


MATERIAL DECLARATION SHEET



Material Number	SM91072AL			
Product Line	Signal Transformer			
Compliance Date	2019-5-28			
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	68.8	13.8443	20.12
				Zinc oxide	1314-13-2	14.4	2.8976	
				Manganese oxide	1313-35-7	14.4	2.8976	
				Paracyclophene	1633-22-3	2.4	0.4829	
		Ni-Zn ferrite core	0.0462	Iron oxide	1309-37-1	64	4.0256	6.29
				Zinc oxide	1314-13-2	19.3	1.2140	
				Nickel oxide	1313-99-1	9.6	0.6038	
				Copper oxide	1317-38-0	4.8	0.3019	
				Paracyclophene	1633-22-3	2.3	0.1447	
		2	Wire	Polyurethane/ Polyamide Enamelled Copper Wire	0.0592	Copper	7440-50-8	93.4
Polyurethane	68400-67-9					6.36	0.5126	
Polyamide	63428-83-1					0.24	0.0193	
3	Case		0.355	DAP resin	25035-78-3	25	12.0825	48.33

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		DiallylPhthalate (DAP) Molding Compound		Aluminum hydroxide	21645-51-2	45	21.7485	
				Glass Fiber	65997-17-3	30	14.499	
4	Terminal PIN	Phosphor Bronze Alloys	0.081	Tin	7440-31-5	5.73	0.6320	11.03
				Phosphorus	7723-14-0	0.26	0.0287	
				Copper	7440-50-8	92.29	10.1796	
				Nickel	7440-02-0	1.72	0.1897	
5	Silicone	1-2577	0.035	Poly(dimethylsiloxane)	9016-00-6	100	4.7651	4.77
6	Solder	Sn100	0.00618	Tin	7440-31-5	100	0.8414	0.84
7	Solder	Sn96Cu4	0.00412	Tin	7440-31-5	96	0.5376	0.56
				Copper	7440-50-8	4	0.0224	
Total weight			0.7345					

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