


MATERIAL DECLARATION SHEET



Material Number	SRR0908-series			
Product Line	SHIELDED SMD POWER INDUCTOR			
Compliance Date	2009.07.06			
RoHS Compliant	YES	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Ferrite Material	F4D	1440	Iron oxide	1309-37-1	60	39	65
				Nickel oxide	1313-99-1	10	6.5	
				Zinc oxide	1314-13-2	20	13	
				Copper oxide	1317-38-0	10	6.5	
2	Winding Wire	2SFBW	430	Copper (Cu)	7440-50-8	95	18.1	19
				Polyester Resin	68604-67-1	5	0.9	
3	Solder	Lead free-solder	5	Tin	7440-31-5	96.5	0.193	0.2
				Silver	7440-22-4	3	0.006	
				Copper	7440-50-8	0.5	0.001	
4	BASE	LCP	187	Aromatic polyester resin	60088-52-0	100	8.4	8.4
5	BASE Terminal Electrode	C5191/ Sn/ Ni	47	Phosphor bronze	N/A	90	1.89	2.1
				Tin (Sn)	7440-31-5	7	0.15	
				Nickel (Ni)	7440-02-0	3	0.06	
6	GAP	LCP	61	Aromatic polyester resin	6088-52-0	100	3	3
7	Adhesive	A-164-2	50	Epoxy resin	1675-54-3	60	1.518	2.3
				Dicyanamide	461-58-5	12	0.276	
				Silicon Dioxide	14464-46-1	3	0.069	
				Glycidoxypropyltrimethoxysilane	2530-83-8	4	0.092	
				Carbon black	1333-86-4	10	0.345	
		Total weight	2220					

This Document was updated on: 9-13-2011

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.