

MATERIAL DECLARATION



Material Number	SRF4530A series			
Product Line	SMD Common Mode Filter			
Compliance Date	2022/05/20			
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	Ferrite	0.089	Iron oxide	1309-37-1	55.0	32.64	59.33
				Nickel oxide	1313-99-1	11.0	6.53	
				Zinc oxide	1314-13-2	25.0	14.84	
				Copper oxide	1317-38-0	5.0	2.97	
		PLATING		Silver	7440-22-4	1.0	0.59	
				Non-Lead Glass	65997-17-3	1.0	0.59	
				Nickel	7440-02-0	1.0	0.59	
				Gold	7440-57-5	1.0	0.59	
2	RI CORE	Ferrite	0.051	Iron oxide	1309-37-1	65.0	22.10	34.00
				Copper oxide	1317-38-0	5.0	1.70	
				Zinc oxide	1314-13-2	15.0	5.10	
				Nickel oxide	1313-99-1	15.0	5.10	
3	Wire	Copper	0.007	Copper	7440-50-8	95.0	4.43	4.67
				Polyesterimide	37317-16-1	5.0	0.23	
4	Adhesive	Adhesive	0.003	Epoxy resin	25085-99-8	96.1	1.92	2.00
				Silicon dioxide	67762-90-7	3.3	0.0	
				Carbon black	1333-86-4	0.6	0.01	
			Total weight	0.150				

This Document was updated on: **2022/05/20**

Important remarks: It is the responsibility of the user to verify they are accessing the latest version.