


# MATERIAL DECLARATION SHEET



Material Number	SRF4530A Series			
Product Line	SMD Common Mode Filter			
Compliance Date	2024/11/5			
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	Ni-Zn	0.085	Iron oxide (Fe2O3)	1309-37-1	55.0%	32.632%	56.98
				Copper oxide(CuO)	1317-38-0	5.0%	2.967%	
				Zinc oxide (ZnO)	1314-13-2	25.0%	14.833%	
				Nickel oxide (NiO)	1313-99-1	15.0%	6.526%	
		PLATING-Ag	0.001	Silver(Ag)	7440-22-4	100.0%	0.593%	0.59
		Glass	0.001	Glass	65997-17-3	100.0%	0.593%	0.59
		PLATING-Ni	0.001	Nickel (Ni)	7440-02-0	100.0%	0.593%	0.59
PLATING-Sn	0.001	Gold(Au)	7440-57-5	100.0%	0.593%	0.59		
2	RI CORE	Ni-Zn	0.051	Iron oxide (Fe2O3)	1309-37-1	65.0%	22.100%	34.00
				Copper oxide(CuO)	1317-38-0	5.0%	1.700%	
				Zinc oxide (ZnO)	1314-13-2	15.0%	5.100%	
				Nickel oxide (NiO)	1313-99-1	15.0%	5.100%	
3	Wire	COPPER(C11000)	0.0066	Copper(Cu)	7440-50-8	99.95%	4.438%	4.43
		Resin	0.0004	Misc. ,not to declare	\	0.05%	0.002%	
4	Adhesive	Epoxy	0.003	Epoxy resin	25085-99-8	96.5%	1.93%	2.00
				Silicon dioxide	67762-90-7	3.0%	0.06%	
				Carbon black	1333-86-4	0.5%	0.01%	
		Total weight	0.150					

This Document was updated on: 2024/11/5

**Important remarks:**

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