


MATERIAL DECLARATION SHEET



Material Number	SRN4030HA Series			
Product Line	Semi-shielded SMD Power Inductor			
Compliance Date	2021/04/23			
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	BN251B	0.09	Iron oxide	1309-37-1	65.0	29.250	45.0
				Nickel oxide	1313-99-1	13.5	6.075	
				Zinc oxide	1314-13-2	16.5	7.425	
				Cupric Oxide	1317-38-0	5.0	2.250	
2	Terminal	Plating	0.044	Silver	7440-22-4	50.0	11.000	22.0
				Nickel	7440-02-0	25.00	5.500	
				Tin	7440-31-5	25.00	5.500	
3	Wire	P180-G2	0.048	Copper	7440-50-8	95.0	22.800	24.0
				Polyurethane resin	9009-54-5	5.0	1.200	
4	Adhesive	Magnetic conductive adhesive	0.014	Iron	7439-89-6	65.00	4.550	7.0
				Carbon	7740-44-0	0.20	0.014	
				Oxygen	7782-44-7	0.30	0.021	
				Quartz	14808-60-7	21.00	1.470	
5	Solder bar	0505H	0.004	Tin	7440-31-5	99.0	1.980	2.0
				Silver	7440-22-4	0.5	0.010	
				Copper	7440-50-8	0.5	0.010	
		Total weight	0.2					

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This Document was updated on: 2021/04/23

Important remarks:

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