

MATERIAL DECLARATION SHEET



Material Number	PT61017XPEL/ PT61017XPEL-1		
Product Line	LAN Transformer		
Compliance Date	2020-6-17		
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	MnZn ferrite core	0.1537	Iron(III) oxide	1309-37-1	55	10.79	19.62
				Zinc oxide	1314-13-2	25	4.90	
				Manganese(II) Oxide	1344-43-0	20	3.92	
		NiZn ferrite core	0.1143	Iron(III) oxide	1309-37-1	50	7.29	14.59
				Zinc oxide	1314-13-2	15	2.19	
				Nickel(II) oxide	1313-99-1	35	5.11	
2	Wire	Enamelled Copper Wire	0.0412	Copper	7440-50-8	87.5	4.60	5.26
				Polyurethane resin	9009-54-5	11.9	0.63	
				polyamide resin	32131-17-2	0.6	0.03	
3	Case	DiallylPhthalate (DAP) Molding Compound	0.3216	DAP resin	25035-78-3	25	10.26	41.05
				Aluminum Trihydroxide	21645-51-2	45	18.47	
				Glass Fiber	65997-17-3	30	12.31	
4	Terminal PIN	Phosphor Bronze Alloys	0.0347	Copper	7440-50-8	91.54	4.05	4.43
				Zinc	7440-66-6	0.2	0.01	
				Phosphorus	7723-14-0	0.16	0.01	
				Iron	8053-60-9	0.1	0.00	
				Tin	7440-31-5	8	0.35	
5	Varnish	Varnish	0.07	Alkyd resin	63148-69-6	87.5	7.82	8.93
				Amino resin	9003-08-1	8.75	0.97	
				Siloxanes and Silicones	67762-85-0	3.75	0.34	
6	Pin Solder	Tin	0.008	Tin	7440-31-5	100	1.02	1.02
7	Inner Pin Solder	Tin	0.04	Tin	7440-31-5	96	4.90	5.11
				Copper	7440-50-8	4	0.20	

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Total weight	0.7835
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