

Films 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
POLYESTER FILM CAPACITORS											
WMF Note #1	Axial round, Film/Foil	-F on Parts	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	#1 - DC film non-compliant inventories once individual part number(s) is depleted replacement part(s) will have -F added to end of part number to signify RoHS compliance.
WMC Note #1	Axial round, Film/Foil	-F on Parts	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
MMA Note #1	Axial oval, Metallized	-F on Parts	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
MMP Note #1	Axial oval, Metallized	-F on Parts	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
MMWA Note #1	Axial round, Metallized	-F on Parts	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
150	Axial round, Metallized	Date Code	Sn	<1000 PPM	Y	No change	Per JESD97	0518	N/A	260°C/10s	
158X	Radial box, Metallized	Date Code	Sn	<1000 PPM	Y	No change	Per JESD97	1/1/05	N/A	260°C/10s	
160	Radial box, Metallized	-F on Parts	Sn	<1000 PPM	Y	Add -F	Per JESD97	2/1/06	N/A	260°C/10s	
167/184	Radial box, Metallized	see note	Sn	<1000 PPM	Y	see note	Per JESD97	1/1/06	N/A	260°C/10s	Parts date coded 01/01/04 - 03/31/06 are RoHS compliant. New production as of 04/01/06 add suffix -F to part number for RoHS compliant parts.
168/185	Radial box, Metallized	see note	Sn	<1000 PPM	Y	see note	Per JESD97	1/1/06	N/A	260°C/10s	Parts date coded 01/01/04 - 03/31/06 are RoHS compliant. New production as of 04/01/06 add suffix -F to part number for RoHS compliant parts.
225P	Radial dipped Film / Foil	No change	Sn	<1000 PPM	Y	No change	Per JESD97	8/1/2005	N/A	260°C/10s	
418P	Radial dipped Film / Foil	No change	Sn	<1000 PPM	Y	No change	Per JESD97	8/1/2005	N/A	260°C/10s	
425M	Radial dipped , Metallized	No change	Sn	<1000 PPM	Y	No change	Per JESD97	8/1/2005	N/A	260°C/10s	
CS	Capstick	NONE	SnPb	N	RoHS-5	No change			N/A	260°C/5s	Thru Hole part, wave solder
CS	Capstick	NONE	Sn	<1000 PPM	Y	Add -FA	Per JESD97		N/A	260°C/5s	Thru Hole part, wave solder

DMT Note #1	Radial oval, Film/Foil	-F on Parts	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
DME Note #1	Radial oval, Metallized	-F on Parts	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
DMM Note #1	Radial oval, Metallized	-F on Parts	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
PS	Radiad dipped Metallized	None	Sn	<1000 PPM	Y	No change	PER JESD97	8/1/2005	N/A	260°C/10s	
Q/QRL	Radial oval, Metallized	NONE	Sn	<1000 PPM	Y	No change	Per JESD97	1/1/03	N/A	260°C/10s	
RA	Radial Stacked Metallized	NONE	SnPb	N	RoHS-5	No change			N/A	260°C/5s	
RA	Radial Stacked Metallized	NONE	Sn	<1000 PPM	Y	Add -FA	Per JESD97		N/A	260°C/5s	
POLYPROPYLENE CAPACITORS											
171 Note #1	Radial box, Metallized	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
715P	Radial dipped Film/Foil	None	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2005	N/A	260°C/10s	
716P	Radial dipped Film/Foil	None	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2005	N/A	260°C/10s	
716P-HV	Radial dipped Film/Foil	None	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2005	N/A	260°C/10s	
715P/717P	Radial dipped Film/Foil	None	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2005	N/A	260°C/10s	
718P-719P	Radial dipped Film/Foil	None	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2005	N/A	260°C/10s	
725M	Radial dipped Film/Foil	None	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2005	N/A	260°C/10s	
773P	Radial dipped Film/Foil	None	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2005	N/A	260°C/10s	
778P/779P	Radial dipped Film/Foil	None	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2005	N/A	260°C/10s	
930 Note #1	Axial round, Metallized	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
932C Note #1	Axial round, Metallized	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
935 Note #1	Axial round, Metallized	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
936C Note #1	Axial oval, Metallized	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
940C Note #1	Axial round, Metallized	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
941C Note #1	Axial oval, Metallized	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
942C Note #1	Axial round, Film/Foil Hybrid	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
943C Note #1	Axial oval, Film/Foil Hybrid	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	

944U	Screw Terminal, Metallized	None	Sn	<1000 PPM	Y	No change	Per JESD97	9/1/2009	N/A	N/A	
946C Note #1	Axial round, Metallized	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
947C	Screw Terminal, Metallized	None	Sn	<1000 PPM	Y	No change	Per JESD97	1/1/2008	N/A	N/A	
950 Note #1	Axial round, Metallized	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
BLC	Box, Metallized	None	Sn	<1000 PPM	Y	No Change	Per JESD97	10/1/2012	N/A	260°C/10s	
BPMC	Radial Boxed Metallized	None	Matte Tin	Y	Y	No Change		6/1/2016	N/A	260/10	
DPP Note #1	Radial oval, Film/Foil	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
DPPF Note #1	Radial round, Film/Foil	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
DPPM Note #1	Radial oval, Film/Foil	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
DPM Note #1	Radial oval, Metallized	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
PS	Radial dipped Metallized	None	Sn	<1000 PPM	Y	No Change	PER JESD97	8/1/2005	N/A		
UNL	Snap-in, Metallized	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	7/1/06	N/A	260°C/10s	
SCC	Box, Metallized	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	7/1/06	N/A	260°C/10s	
SCD	Box, Metallized	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	7/1/06	N/A	260°C/10s	
SCM	Box, Metallized	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	7/1/06	N/A	260°C/10s	
WPP Note #1	Axial round, Film/Foil	-F on Part	Sn	<1000 PPM	Y	Add -F	Per JESD97	1/1/2006	N/A	260°C/10s	
430P	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s	
45PC	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s	
460M	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s	
461M	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s	
462M	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s	
463M	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s	
464M	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s	
465M	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s	
467M	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s	

470P	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	Feb. 2016	N/A	260°C/10s
480P	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s
481M	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s
700M	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s
703P	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s
704M	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s
706P	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s
730P	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s
75PC	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s
760M	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s
761M	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s
762M	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s
763M	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s
764P	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s
765M	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s
766M	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	8/1/2006	N/A	260°C/10s
770P	Axial Film	NONE	Sn	<1000 PPM	Y	No Change	Per JESD97	Feb. 2016	N/A	260°C/10s

Revise on 06/14/18

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.