

MATERIAL DECLARATION SHEET



Material Number	PT61017XPEL			
Product Line	LAN Transformer			
Compliance Date	2016-6-21			
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	0.0942	Iron oxide	1309-37-1	60	7.828	13.046
				Manganese oxide	1344-43-0	30	3.914	
				Zinc oxide	1314-13-2	10	1.305	
		NiZn ferrite core	0.0505	Iron oxide	1309-37-1	50	3.498	6.996
				Nickel oxide	1313-99-1	35	2.449	
				Zinc oxide	1314-13-2	15	1.049	
2	Wire	Polyurethane/ Polyamide Enameled Copper Wire	0.0156	Copper	7440-50-8	87	1.878	2.158
				Polyurethane resin	9009-54-5	12.4	0.268	
				Polyamide resin	70024-79-2	0.6	0.013	
3	Case	Diallyl Phthalate (DAP) Molding Compound	0.4100	Diallyl iso-phthalate	25035-78-3	25	14.201	56.803
				Aluminum hydroxide	21645-51-2	45	25.561	
				Silicon dioxide	14808-60-7	30	17.041	
4	Terminal PIN	Phosphor Bronze Alloys	0.0589	Copper	7440-50-8	91.65	7.483	8.164
				Tin	7440-31-5	8	0.653	
				Phosphorus	7723-14-0	0.35	0.029	
5	Varnish	Varnish	0.0678	Alkyd Resin	63148-69-6	91	8.7355	9.393
				Amino resin	proprietary	9	0.6575	
6	Ink	Hot sclerosis type labeled text printing ink	0.0054	Epoxy Resin	25085-99-8	56	0.4189	0.748
				Barium Sulfate	7727-43-7	39	0.2917	
				Carbon black	1333-86-4	5	0.0374	
7	Solder	Sn96/Cu4	0.0194	Tin	7440-31-5	96	2.584	2.692
				Copper	7440-50-8	4	0.108	
Total weight			0.7218					

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