

Multi Layered Ceramics 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	Sensitivity Level (IPC/JEDEC J-STD-C)	Soldering Conditions (Temp/Time)	Notes
MLLC (Multi-Layer Ceramic)											
M15, M20, M22, M30, M40, M50	RADIAL	N	√ (see remark 1) 100% Matte Sn Plating	<1000 PPM	Y	ADD '-F'	Per JESD97	Jan. 2006	N/A	260 ° C / 20 sec.	
M60		N	SN 100%	N	Y	ADD '-F'	N/A	Jan. 2005	N/A	260 ° C / 10 sec.	(<1000 ppm Pb)
P10	AXIAL	N	√ (see remark 2) 100% Matt Sn	<1000 PPM	Y	ADD '-F'	Per JESD97	Jan. 2006	N/A	260 ° C / 20 sec.	(see remark 1)
P12, P20, P30, P40	AXIAL	N	√ (see remark 1) 100% Matte Sn Plating	N	Y	ADD '-F'	Per JESD97	Jan. 2006	N/A	260 ° C / 20 sec.	(see remark 1)
CK12, CK13, CK14, CK15, CK16		N		N	N	N/A	N/A	N/A	N/A	245 ° C / 5 sec	No current plans
CKR12, CKR13, CKR14, CKR15, CKR16		N		N	N	N/A	N/A	N/A	N/A	245 ° C / 5 sec	No current plans
CK05 CK06	Radial Leaded X7R Ceramic Molded	N/A	SnPb	N	N	N/A	N/A	N/A	N/A	260 ° 10 s	No plans to make compliant
C04, C06, C08, C12	CHIPS	N	√ 100% Matt Sn	√ Y	Y	N/A	Per JESD97	Now	N/A	260 ° C / 20 sec.	
KEY:											
REMARK 1:											
This product contains a high-lead-content solder used for internal lead attach that is exempted by RoHS. Terminations are 100% Pb-Free (100% Matte Sn Plating)											

6/24/2015

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.