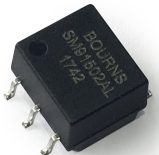


MATERIAL DECLARATION SHEET



Material Number	SM91502AL			
Product Line	LAN Transformer			
Compliance Date	2018-9-18			
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	MnZn ferrite core	0.076	Iron oxide	1309-37-1	52.9	10.051	19.0
				Zinc oxide	1314-13-2	13.6	2.584	
				Manganese oxide	1317-35-7	32.3	6.137	
				Paralene	1633-22-3	1.2	0.228	
		NiZn ferrite core	0.044	Iron oxide	1309-37-1	52.6	5.786	11.0
				Zinc oxide	1314-13-2	11	1.21	
				Nickel oxide	1313-99-1	33.5	3.685	
				Copper oxide	1317-38-0	2.2	0.242	
2	Wire	Copper	0.0388	Copper	7440-50-8	99.97	9.697	9.7
				Oxygen	7782-44-7	0.03	0.003	
		Polyurethane	0.0012	Polyurethane	51852-81-4	0.01	0.3	0.3
3	Case	Diallyl Phthalate (DAP) Molding Compound	0.18	DAP resin	25035-78-3	25	11.25	45.0
				Aluminum Trihydroxide	21645-51-2	45	20.25	
				Glass Fiber	65997-17-3	30	13.5	

MATERIAL DECLARATION SHEET



4	Terminal PIN	Phosphor Bronze Alloys	0.02	Copper	7440-50-8	89.5	4.475	5.0
				Nickel	7440-02-0	1.5	0.075	
				Tin	7440-31-5	9	0.45	
5	Silicon	Silicon	0.03	Dimethyl methylphenylmethoxy siloxane	68952-93-2	88.9	5.1	7.5
				Methyltrimethoxysilane	1185-55-3	10.5	0.6	
				Tetrabutyl titanate	5593-70-4	0.6	0.0375	
6	Pin Solder	Sn100	0.01	Tin	7440-31-5	100	2.5	2.5
		Total weight	0.4					

This Document was updated on: 2018-9-18