


MATERIAL DECLARATION SHEET



Material Number	SRU6025A 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	F5H	0.208	Iron oxide	1309-37-1	63.0	42.27	67.10
				Nickel oxide	1313-99-1	12.0	8.05	
				Zinc oxide	1314-13-2	20.0	13.42	
				Copper oxide	1317-38-0	5.0	3.35	
2	WIRE	P180	0.042	Copper	7440-50-8	95.0	12.87	13.55
				Polyurethane resin	68400-67-9	5.0	0.68	
3	ADHESIVE	6020H-6-QR-NH	0.010	Epoxy resin	25068-38-6	65.6	21.19	3.23
				Alkyl glycidyl ether	68609-97-2	4.4	0.14	
				Carbon black	1333-86-4	5.6	0.18	
				Silicon dioxide	7631-86-9	24.4	0.79	
4	Terminal	Ag/Ni/Sn	0.010	Silver	7440-22-4	55.0	1.77	3.23
				Nickel	7440-02-0	25.0	0.81	
				Tin	7440-31-5	20.0	0.65	
5	Solder bar	308H	0.020	Tin	7440-31-5	96.5	6.23	6.45
				Silver	7440-22-4	3.0	0.19	
				Copper	7440-50-8	0.5	0.03	
6	Solder wire	0505H	0.020	Tin	7440-31-5	99.0%	6.39	6.45
				Silver	7440-22-4	0.5%	0.03	
				Copper	7440-50-8	0.5%	0.03	
		Total weight	0.310					

This Document was updated on: 2020/06/01

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