


MATERIAL DECLARATION SHEET



Material Number	SRU1028A Series			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2013/7/15			
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	N401H	0.31	Iron oxide	1309-37-1	65.00	21.44	32.98
				Nickel oxide	1313-99-1	12.50	4.12	
				Zinc oxide	1314-13-2	18.00	5.94	
				Cupric oxide	1317-38-0	4.50	1.48	
2	CORE	F5H	0.23	Iron oxide	1309-37-1	63.00	15.41	24.47
				Nickel oxide	1313-99-1	12.00	2.94	
				Zinc oxide	1314-13-2	20.00	4.89	
				Cupric oxide	1317-38-0	5.00	1.22	
3	Terminal	Ag/Ni/Sn	0.01	Silver	7440-22-4	55.00	0.59	1.06
				Nickel	7440-02-0	25.00	0.27	
				Tin	7440-31-5	20.00	0.21	
4	WIRE	2-SFBW	0.19	Copper	7440-50-8	95.00	19.20	20.21
				Polyester Resin	68604-67-1	5.00	1.01	
5	ADHESIVE	6020H-6-QR-NH	0.1	Epoxy Resin	25068-38-6	59.00	6.17	10.64
				Alkyl glycidyl ether	68609-97-2	4.00	0.43	
				Methyl imidazole	693-98-1	10.00	1.06	
				Carbon black	1333-86-4	5.00	0.53	
				Silicon dioxide	7631-86-9	22.00	2.34	
6	Solder wire	0505H	0.06	Tin	7440-31-5	99.00	6.32	6.38
				Silver	7440-22-4	0.50	0.03	
				Copper	7440-50-8	0.50	0.03	

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7	Solder bar	308H	0.04	Tin	7440-31-5	96.50	4.11	4.26
				Silver	7440-22-4	3.00	0.13	
				Copper	7440-50-8	0.50	0.02	
		Total weight	0.94					

This Document was updated on: 2013/7/15

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