

# MATERIAL DECLARATION SHEET



Material Number	PT61021EL			
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	0.2213	Iron(III) oxide	1309-37-1	55	8.47066602	15.4012
				Zinc oxide	1314-13-2	25	3.85030274	
				Manganese(II) Oxide	1344-43-0	20	3.08024219	
		NiZn ferrite core	0.1132	Iron(III) oxide	1309-37-1	50	3.93903542	7.8781
				Zinc oxide	1314-13-2	15	1.18171063	
				Nickel(II) oxide	1313-99-1	35	2.75732480	
2	Wire	Enamelled Copper Wire	0.0714	Copper	7440-50-8	87.5	4.34790173	4.9690
				Polyurethane resin	9009-54-5	11.9	0.59131464	
				polyamide resin	32131-17-2	0.6	0.02981418	
3	Case	DiallylPhthalate (DAP) Molding Compound	0.78	DAP resin	25035-78-3	25	13.57088176	54.2835
				Aluminum Trihydroxide	21645-51-2	45	24.42758717	
				Glass Fiber	65997-17-3	30	16.28505811	
4	Terminal PIN	Phosphor Bronze Alloys	0.056	Copper	7440-50-8	91.54	3.56756907	3.8973
				Zinc	7440-66-6	0.2	0.00779456	
				Phosphorus	7723-14-0	0.16	0.00623565	
				Iron	8053-60-9	0.1	0.00389728	
				Tin	7440-31-5	8	0.31178231	
5	Varnish	Varnish	0.12	Alkyd resin	63148-69-6	87.5	7.30740046	8.3513
				Amino resin	9003-08-1	8.75	0.73074004	
				Siloxanes and Silicones	67762-85-0	3.75	0.313174311	
8	Pin Solder	Sn100	0.075	Tin	7440-31-5	100	1.04391398	5.219
		Total weight	1.4369					

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