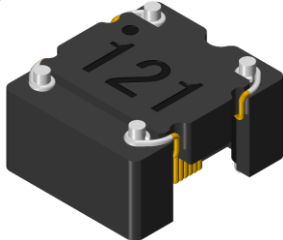


MATERIAL DECLARATION



Material Number	SRF1006 Series (121Y~102Y)			Place picture here 
Product Line	SMD LINE FILTER			
Compliance Date	2014/06/26			
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	0.26	Iron oxide (Fe ₂ O ₃)	1309-37-1	65.0%	21.39%	32.91%
				Nickel oxide (NiO)	1313-99-1	8.0%	2.63%	
				Zinc oxide (ZnO)	1314-13-2	20.0%	6.58%	
				Cupric oxide(CuO)	1317-38-0	7.0%	2.30%	
2	Base	LCP	0.188	Aromatic polyester resin	60088-52-0	70.0%	16.66%	23.80%
				Glass fiber	65997-17-3	30.0%	7.14%	
		Copper	0.125	Copper (Cu)	7440-50-8	68.00%	10.76%	15.82%
				Tin (Sn)	7440-31-5	32.00%	5.06%	
		Plating	0.072	Tin (Sn)	7440-31-5	80.0%	7.29%	9.11%
				Nickel (Ni)	7440-02-0	20.0%	1.82%	
3	WIRE	Copper	0.125	Copper(Cu)	7440-50-8	95.0%	15.03%	15.82%
				Polyurethane resin	9009-54-5	5.0%	0.79%	
4	Adhesive	Adhesive	0.01	4,4'-propane-2,2-diylidiphenol - 2-(chloromethyl)oxirane (1:1)	25068-38-6	75.1%	0.95%	1.27%
				Alkyl (C12-C14) glycidyl ether	68609-97-2	23.4%	0.30%	
				Carbon Black	1333-86-4	1.5%	0.02%	
5	Solder bar	Tin	0.01	Tin (Sn)	7440-31-5	99.0%	1.25%	1.27%

MATERIAL DECLARATION



				Silver(Ag)	7440-22-4	0.5%	0.01%	
				Copper(Cu)	7440-50-8	0.5%	0.01%	
		Total weight	0.79					

This Document was updated on: 2014/06/26

Important remarks:

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