

MATERIAL DECLARATION SHEET



Material Number	SRF9005A (-102Y, -202Y)			
Product Line	SMD Line Filter			
Compliance Date	2024/9/25			
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	Core	Mn-Zn	0.068	Iron oxide (Fe2O3)	1309-37-1	71.0%	12.772%	17.99
				Zinc oxide (ZnO)	1314-13-2	10.9%	1.961%	
				Trimanganese tetraoxide(Mn3O4)	1317-35-7	18.1%	3.256%	
2	WIRE	Copper (C11000)	0.039	Copper(Cu)	7440-50-8	99.95%	10.302%	10.31
		Resin	0.002	Misc. ,not to declare	\	0.05%	0.005%	
3	Base	LCP	0.239	Polyurethane	9009-54-5	100.00%	0.540%	0.54
				Aromatic polyester resin	60088-52-0	70.0%	44.259%	
		Copper	0.002	Glass fiber	65997-17-3	30.0%	18.968%	63.23
				Copper (Cu)	7440-50-8	92.99%	0.492%	
				Iron(Fe)	7439-89-6	0.01%	0.0001%	
				Tin (Sn)	7440-31-5	7.00%	0.037%	
plating-Sn	0.0008	Tin (Sn)	7440-31-5	100.0%	0.210%	0.21		
plating-Ni	0.0002	Nickel (Ni)	7440-02-0	100.0%	0.054%	0.05		
4	Adhesive	Epoxy	0.005	Bisphenol A Epoxy Resin	25068-38-6	64.9%	0.858%	1.32
				Epoxy thinning agent	68609-97-2	5.3%	0.070%	
				carbon black	1333-86-4	5.3%	0.070%	
				Aluminium hydroxide	21645-51-2	24.5%	0.324%	

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5	Solder bar	Tin	0.012	Tin (Sn)	7440-31-5	99.0%	3.143%	3.17
				Silver(Ag)	7440-22-4	0.5%	0.016%	
				Copper(Cu)	7440-50-8	0.5%	0.016%	
6	Varnish	Varnish	0.01	diallyl phthalate	131-17-9	100.0%	2.650%	2.65
		Total weight	0.378					

This Document was updated on: 2024/9/25

Important remarks:

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