


MATERIAL DECLARATION SHEET



Material Number	SRU1063A Series			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2014/08/28			
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	DR CORE	TN40H	0.802	Iron oxide	1309-37-1	65.0	23.17	35.64
				Nickel oxide	1313-99-1	12.5	4.46	
				Zinc oxide	1314-13-2	18.0	6.42	
				Cupric oxide	1317-38-0	4.5	1.60	
2	RI CORE	T12	0.925	Iron oxide	1309-37-1	64.0	26.31	41.11
				Nickel oxide	1313-99-1	10.0	4.11	
				Zinc oxide	1314-13-2	20.0	8.22	
				Cupric oxide	1317-38-0	6.0	2.47	
3	WIRE	2-SFBW	0.351	Copper	7440-50-8	95.0	14.82	15.60
				Polyester Resin	60088-52-0	5.0	0.78	
4	Adhesive	6020H-6-QR-NH	0.15	Bisphenol A Epoxy Resin	25068-38-6	59.0	3.94	6.67
				Alkyd glycidyl ether	68609-97-2	4.0	0.27	
				Methyl imidazole	693-98-1	10.0	0.67	
				Carbon black	1333-86-4	5.0	0.33	
				Silicon dioxide	7631-86-9	22.0	1.47	
5	Terminal	-	0.012	Silver	7440-22-4	46.0	0.25	0.53
				Nickel	7440-02-0	18.0	0.10	
				Tin	7440-31-5	36.0	0.19	
6	Solder wire	0505	0.01	Tin	7440-31-5	99.0	0.44	0.44
				Silver	7440-22-4	0.5	0.002	
				Copper	7440-50-8	0.5	0.002	
Total weight			2.25					

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