


# MATERIAL DECLARATION SHEET



Material Number	SRR7032-series			
Product Line	SHIELDED SMD POWER INDUCTOR			
Compliance Date	2009.06.30			
RoHS Compliant	YES	MSL	2	

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	324	Iron oxide	1309-37-1	60	40.86	68.1
				Nickel oxide	1313-99-1	10	6.81	
				Zinc oxide	1314-13-2	20	13.62	
				Copper oxide	1317-38-0	10	6.81	
2	Winding Wire	2SFBW	76	Copper	7440-50-8	95	15.2	16
				Polyester Resin	68604-67-1	5	0.8	
3	Solder	Lead free-solder	5	Tin	7440-31-5	96.5	0.965	1
				Silver	7440-22-4	3	0.03	
				Copper	7440-50-8	0.5	0.005	
4	BASE	LCP	45	Aromatic polyester resin	60088-52-0	100	9.5	9.5
5	BASE Terminal Electrode	C5191/Sn/Ni	14.4	Copper	7440-50-8	93.45	2.8035	3
				Tin	7440-31-5	6.25	0.1875	
				Phosphorus	7723-14-0	0.2	0.006	
				Iron	7439-89-6	0.1	0.003	
			1.12	Tin	7440-31-5	100	0.2	0.2
0.48	Nickel	7440-02-0	100	0.1	0.1			
6	Adhesive	6020H-6-3	10	Bisphenol A Epoxy Resin	25068-38-6	63	1.323	2.1
				Alkyd glycidyl ether	68609-97-2	3	0.063	
				Methyl imizadole	693-98-1	5	0.105	
				Carbon black	1333-86-4	3	0.063	
				Silicon dioxide	7631-86-9	26	0.546	
		Total weight	476					

**This Document was updated on: 2009.06.30**

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