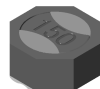


MATERIAL DECLARATION SHEET

BOURNS®

Material Number	SRU1048A 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	TN65H	0.65	Iron oxide	1309-37-1	65.00	28.94	44.52
				Nickel oxide	1313-99-1	12.50	5.57	
				Zinc oxide	1314-13-2	18.00	8.01	
				Cupric oxide	1317-38-0	4.50	2.00	
2	CORE	T12	0.5	Iron oxide	1309-37-1	64.00	21.92	34.25
				Nickel oxide	1313-99-1	10.00	3.42	
				Zinc oxide	1314-13-2	20.00	6.85	
				Cupric oxide	1317-38-0	6.00	2.05	
3	WIRE	2-SFBW	0.19	Copper	7440-50-8	95.00	12.36	13.01
				Polyester Resin	68604-67-1	5.00	0.65	
4	ADHESIVE	6020H-6-QR-NH	0.01	Epoxy Resin	25068-38-6	59.00	0.40	0.68
				Alkyl glycidyl ether	68609-97-2	4.00	0.03	
				Methyl imidazole	693-98-1	10.00	0.07	
				Carbon black	1333-86-4	5.00	0.03	
				Silicon dioxide	7631-86-9	22.00	0.15	
5	Terminal	Ag/Ni/Sn	0.01	Silver	7440-22-4	55.00	0.38	0.68
				Nickel	7440-02-0	25.00	0.17	
				Tin	7440-31-5	20.00	0.14	
6	Solder wire	0505H	0.06	Tin	7440-31-5	99.00	4.07	4.11
				Silver	7440-22-4	0.50	0.02	
				Copper	7440-50-8	0.50	0.02	
7	Solder bar	308H	0.04	Tin	7440-31-5	96.50	2.64	2.74
				Silver	7440-22-4	3.00	0.08	
				Copper	7440-50-8	0.50	0.01	
Total weight			1.46					

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.