

MATERIAL DECLARATION SHEET



Material Number	PT61018AAPEL-S			
Product Line	LAN Transformer			
Compliance Date	2016-8-15			
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	0.086	Iron oxide	1309-37-1	60	5.6868	9.478
				Zinc oxide	1314-13-2	10	0.9478	
				Manganese oxide	1344-43-0	30	2.8434	
		NiZn ferrite core	0.0505	Iron oxide	1309-37-1	50	2.7828	5.565
				Zinc oxide	1314-13-2	15	0.8348	
				Nickel oxide	1313-99-1	35	1.9479	
2	Wire	Polyurethane/ Polyamide Enamelled Copper Wire	0.0156	Copper	7440-50-8	87	1.4934	1.716
				Polyurethane resin	9009-54-5	12.4	0.2128	
				Polyamide resin	70024-79-2	0.6	0.0103	
3	Case	Diallyl Phthalate (DAP) Molding Compound	0.41	Diallyl phthalate	25035-78-3	25	11.2964	45.186
				Aluminum hydroxide	21645-51-2	45	20.3336	
				Glass Fiber	65997-17-3	30	13.5557	
4	Terminal PIN	Phosphor Bronze Alloy	0.0589	Tin	7440-31-5	7.76	0.5040	6.496
				Phosphorus	7723-14-0	0.16	0.0104	
				Zinc	7440-66-6	0.2	0.0130	
				Iron	7439-89-6	0.1	0.0065	
				Copper	7440-50-8	91.54	5.94518	
				Nickel	7440-02-0	0.24	0.0156	
5	Varnish	Varnish	0.1	Alkyd Resin	63148-69-6	79.3	8.7396	11.021
				Stearic acid	57-11-4	0.4	0.0441	
				Melamine Resin	9003-08-1	20.3	2.2373	
6	Silicone rubber	WR7306 A	0.05	Vinyl-containing Polysiloxane	68083-19-2	36	1.9838	5.510
				Silicon dioxide	14808-60-7	60	3.3063	
				Carbon black	1333-86-4	1	0.0551	
				Additives not to declare	/	3	0.1653	
		WR7306 B	0.05	Me hydrogen	63148-57-2	40	2.2042	5.510
				Silicon dioxide	14808-60-7	60	3.3063	

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6	Marking Ink	Hot sclerosis type labeled text printing ink	0.0014	Epoxy Resin	25085-99-8	52.6	0.0749	0.150
				Barium sulfate	7727-43-7	15.8	0.0225	
				Titanium Dioxide	13463-67-7	31.6	0.0450	
7	Solder	Sn96/Cu4	0.085	Tin	7440-31-5	96	8.9931	9.368
				Copper	7440-50-8	4	0.3747	
				Total weight	0.9074			

This Document was updated on: 2017-1-3