

MATERIAL DECLARATION SHEET



Material Number	SRU8028 Series (330~101)			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2021/03/30			
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	TN65H	0.156	Iron oxide (Fe ₂ O ₃)	1309-37-1	65.0	16.53	25.40
				Nickel oxide (NiO)	1313-99-1	12.5	3.18	
				Zinc oxide (ZnO)	1314-13-2	18.0	4.57	
				Cupric oxide(CuO)	1317-38-0	4.5	1.14	
2	RI CORE	T12	0.296	Iron oxide (Fe ₂ O ₃)	1309-37-1	64.0	30.43	47.54
				Nickel oxide (NiO)	1313-99-1	10.0	4.75	
				Zinc oxide (ZnO)	1314-13-2	20.0	9.51	
				Cupric oxide(CuO)	1317-38-0	6.0	2.85	
3	WIRE	P180-G2	0.125	Copper(Cu)	7440-50-8	95.0	14.48	15.25
				Polyurethane resin	9009-54-5	5.0	0.76	
4	Adhesive	6020H-6-QR-NH	0.022	Bisphenol A Epoxy Resin	25068-38-6	61.0	3.20	5.25
				alkyl glycidyl ether	68609-97-2	5.0	0.26	
				Dicyandiamide	461-58-5	6.0	0.31	
				Carbon Black	1333-86-4	5.0	0.26	
				Aluminum hydroxide	21645-51-2	23.0	1.21	
5	Terminal	Plating	0.006	Silver(Ag)	7440-22-4	65.0	1.07	1.64
				Nickel (Ni)	7440-02-0	14.0	0.23	
				Tin (Sn)	7440-31-5	21.0	0.34	
6	Solder wire	0505	0.005	Tin (Sn)	7440-31-5	99.0	4.87	4.92

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				Silver(Ag)	7440-22-4	0.5	0.025	
				Copper(Cu)	7440-50-8	0.5	0.025	
		Total weight	0.61					

This Document was updated on: 2021/03/30

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.