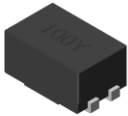


MATERIAL DECLARATION



Material Number	SRF0905A-100Y ~ 500Y_			
Product Line	SMD LINE FILTER			
Compliance Date	2017/04/21			
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	CORE	Ferrite	0.071	Iron oxide (Fe ₂ O ₃)	1309-37-1	64.0	10.82	16.90
				Nickel oxide (NiO)	1313-99-1	10.0	1.69	
				Zinc oxide (ZnO)	1314-13-2	20.0	3.38	
				Cupric oxide(CuO)	1317-38-0	6.0	1.01	
2	WIRE	Copper	0.025	Copper (Cu)	7440-50-8	98.0	5.83	5.95
				Polyurethane	68400-69-9	2.0	0.12	
3	Base	Resin	0.170	Aromatic polyester resin	60088-52-0	60.0	24.29	40.48
				Glass fiber	65997-17-3	35.0	14.17	
				Carbon black	1333-86-4	5.0	2.02	
		Copper	0.037	Copper (Cu)	7440-50-8	93.6	8.25	8.81
				Tin (Sn)	7440-31-5	6.2	0.55	
				Phosphorus(P)	7723-14-0	0.2	0.02	
		Plating	0.003	Tin (Sn)	7440-31-5	80.0	0.57	0.71
Nickel (Ni)	7440-02-0			20.0	0.14			
4	Case	Case	0.080	Aromatic polyester resin	60088-52-0	60.0	11.43	19.05
				Glass fiber	65997-17-3	35.0	6.67	
				Carbon black	1333-86-4	5.0	0.95	
5	Adhesive	Adhesive	0.010	Epoxy Resin	25068-38-6	40.0	0.95	2.38
				Calcium Carbonate	471-34-1	60.0	1.43	

MATERIAL DECLARATION



6	Adhesive	Adhesive	0.005	Polyoxypropylenediamine	194673-87-5	85.0	1.01	1.19
				Nonyl phenol	25154-52-3	15.0	0.18	
7	Adhesive	Adhesive	0.014	Bisphenol A epoxy resin	25085-99-8	61.0	2.04	3.33
				Dicyanodiamide	461-58-5	7.0	0.23	
				Aluminium hydroxide	21645-51-2	30.0	1.00	
				Carbon Black	1333-86-4	2.0	0.07	
8	Solder bar	Tin	0.005	Tin (Sn)	7440-31-5	99.0	1.18	1.19
				Silver(Ag)	7440-22-4	0.5	0.01	
				Copper(Cu)	7440-50-8	0.5	0.01	
		Total weight	0.42					

This Document was updated on: 2017/04/21

Important remarks:

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