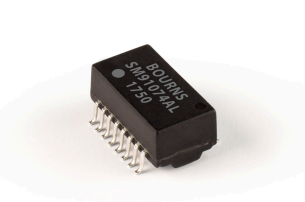


MATERIAL DECLARATION SHEET



Material Number	SM91074AL			
Product Line	LAN Transformer			
Compliance Date	2018-6-13			
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 ferrite core	0.1478	Iron oxide	1309-37-1	70	14.0856	20.1224
				Zinc oxide	1314-13-2	15	3.0184	
				Manganese oxide	1317-35-7	15	3.0184	
2	Core	Ni-Zn ferrite core	0.0462	Iron oxide	1309-37-1	65	4.0885	6.2900
				Zinc oxide	1314-13-2	20	1.258	
				Nickel oxide	1313-99-1	10	0.629	
				Copper oxide	1317-38-0	5	0.3145	
3	Wire	Polyurethane/ Polyamide Enamelled Copper Wire	0.0592	Copper	7440-50-8	93.41	7.5288	8.0599
				Polyurethane	9009-54-4	6.59	0.5311	
4	Case	Diallyl Phthalate (DAP) Molding Compound	0.355	DAP	25035-78-3	28	13.5330	48.3322
				Aluminum hydroxide	21645-51-2	45	21.7495	
				Glass fiber	65997-17-3	27	13.0497	
5	Terminal Pin	Phosphor Bronze Alloys	0.081	Tin	7440-31-5	8.06	0.8888	11.0279
				Phosphorus	7723-14-0	0.16	0.0177	
				Copper	7440-50-8	91.54	10.0949	

MATERIAL DECLARATION SHEET



				Nickel	7440-02-0	0.24	0.0265	
6	Silicone resin	1-2577	0.035	Dimethyl methylphenylmethoxy siloxane	68952-93-2	84.5	4.0268	4.7654
				Methyltrimethoxysilane	1185-55-3	14.1	0.6719	
				Tetrabutyl titanate	5593-70-4	1.4	0.0667	
7	Solder	Sn100	0.0103	Tin	7440-31-5	100	1.4022	1.4022
		Total weight	0.7345					

This Document was updated on: 2018-6-13