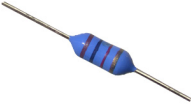


MATERIAL DECLARATION SHEET



Material Number	78F Series (101~471 · 681~102)			
Product Line	Axial Inductor			
Compliance Date	2017/06/29			
RoHS Compliant	YES	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	CORE	Ferrite Core	46	Iron oxide (Fe2O3)	1309-37-1	65.2	15.001	23.77
				Zinc oxide (ZnO)	1314-13-2	14.9	4.897	
				Nickel oxide (NiO)	1313-99-1	12.5	2.758	
				Cupric oxide(CuO)	1317-39-1	3.2	0.357	
				Magnesium oxide (MgO)	1309-48-4	4.2	0.761	
2	Wire	Copper	69	Copper(Cu)	7440-50-8	95.0	35.840	37.73
				Copper(Cu)	7440-50-8	99.95%	1.884	
		Resin	4	Misc. ,not to declare	\	0.05%	0.002	1.886
3	Lead Wire	CP WIRE	55	Copper (Cu)	7440-50-8	92.0	26.150	28.42
				Tin (Sn)	7440-31-5	8.0	2.274	
4	Adhesive	Adhesive	2	Oxirane,2-(chloromethyl)-, homopolymer	24969-06-0	41.0	0.424	1.03
				Phenol formaldehyde resin	9003-35-4	10.0	0.103	
				Dicyandiamide	461-58-5	6.0	0.062	
				Urea,N,N-dimethyl-N'-phenyl-	101-42-8	3.0	0.031	
				Titanium(IV) oxide	13463-67-7	1.0	0.010	
				Bentonites	1302-78-9	6.0	0.062	
				Methylene diphenyl diisocyanate	101-68-8	5.0	0.052	

MATERIAL DECLARATION SHEET



				Hydroxide Aluminum	21645-51-2	28.0	0.289	
5	Solder	Solder	1	Tin (Sn)	7440-31-5	99.3	0.513	0.52
				Copper (Cu)	7440-50-8	0.7	0.004	
6	Coating	Epoxy	10	CuPc, Copper(II) Phthalocyanine	147-14-8	15.0	0.775	5.17
				Epoxy Resin	25085-99-8	70.0	3.618	
				Titanium Dioxide	13463-67-7	15.0	0.775	
		UV glue	6.5	Bisphenol A Epoxy Resin	25068-38-6	65.0	2.183	3.36
				Tripropylene glycol diacrylate	42978-66-5	20.0	0.672	
				Styrene	100-42-5	15.0	0.504	
		Total weight	193.5					

This Document was updated on: 2017/06/29

Important remarks: