

Cornell Aluminum Electrolytics RoHS Compliance Worksheet

Series or Type	Description or Photo	RoHS Compliance Identification on Device	Termination Finish	PB Free	RoHS Compliant	Compliant Part Number	Package Marking	Date Compliant	Moisture Sensitivity Level (IPC/JEDEC J-STD-020C)	Soldering Conditions (Temp/Time)	Notes
DCMC/DCMX	SCREW TERMINAL ALUMINUM ELECTROLYTIC CAPACITORS	N	N/A	<1000 PPM	Y	No Change	RoHS Compliance Marking on Unit Container (box label)	4/1/2005	N/A	N/A	
500C/500X	SCREW TERMINAL ALUMINUM ELECTROLYTIC CAPACITORS	N	N/A	<1000 PPM	Y	No Change	RoHS Compliance Marking on Unit Container (box label)	4/1/2005	N/A	N/A	
520C	SCREW TERMINAL ALUMINUM ELECTROLYTIC CAPACITORS	N	N/A	<1000 PPM	Y	No Change	RoHS Compliance Marking on Unit Container (box label)	4/1/2005	N/A	N/A	
550C	SCREW TERMINAL ALUMINUM ELECTROLYTIC CAPACITORS	N	N/A	<1000 PPM	Y	No Change	RoHS Compliance Marking on Unit Container (box label)	4/1/2005	N/A	N/A	
101C	SCREW TERMINAL ALUMINUM ELECTROLYTIC CAPACITORS	N	N/A	<1000 PPM	Y	No Change	RoHS Compliance Marking on Unit Container (box label)	4/1/2005	N/A	N/A	
139R	SCREW TERMINAL ALUMINUM ELECTROLYTIC CAPACITORS	N	N/A	<1000 PPM	Y	No Change	RoHS Compliance Marking on Unit Container (box label)	4/1/2005	N/A	N/A	
125	SCREW TERMINAL ALUMINUM ELECTROLYTIC CAPACITORS	N	N/A	<1000 PPM	Y	No Change	RoHS Compliance Marking on Unit Container (box label)	4/1/2005	N/A	N/A	
3186/3188/3110/3120/3191/3192/3199/3198	SCREW TERMINAL ALUMINUM ELECTROLYTIC CAPACITORS	N	N/A	<1000 PPM	Y	No Change	RoHS Compliance Marking on Unit Container (box label)	4/1/2005	N/A	N/A	
380LQ/381LQ/381LR/381EL	Snap-in Electrolytic capacitors	N	Tin/Copper/Steel	<1000 PPM	Y	No Change	Pb Free Marking on Unit Container (box label)	1/1/2005	N/A	260C/10s	
380LX/381LX	Snap-in Electrolytic capacitors (2-pin)	N	Tin/Copper/Steel	<1000 PPM	Y	No Change	Pb Free Marking on Unit Container (box label)	9/1/2005	N/A	260C/10s	
382LX/383LX	Snap-in Electrolytic capacitors (more than 2 pins)	N	Tin/Copper/Steel	<1000 PPM	Y	No Change	Pb Free Marking on Unit Container (box label)	1/1/2006	N/A	260C/10s	
066, 066R, 057, M39018/03	Large axials	N	Copper/tin-lead solder	N	N	N/A	No change	No Plans for compliance	N/A	260C/10s	

300/301/301A/361R/33 1/325/326/350/351 (0.750" DIA. AND LARGER)	Radials	N	Copper/tin solder	<1000 PPM	Y	No Change	Pb Free Marking on Unit Container (box label)	4/1/2006	N/A	260C/10s
300/301/301A/361R (18MM DIA. AND SMALLER)	Radials	N	Copper/tin solder	N	N	No Change	No change	N/A	N/A	260C/10s
MLP/MLS	Flatpacks	N	Copper/tin- lead solder	N	N	N/A	No change	All	N/A	260C/10s
4CMC, 400C, 420C, 450C, 4CMX, 400X, 450	PC Mount	N	Tinned copper clad	<1000 PPM	Y	No Change	No change	1/1/2006	N/A	260C/10s
380/381, 380X/381X	Snap-in Electrolytic capacitors (2-pin)	N	Copper/tin solder	<1000 PPM	Y	No Change	Pb Free Marking on Unit Container (box label)	4/1/2006	N/A	260C/10s
7P, ST	Photoflash and Strobe Snap-in (2-pin)	N	Tin/Copper/ Brass	<1000 PPM	Y	No Change	Pb Free Marking on Unit Container (box label)	9/1/2005	N/A	260C/10s
PF	SCREW TERMINAL ALUMINUM ELECTROLYTIC CAPACITORS	N	N/A	<1000 PPM	Y	No Change	Pb Free Marking on Unit Container (box label)	4/1/2005	N/A	N/A
SK	MINIATURE RADIAL ALUMINUM ELECTROLYTIC CAPACITORS	N	Tinned copper clad	<1000 PPM	Y	No Change	RoHS Compliance Marking on Unit Container (carton, reel,bag)	1/1/2000	N/A	260'C/5s
SEK	MINIATURE RADIAL ALUMINUM ELECTROLYTIC CAPACITORS	N	Tinned copper clad	<1000 PPM	Y	No Change	RoHS Compliance Marking on Unit Container (carton, reel,bag)	1/1/2000	N/A	260'C/5s
SN	MINIATURE RADIAL ALUMINUM ELECTROLYTIC CAPACITORS	N	Tinned copper clad	<1000 PPM	Y	No Change	RoHS Compliance Marking on Unit Container (carton, reel,bag)	1/1/2000	N/A	260'C/5s
SS	MINIATURE RADIAL ALUMINUM ELECTROLYTIC CAPACITORS	N	Tinned copper clad	<1000 PPM	Y	No Change	RoHS Compliance Marking on Unit Container (carton, reel,bag)	1/1/2000	N/A	260'C/5s
SXR	MINIATURE RADIAL ALUMINUM ELECTROLYTIC CAPACITORS	N	Tinned copper clad	<1000 PPM	Y	No Change	RoHS Compliance Marking on Unit Container (carton, reel,bag)	1/1/2000	N/A	260'C/5s
LP	SNAP IN ALUMINUM ELECTROLYTIC CAPACITORS	N	Tinned copper clad	<1000 PPM	Y	No Change	RoHS Compliance Marking on Unit Container (carton, reel,bag)	1/1/2000	N/A	260'C/5s
LPW	SNAP-IN ALUMINUM ELECTROLYTIC CAPACITORS	N	Tinned copper clad	<1000 PPM	Y	No Change	RoHS Compliance Marking on Unit Container (carton, reel,bag)	1/1/2000	N/A	260'C/5s

