


# MATERIAL DECLARATION SHEET



Material Number	SRF0703 Series			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2020/11/02			
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	T2	0.140	Iron oxide	1309-37-1	52.0	12.132	23.33
				Zinc oxide	1314-13-2	15.0	3.500	
				Cupric oxide	1317-38-0	17.0	3.967	
				Nickel oxide	1313-99-1	16.0	3.733	
2	RI Core	DL5	0.283	Iron oxide	1309-37-1	52.0	24.526	47.17
				Zinc oxide	1314-13-2	15.0	7.075	
				Cupric oxide	1317-38-0	17.0	8.018	
				Nickel oxide	1313-99-1	16.0	7.547	
3	Wire	P180-G2	0.062	Copper	7440-50-8	95.0	9.817	10.33
				Polyurethane resin	9009-54-5	5.0	0.517	
4	Base	LCP-E4008	0.04	Polyester resin	60088-52-0	70.0	4.667	6.67
		C5191	0.01	Glass fiber	65997-17-3	30.0	2.000	
				Copper	7440-50-8	93.6	1.560	1.67
				Tin	7440-31-5	6.2	0.103	
		Plating	0.005	Phosphorus	7723-14-0	0.2	0.003	
				Tin	7440-31-5	80.0	0.667	0.83
Nickel	7440-02-0	20.0	0.167					
5	Adhesive	A-400-36-LH	0.013	Epoxy resin	25068-38-6	65.2	1.415	2.17
				Misc not to declare	--	0.4	0.01	

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				Calcium carbonate	1317-65-3	34.4	0.745	
6	Adhesive	6020H-6-QR-NH	0.013	Epoxy Resin	25068-38-6	66.0	1.43	2.17
				Dicyandiamide	461-58-5	6.0	0.130	
				Carbon Black	1333-86-4	5.0	0.108	
				Aluminum Hydroxide	21645-51-2	23.0	0.498	
7	Adhesive	A-164-2-AH	0.014	Epoxy resin	25085-99-8	50.0	1.167	2.33
				Dicyanodiamide	461-58-5	7.0	0.163	
				2-Propenoic acid	25265-19-4	8.0	0.187	
				3-Glycidoxypropyltrimethoxysilane	2530-83-8	3.0	0.070	
				Aluminum Hydroxide	21645-51-2	30.0	0.700	
				Carbon Black	1333-86-4	2.0	0.047	
8	Solder bar	0505H	0.02	Tin	7440-31-5	99.0	3.300	3.33
				Silver	7440-22-4	0.5	0.017	
				Copper	7440-50-8	0.5	0.017	
		Total weight	<b>0.6</b>					

**This Document was updated on: 2020/11/02**

**Important remarks:**

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