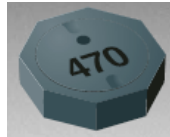


MATERIAL DECLARATION SHEET



Material Number	SRU5018 SERIES			
Product Line	SHIELDED SMD POWER INDUCTOR			
Compliance Date	2012/3/12			
RoHS Compliant	YES	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	CORE	F5H Ni-Zn Series	0.115	Iron oxide	1309-37-1	60	40.12	66.86
				Nickel oxide	1313-99-1	10	6.69	
				Zinc oxide	1314-13-2	20	13.36	
				Copper oxide	1317-38-0	10	6.69	
2	WIRE	Copper wire	0.040	Copper	7440-50-8	95	22.10	23.26
				Polyester Resin	9009-54-5	5	1.16	
3	ADHESIVE	Epoxy	0.005	Bisphenol A Epoxy Resin	25068-38-6	59	1.72	2.91
				Alkyl glycidyl ether epoxy	68609-97-2	4	0.12	
				2-Methylimidazole	693-98-1	10	0.29	
				Carbon black	1333-86-4	5	0.15	
				Filler	21695-51-3	22	0.63	
4	SOLDER	Sn/Ag/Cu	0.002	Tin	7440-31-5	96.5	1.12	1.16
				Silver	7440-22-4	3.0	0.03	
				Copper	7440-50-8	0.5	0.01	
5	PAD	Terminal Electrode	0.010	Silver	7440-22-4	46	2.67	5.81
				Nickel	7440-02-0	18	1.05	
				Tin	7440-31-5	36	2.09	
			Total weight	0.172				

This Document was updated on: 2012/3/12