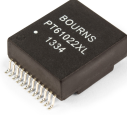


# MATERIAL DECLARATION



Material Number	PT61022XEL			
Product Line	LAN Transformer			
Compliance Date	2013-09-06			
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	0.2825	Iron oxide	1309-37-1	52.58	9.559044	18.18
				Zinc oxide	1314-13-2	19.59	3.561462	
				Manganese oxide	1344-43-0	27.78	5.050404	
				Parylene	1633-22-3	0.05	0.00909	
		NiZn ferrite core	0.101	Iron oxide	1309-37-1	49.98	3.2487	6.50
				Zinc oxide	1314-13-2	28.98	1.8837	
Nickel oxide	1313-99-1			20.99	1.36435			
2	Wire	Polyurethane/ Polyamide Enameled Copper Wire	0.0623	Parylene	1633-22-3	0.05	0.00325	4.01
				Copper	7440-50-8	87.5	3.50875	
				Polyurethane resin	9009-54-5	11.9	0.47719	
				Polyamide resin	70024-79-2	0.6	0.02406	
3	Case	Diallyl Phthalate (DAP) Molding Compound	0.8225	Diallyl Phthalate	25035-78-3	30	15.879	52.93
				Aluminum hydroxide	21645-51-2	40	21.172	
				Silicon dioxide	7631-86-9	30	15.879	
				Copper	7440-50-8	91.65	7.817745	
4	Terminal PIN	Phosphor Bronze Alloys	0.1326	Tin	7440-31-5	8	0.6824	8.53
				Phosphorus	7723-14-0	0.35	0.029855	
				Alkyd Resin	---	91	5.2325	
5	Varnish	Varnish	0.08928	Amino Resin	68002-25-5	9	0.5175	5.75
				Epoxy Resin	25036-25-3	56	0.196	
6	Ink	Hot sclerosis type labeled text printing ink	0.0054	Barium sulfate	7727-43-7	39	0.1365	0.35
				Carbon black	1333-86-4	5	0.0175	
				Tin	7440-31-5	99.3	3.72375	
7	Solder	Sn99.3/Cu0.7	0.0583	Copper	7440-50-8	0.7	0.02625	3.75
Total weight			1.55388					

This Document was updated on: 2013-09-06