LPX	SNAP IN ALUMINUM ELECTROLYTIC CAPACITORS	N	Tinned copper clad	<1000 PPM	Y	No Change	RoHs Compliance Marking on Unit Container (carton, reel,bag)	1/1/2000	N/A	260°C/5s
SKA	AXIAL TYPE ALUMINUM ELECTROLYTIC CAPACITORS	N	Sn	<1000 PPM	Y	No Change	N/A	38433	N/A	235°C/2s
SLP	SNAP IN ALUMINUM ELECTROLYTIC CAPACITORS	N	Tinned copper clad	<1000 PPM	Y	No Change	RoHs Compliance Marking on Unit Container (carton, reel,bag)	1/1/2008	N/A	260°C/5s
SLPX	SNAP IN ALUMINUM ELECTROLYTIC CAPACITORS	N	Tinned copper clad	<1000 PPM	Y	No Change	RoHs Compliance Marking on Unit Container (carton, reel,bag)	1/1/2008	N/A	260°C/5s
TC	AXIAL TYPE ALUMINUM ELECTROLYTIC CAPACITORS	N	Sn	N	Y	No Change	N/A	38433	N/A	235°C/2s
TC ≥.625"	AXIAL TYPE ALUMINUM ELECTROLYTIC CAPACITORS	N	Sn/Pb	N	N	No Change	N/A	No Plans for compliance	N/A	260°C/10s
CGH	SCREW TOP TERMINAL	N	N/A	<1000 PPM	Y	No Change	JESD97	Current production on or after April 1, 2005, date code 0514	N/A	N/A
CGO	SCREW TOP TERMINAL	N	N/A	<1000 PPM	Y	No Change	JESD97	Current production on or after April 1, 2005, date code 0514	N/A	N/A
CGI	SCREW TOP TERMINAL	N	N/A	<1000 PPM	Y	No Change	JESD97	Current production on or after April 1, 2005, date code 0514	N/A	N/A
CGR	SCREW TOP TERMINAL	N	N/A	<1000 PPM	Y	No Change	JESD97	Current production on or after April 1, 2005, date code 0514	N/A	N/A
CGS	SCREW TOP TERMINAL	N	N/A	<1000 PPM	Y	No Change	JESD97	Current production on or after April 1, 2005, date code 0514	N/A	N/A
HES	SCREW TOP TERMINAL	N	N/A	<1000 PPM	Y	No Change	JESD97	Current production on or after April 1, 2005, date code 0514	N/A	N/A
VPR ≥.875" DIA	RADIAL LEADED MOLDED HEADER	N	Matte Tin	<1000 PPM	Y	No Change		4/1/2006	N/A	260°C/10s
VPR =.512" DIA	RADIAL LEADED MOLDED HEADER	N			Y	No Change		May, 2004	N/A	260°C/5s
TCX	AXIAL TYPE ALUMINUM ELECTROLYTIC CAPACITORS	N	Tinned Lead	N	N	No Change	N/A	No current plans	N/A	260°C/10s
TCG	AXIAL TYPE ALUMINUM ELECTROLYTIC CAPACITORS	N	Sn/Pb	N	N	No Change	N/A	No current plans	N/A	260°C/10s
NLW	AXIAL TYPE ALUMINUM ELECTROLYTIC CAPACITORS	N	Sn	N	Y	No Change	JESD97	N	N/A	260°C/10s

WBR	AXIAL TYPE ALUMINUM ELECTROLYTIC CAPACITORS	N	Sn	N	Y	No Change	JESD97	N	N/A	260°C/10s	
Hardware				<1000 PPM							
VR	Capacitor Brackets	N	N/A	<1000 PPM	Y	No Change	N/A	11/5/2004	N/A	N/A	
OB	Capacitor Brackets	N	N/A	<1000 PPM	Y	No Change	N/A	11/5/2004	N/A	N/A	
RB	Capacitor Brackets	N	N/A	<1000 PPM	Y	No Change	N/A	11/5/2004	N/A	N/A	
125562; 125565	Capacitor Brackets	N	N/A	<1000 PPM	Y	New	N/A	6/1/2007	N/A	N/A	
Revision Date: 2-6-15											

To the best of our knowledge, the information provided on the enclosed is correct as of the date indicated on the document. Since some of the information is provided by the acceptance of data from sources outside of Cornell Dubilier Electronics, we can not guarantee that all is complete and accurate.