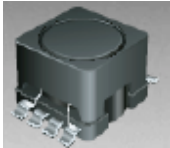


MATERIAL DECLARATION SHEET



Material Number	SRR0906-series			
Product Line	SHIELDED SMD POWER INDUCTOR			
Compliance Date	2009.07.01			
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	1050	Iron oxide (Fe ₂ O ₃)	1309-37-1	60	40.8	68
				Nickel oxide (NiO)	1313-99-1	10	6.8	
				Zinc oxide (ZnO)	1314-13-2	20	13.6	
				Copper oxide(CuO)	1317-38-0	10	6.8	
2	Winding Wire	2SFBW	161	Copper (Cu)	7440-50-8	95	9.78	10.3
				Polyester Resin	N/A	5	0.52	
3	Solder	Lead free-solder	5	Tin (Sn)	7440-31-5	96.5	0.29	0.3
				Silver (Ag)	7440-22-4	3	0.009	
				Copper (Cu)	7440-50-8	0.5	0.001	
4	BASE	LCP-E4008	187	Aromatic polyester resin	6088-52-0	100	12	12
5	BASE Terminal Electrode	C5191/Sn/ Ni	47	Phosphor bronze	N/A	90	2.7	3
				Tin (Sn)	7440-31-5	7	0.21	
				Nickel (Ni)	7440-02-0	3	0.09	
6	Gap	LCP	50	Aromatic polyester resin	6088-52-0	100	3.2	3.2
7	Adhesive	A-164-2	50	Epoxy Resin	1675-54-3	66	2.1	3.2
				Dicyanamide	461-83-5	12	0.4	
				Silicon dioxide	14464-46-1	3	0.1	
				Glycidoxypropyltrimethoxysilane	2530-83-8	4	0.1	
				Carbon black	1333-86-4	15	0.5	
				Aluminum hydroxide	1645-51-2			
Total weight			1550					

MATERIAL DECLARATION SHEET



This Document was updated on: 10-28-2010

Important remarks:

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