


MATERIAL DECLARATION SHEET



Material Number	SRR4828A SERIES			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2021/09/14			
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. (%)
	DR Core / RI Core	Ferrite	0.2216	Iron oxide	1309-37-1	65.00	54.45	83.60
				Nickel oxide	1313-99-1	12.55	10.51	
				Zinc oxide	1314-13-2	17.70	14.83	
				Cupric Oxide	1317-38-0	4.55	3.81	
		Terminal plating	0.0004	Silver	7440-22-4	0.10	0.08	0.17
				Nickel	7440-02-0	0.05	0.04	
2	WIRE	Copper	0.021	Copper	7440-50-8	95.0	7.53	7.92
				Polyurethane resin	9009-54-5	5.0	0.40	
3	Adhesive	Epoxy	0.010	Epoxy Resin	25068-38-6	61.0	2.30	3.77
				Alkyd glycidyl ether	68609-97-2	5.0	0.19	
				Dicyandiamide	461-58-5	6.0	0.23	
				Carbon Black	1333-86-4	5.0	0.19	
				Aluminum hydroxide	21645-51-2	23.0	0.87	
4	Adhesive	Epoxy	0.005	Epoxy resin	25068-38-6	62.5	1.18	1.89
				Calcium Carbonate	1317-65-3	33.3	0.63	
				Thermoplastic copolymer	-	4.2	0.08	

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6	Solder	Tin	0.007	Tin	7440-31-5	96.50%	2.55	2.64
				Silver	7440-22-4	3.00%	0.08	
				Copper	7440-50-8	0.50%	0.01	
		Total weight			0.265			

This Document was updated on: 2021/09/14

Important remarks:

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