

MATERIAL DECLARATION SHEET



Material Number	PT61018PEL		
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	0.1436	Iron(III) oxide	1309-37-1	55	10.44	18.98
				Zinc oxide	1314-13-2	25	4.74	
				Manganese(II) Oxide	1344-43-0	20	3.80	
		NiZn ferrite core	0.0856	Iron(III) oxide	1309-37-1	50	5.66	11.31
				Zinc oxide	1314-13-2	15	1.70	
				Nickel(II) oxide	1313-99-1	35	3.96	
2	Wire	Enamelled Copper Wire	0.0332	Copper	7440-50-8	87.5	3.84	4.39
				Polyurethane resin	9009-54-5	11.9	0.52	
				polyamide resin	32131-17-2	0.6	0.03	
3	Case	DiallylPhthalate (DAP) Molding Compound	0.3216	DAP resin	25035-78-3	25	10.63	42.50
				Aluminum Trihydroxide	21645-51-2	45	19.13	
				Glass Fiber	65997-17-3	30	12.75	
4	Terminal PIN	Phosphor Bronze Alloys	0.03470	Copper	7440-50-8	91.54	4.20	4.59
				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	0.37	
5	Varnish	Varnish	0.09	Alkyd resin	63148-69-6	87.5	10.41	11.89
				Amino resin	9003-08-1	8.75	1.04	
				Siloxanes and Silicones	67762-85-0	3.75	0.44	
8	Pin Solder	Sn100	0.008	Tin	7440-31-5	100	1.06	1.06
9	Inner Pin Solder	Sn96/Cu4	0.04	Tin	7440-31-5	96	5.07	5.29
				Copper	7440-50-8	4	0.21	

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Total weight	0.7567
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