0419	7-31-05
TISPxxxxF3SL, TISPxxxxH3SL	No	No	-S	6-5-2004	0419	7-31-05
TISP4xxxxLM, TISP4xxxxLMR, TISP4xxxxLMFR	No	No	-S	1-12-04	0449	7-31-05; some -S ranges 6-30-10
TISP6xxxxHDMR, TISP9xxxLDMR	Yes	No	-S	1-9-04	0436	7-31-05
TISP4AxxxxBJR, TISP4CxxxxBJR	No	No	-S	3-5-04	0419	7-31-05
TISPxxxx, TISP4xxxLP, TISP4xxxF3LP	No	No	-S	1-12-04	0449	7-31-05; some –S ranges 6-30-10
<b>TRANSISTORS</b> BDxxx, BDxxxx, BDTxx, BDTxxx, BDVxx, BDVxxx, BDWxx, BDWxxx, BDXxx, BDXxxx, BUxxx, BUTxx, BUVxx, BUXxx, TIPxx, TIPxxx, TIPLxxx, TIPLxxxx, TIPPxx, TIPxxx	No	No	-S	1-12-04	0449	7-31-05; some TIPP-S ranges 6-30-2010
<b>SCRs &amp; TRIACS</b> TICxxx, TICPxxx, TICCxxxxR	No	No	-S	1-12-04	0449	7-31-05; some TICP-S ranges 6-30-2010
<b>LIGHTING PRODUCTS</b> BULxxx, Y1112, Y1112L	No	No	-S	1-12-04	0449	7-31-05

- 1 During the changeover to RoHS compliant production, a -99 suffix has been applied to identify the RoHS compliant parts. Since all production as of March 31, 2005 is now RoHS compliant, the suffix -99 is no longer needed but can still be used where that identification is preferred.