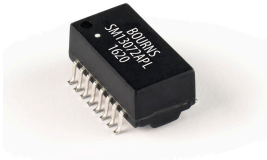


# MATERIAL DECLARATION SHEET



Material Number	<b>SM13072APEL</b>			
Product Line	<b>LAN Transformer</b>			
Compliance Date	<b>2016-8-15</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	0.1368	Iron oxide	1309-37-1	70	8.5253	12.179
				Zinc oxide	1314-13-2	15	1.8269	
				Manganese oxide	1317-35-7	15	1.8269	
		NiZn ferrite core	0.269	Iron oxide	1309-37-1	67	16.0455	23.949
				Zinc oxide	1314-13-2	19	4.5502	
				Nickel oxide	131-99-1	10	2.3949	
2	Wire	Polyurethane/ Polyamide Enamelled Copper Wire	0.1537	Copper oxide	1633-22-3	4	0.9579	13.682
				Copper	7440-50-8	93.41	12.7802	
3	Case	Diallyl Phthalate (DAP) Molding Compound	0.41	Polyurethane resin	9009-54-5	6.35	0.8688	36.501
				Polyamide resin	70024-79-2	0.24	0.0328	
				Diallyl phthalate	25035-78-3	25	9.1254	
4	Terminal PIN	Phosphor Bronze Alloys	0.0589	Aluminum hydroxide	21645-51-2	45	16.4257	5.246
				Glass fiber	65997-17-3	30	10.9505	
				Tin	7440-31-5	7.76	0.4071	
				Phosphorus	7723-14-0	0.16	0.0084	
				Zinc	7440-66-6	0.2	0.0105	
5	Silicone rubber	WR7306 A	0.035	Iron	7439-89-6	0.1	0.0052	3.116
				Copper	7440-50-8	91.54	4.8026	
				Nickel	7440-02-0	0.24	0.0126	
		WR7306 B	0.035	Vinyl-containing Polysiloxane	68083-19-2	36	1.1217	3.116
				Silicon dioxide	14808-60-7	60	1.8696	
				Carbon black	1333-86-4	1	0.0312	
		Additives not to declare	/	3	0.0935			
		Me hydrogen	63148-57-2	40	1.2464			
		Silicon dioxide	14808-60-7	60	1.8696			

# MATERIAL DECLARATION SHEET



6	Marking Ink	Hot sclerosis type labeled text printing ink	0.0054	Epoxy Resin	61788-97-4	50	0.2404	0.481
				Barium sulfate	7727-43-7	35	0.1683	
				Carbon black	1333-86-4	4	0.0192	
7	Solder	Sn96/Cu4	0.0194	Tin	7440-31-5	96	1.6606	1.730
				Copper	7440-50-8	4	0.0692	
Total weight			1.1232					

**This Document was updated on: 2016-8-15**