


MATERIAL DECLARATION SHEET



Material Number	SRF0504 series			Place picture here 
Product Line	SMD Line Filter			
Compliance Date	2022/11/21			
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	0.14	Iron oxide (Fe2O3)	1309-37-1	65.00	26	40.00
				Nickel oxide (NiO)	1313-99-1	11.00	4.4	
				Zinc oxide (ZnO)	1314-13-2	20.50	8.2	
				Cupric Oxide (CuO)	1317-38-0	3.50	1.4	
	Plating		0.02	Silver(Ag)	7440-22-4	40.0	2.285	5.71
				Nickel (Ni)	7440-02-0	20.0	1.14	
				Tin (Sn)	7440-31-5	40.0	2.285	
2	RI Core	Ferrite	0.1	Iron oxide (Fe2O3)	1309-37-1	48.44	13.84	28.56
				Nickel oxide (NiO)	1313-99-1	14.79	4.22	
				Zinc oxide (ZnO)	1314-13-2	31.48	8.99	
				Cupric Oxide (CuO)	1317-38-0	5.29	1.51	
3	WIRE	Copper	0.043	Copper(Cu)	7440-50-8	95.00	11.676	12.29
				Polyurethane resin	9009-54-5	5.00	0.614	
4	Adhesive	Adhesive	0.015	Bisphenol A Epoxy Resin	25068-38-6	66.00	2.828	4.29
				Dicyandiamide	461-58-5	6.00	0.257	
				Carbon Black	1333-86-4	5.00	0.215	
				Aluminum Hydroxide	21645-51-2	23.00	0.99	
5	Adhesive	Adhesive	0.015	Bisphenol A Epoxy Resin	25068-38-6	60.00	2.577	4.29

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				Dicyandiamide	461-58-5	6.50	0.278	
				Poly urethane	51852-81-4	6.50	0.278	
				Carbon Black	1333-86-4	2.50	0.107	
				Silicon dioxide	14808-60-7	24.50	1.05	
6	Solder bar	Tin	0.012	Tin (Sn)	7440-31-5	96.50	3.308	3.43
				Silver(Ag)	7440-22-4	3.00	0.105	
				Copper(Cu)	7440-50-8	0.50	0.017	
7	Ink	Epoxy	0.002	Pigment black	61901-87-9	29.1	0.417	1.43
				Polyacrylic acid Polymers	9003-01-4	70.9	1.013	
		Total weight	0.35					

This Document was updated on: 2022/11/21

Important remarks:

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