


# MATERIAL DECLARATION SHEET



Material Number	<b>SM51625EL</b>			
Product Line	<b>LAN Transformer</b>			
Compliance Date	<b>2016-2-23</b>			
RoHS Compliant	<b>YES</b>	MSL	<b>1</b>	

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	0.3443	Iron oxide	1309-37-1	60	12.6564	21.094
				Zinc oxide	1314-13-2	10	2.1094	
				Manganese oxide	1344-43-0	30	6.3282	
		Ni-Zn ferrite core	0.101	Iron oxide	1309-37-1	50.01	3.060	6.188
Zinc oxide	1314-13-2			28.99	1.794			
Nickel oxide	1313-99-1			21.00	1.299			
2	Wire	Polyurethane/ Polyamide Enamelled Copper Wire	0.0623	Copper	7440-50-8	87.5	3.340	3.817
				Polyurethane resin	9009-54-5	11.9	0.454	
				Polyamide resin	70024-79-2	0.6	0.023	
3	Case	Diallyl Phthalate (DAP) Molding Compound	0.8391	DAP	25035-78-3	30	15.423	51.410
				Aluminum hydroxide	21645-51-2	40	20.564	
				Silicon dioxide	14808-60-7	30	15.423	
4	Terminal PIN	Phosphor Bronze Alloys	0.1325	Copper	7440-50-8	91.65	7.440	8.118
				Tin	7440-31-5	8	0.650	
				Phosphorus	7723-14-0	0.35	0.028	
5	Varnish	Varnish	0.08928	Alkyd Resin	63148-69-6	90.9	4.972	5.470
				Amino resin	68002-26-6	9.1	0.498	
				Epoxy Resin	25085-99-8	56.2	0.186	
6	Ink	Hot sclerosis type labeled text printing ink	0.0054	Barium sulfate	7727-43-7	39.3	0.130	0.331
				Carbon black	1333-86-4	4.5	0.015	
				Tin	7440-31-5	96	3.429	
7	Solder	Sn96/Cu4	0.0583	Copper	7440-50-8	4	0.143	3.572
				Total weight	1.63218			

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