

MATERIAL DECLARATION SHEET



Material Number	SRF4530AG series			
Product Line	SMD Common Mode Filter			
Compliance Date	2017/09/01			
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	JF801	0.091	Iron oxide	1309-37-1	55.0%	33.37	60.67
				Copper oxide	1317-38-0	5.0%	3.03	
				Zinc oxide	1314-13-2	25.0%	15.17	
				Nickel oxide	1313-99-1	11.0%	6.67	
		Plating		Silver	7440-22-4	1.0%	0.61	
		Glass		65997-18-4	1.0%	0.61		
		Nickel		7440-02-0	1.0%	0.61		
		Gold		7440-57-5	1.0%	0.61		
2	RI CORE	JF801	0.051	Iron oxide	1309-37-1	70.2	23.87	34
				Copper oxide	1317-38-0	4.9	1.67	
				Zinc oxide	1314-13-2	13.0	4.42	
				Nickel oxide	1313-99-1	11.9	4.05	
3	Wire	E180	0.006	Copper	7440-50-8	95.0%	3.80	4
				Polyesterimide	37317-16-1	5.0%	0.20	
4	Adhesive	JD052-2	0.002	Epoxy resin	25085-99-8	93.4	1.25	1.33
				Silicon dioxide	67762-90-7	1.8	0.02	
				Carbon black	1333-86-4	4.4	0.06	
			Total weight	0.150				

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