

MATERIAL DECLARATION SHEET.



Material Number	PT61020EL		
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	0.4313	Iron(III) oxide	1309-37-1	55	13.08	23.79	
				Zinc oxide	1314-13-2	25	5.95		
				Manganese(II) Oxide	1344-43-0	20	4.76		
		NiZn ferrite core	0.1332		Iron(III) oxide	1309-37-1	50	3.67	7.35
					Zinc oxide	1314-13-2	15	1.10	
					Nickel(II) oxide	1313-99-1	35	2.57	
2	Wire	Enamelled Copper Wire	0.0914	Copper	7440-50-8	87.5	4.41	5.04	
				Polyurethane resin	9009-54-5	11.9	0.60		
				polyamide resin	32131-17-2	0.6	0.03		
3	Case	DiallylPhthalate (DAP) Molding Compound	0.78	DAP resin	25035-78-3	25	10.76	43.02	
				Aluminum Trihydroxide	21645-51-2	45	19.36		
				Glass Fiber	65997-17-3	30	12.91		
4	Terminal PIN	Phosphor Bronze Alloys	0.056	Copper	7440-50-8	91.54	2.83	3.09	
				Zinc	7440-66-6	0.2	0.01		
				Phosphorus	7723-14-0	0.16	0.00		
				Iron	8053-60-9	0.1	0.00		
				Tin	7440-31-5	8	0.25		
5	Varnish	Varnish	0.22	Alkyd resin	63148-69-6	87.5	10.61	12.14	
				Amino resin	9003-08-1	8.75	1.06		
				Siloxanes and Silicones	67762-85-0	3.75	0.46		
8	Pin Solder	Sn100	0.021	Tin	7440-31-5	100	1.16	1.16	
9	Inner Pin Solder	Sn96/Cu4	0.08	Tin	7440-31-5	96	4.24	4.41	
				Copper	7440-50-8	4	0.18		
		Total weight	1.8129						

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