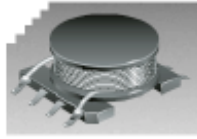


MATERIAL DECLARATION



Material Number	SDR0906-series			
Product Line	SMD POWER INDUCTOR			
Compliance Date	2009.05.31			
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	C5	726	Iron oxide (Fe2O3)	1309-37-1	60	33.6	56
				Nickel oxide (NiO)	1313-99-1	10	5.6	
				Zinc oxide (ZnO)	1314-13-2	20	11.2	
				Copper oxide(CuO)	1317-38-0	10	5.6	
2	Winding Wire	P180-G2	287	Copper (Cu)	7440-50-8	95	20.9	22
				Polyurethane resin	9009-54-5	5	1.1	
3	Solder	Lead free-solder	15	Tin (Sn)	7440-31-5	96.5	0.965	1
				Silver (Ag)	7440-22-4	3	0.03	
				Copper (Cu)	7440-50-8	0.5	0.005	
4	BASE	LCP-E4008	159	Aromatic polyester resin	6088-52-0	100	12	12
5	Terminal Electrode	C5191	100	Copper (Cu)	7440-50-8	92.65	7.412	8
				Tin (Sn)	744031-5	7	0.56	
				Phosphorus (P)	7723-14-0	0.35	0.028	
6	Adhesive	A-164-2	15	Epoxy resin	1675-54-3	60	0.6	1
				DICY	461-58-5	12	0.12	
				Silicon dioxide	14464-46-1	3	0.03	
				Aluminum hydroxide carbon black	21645-51-2 1333-86-4	15	0.15	
				g-glycidoxy propyl trimethoxysilane	2530-83-8	4	0.04	
Epoxy resin	25085-99-8	6	0.06					
			Total weight	1302				

This Document was updated on: 11-1-2010

Important remarks: It is the responsibility of the user to verify they are accessing the latest version