


MATERIAL DECLARATION SHEET



Material Number	SRU5028A-1R2Y ~ 4R7Y			
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	0.164	Iron oxide	1309-37-1	63.0	38.13	60.52
				Nickel oxide	1313-99-1	12.0	7.26	
				Zinc oxide	1314-13-2	20.0	12.10	
				Copper oxide	1317-38-0	5.0	3.03	
2	WIRE	2-SFBW	0.080	Copper	7440-50-8	95.0	28.04	29.52
				Polyester Resin	68604-67-1	5.0	1.48	
3	ADHESIVE	6020H-6-QR-NH	0.010	Epoxy resin	25068-38-6	65.6	2.42	3.69
				Alkyl glycidyl ether	68609-97-2	4.4	0.16	
				Carbon black	1333-86-4	5.6	0.21	
				Silicon dioxide	7631-86-9	24.4	0.90	
4	Terminal	Ag/Ni/Sn	0.001	Silver	7440-22-4	55.0	0.20	0.37
				Nickel	7440-02-0	25.0	0.09	
				Tin	7440-31-5	20.0	0.07	
5	Solder bar	308H	0.008	Tin	7440-31-5	96.5	2.85	2.95
				Silver	7440-22-4	3.0	0.09	
				Copper	7440-50-8	0.5	0.01	
6	Solder wire	0505H	0.008	Tin	7440-31-5	99.0%	2.92	
				Silver	7440-22-4	0.5%	0.01	
				Copper	7440-50-8	0.5%	0.01	
		Total weight	0.271					

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.

MATERIAL DECLARATION SHEET



Material Number	SRU5028A-6R8Y ~ 101Y			
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	0.164	Iron oxide	1309-37-1	63.0	38.13	60.52
				Nickel oxide	1313-99-1	12.0	7.26	
				Zinc oxide	1314-13-2	20.0	12.10	
				Copper oxide	1317-38-0	5.0	3.03	
2	WIRE	P180	0.080	Copper	7440-50-8	95.0	28.04	29.52
				Polyurethane Resin	9009-54-5	5.0	1.48	
3	ADHESIVE	6020H-6-QR-NH	0.010	Epoxy resin	25068-38-6	59.0	2.18	3.69
				Alkyl glycidyl ether	68609-97-2	4.0	0.15	
				Methyl imidazole	693-98-1	10.0	0.37	
				Carbon black	1333-86-4	5.0	0.18	
				Silicon dioxide	7631-86-9	22.0	0.81	
4	Terminal	Ag/Ni/Sn	0.001	Silver	7440-22-4	55.0	0.20	0.37
				Nickel	7440-02-0	25.0	0.09	
				Tin	7440-31-5	20.0	0.07	
5	Solder bar	308H	0.008	Tin	7440-31-5	96.5	2.85	2.95
				Silver	7440-22-4	3.0	0.09	
				Copper	7440-50-8	0.5	0.01	
6	Solder wire	0505H	0.008	Tin	7440-31-5	99.0%	2.92	2.95
				Silver	7440-22-4	0.5%	0.01	
				Copper	7440-50-8	0.5%	0.01	
		Total weight	0.271					

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