


MATERIAL DECLARATION SHEET



Material Number	SM91508AL			
Product Line	Signal Transformer			
Compliance Date	2019-5-30			
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	0.0774	Iron oxide	1309-37-1	68.74	13.0756	19.02
				Zinc oxide	1314-13-2	14.73	2.8019	
				Manganese oxide	1317-35-7	14.73	2.8019	
				Parylene – C	28804-46-8	1.8	0.3424	
		Ni-Zn ferrite core	0.044	Iron oxide	1309-37-1	52.6	5.6879	10.81
				Zinc oxide	1314-13-2	11	1.1895	
				Nickel oxide	1313-99-1	33.5	3.6225	
				Copper oxide	1317-38-0	2.2	0.2379	
		Parylene – N	1633-22-3	0.7	0.0757			

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2	Wire	Polyamide over polyurethane enameled copper wire	0.0396	Copper	7440-50-8	96.959	9.4341	9.73
				Oxygen	7782-44-7	0.04	0.0039	
				Polyurethane	68400-67-9	3.0	0.02919	
				Polyamide	63428-83-1	0.001	0.0001	
3	Case	Diallyl Phthalate (DAP) Molding Compound	0.1806	DAP resin	25035-78-3	25	11.095	44.38
				Aluminum Trihydroxide	21645-51-2	45	19.971	
				Glass Fiber	65997-17-3	30	13.314	
4	Terminal PIN	Phosphor Bronze Alloys	0.028	Tin	7440-31-5	5.73	0.3943	6.88
				Phosphorus	7723-14-0	0.26	0.0177	
				Copper	7440-50-8	92.29	6.3509	
				Nickel	7440-02-0	1.72	0.1183	
5	Silicone	1-2577	0.0333	Poly(dimethylsiloxane)	9016-00-6	100	8.1838	8.18
6	Solder	Sn100	0.004	Tin	7440-31-5	100	0.9830	1.00
Total weight			0.4069					

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