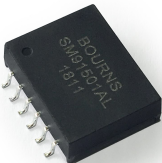


MATERIAL DECLARATION SHEET



Material Number	SM91501AL			
Product Line	LAN Transformer			
Compliance Date	2018-9-18			
RoHS Compliant	YES	MSL	1	

No.	Construction Element(sub part)	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	MnZn ferrite core	0.152	Iron oxide	1309-37-1	52.9	8.55	16.17
				Zinc oxide	1314-13-2	13.6	2.199	
				Manganese oxide	1317-35-7	32.3	5.223	
				Paraylene	1633-22-3	1.2	0.194	
		NiZn ferrite core	0.088	Iron oxide	1309-37-1	52.6	4.924	9.36
				Zinc oxide	1314-13-2	11	1.029	
				Nickel oxide	1313-99-1	33.5	3.136	
				Copper oxide	1317-38-0	2.2	0.206	
2	Wire	Cu	0.0776	Copper	7440-50-8	99.9	8.242	8.25
				Oxygen	7782-44-7	0.1	0.008	
		Polyurethane	0.0024	Polyurethane	51852-81-4	100.0	0.250	0.25
3	Case	DiallylPhthalate (DAP) Molding Compound	0.48	DAP resin	25035-78-3	25	12.765	51.06
				Aluminum Trihydroxide	21645-51-2	45	22.977	
				Glass Fiber	65997-17-3	30	15.318	

MATERIAL DECLARATION SHEET



4	Terminal PIN	Phosphor Bronze Alloys	0.06	Copper	7440-50-8	89.5	5.710	6.38
				Nickel	7440-02-0	1.5	0.096	
				Tin	7440-31-5	9	0.574	
5	Silicone	Silicone	0.06	Dimethyl methylphenylmethoxy siloxane	68952-93-2	88.9	5.672	6.38
				Methyltrimethoxysilane	1185-55-3	10.5	0.670	
				Tetrabutyl titanate	5593-70-4	0.6	0.038	
6	Pin Solder	Sn100	0.02	Tin	7440-31-5	100	2.120	2.12
		Total weight	0.94					

This Document was updated on: 2018-9-18