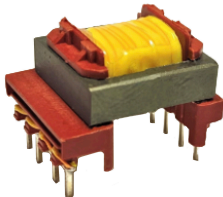


MATERIAL DECLARATION



Material Number	093830			
Product Line	Smart Power Transformer			
Compliance Date	December 02, 2022			
RoHS Compliant	YES	MSL	N/A	

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	Ferrite Core (Set)	Manganese-Zinc-Ferrite	3.1	Manganese-Zinc-Ferrite	12645-49-7	100	41.33	41.33
2	Coil Former	Glass Fiber Reinforced Polyamide	0.8	Polyamide 66	32131-17-2	57.0	6.08	10.67
				Glass Fiber	65997-17-3	35.0	3.73	
				Red Phosphorous	7723-14-0	6.0	0.64	
				Additives, not to declare	--	2.0	0.21	
		CuNi18Zn20	0.22	Copper	7440-50-8	60-63	1.76-1.85	2.93
				Zinc	7440-66-6	19.97	0.59	
				Nickel	7440-02-0	17-19	0.50-0.56	
				Manganese	7439-96-5	0.0-0.5	0.0-0.015	
				Iron	7439-89-6	0.0-0.3	0.0-0.009	
				Tin	7440-31-5	0.0-0.03	0.0-0.001	
Lead	7439-92-1	0.0-0.03	0.0-0.001					
Misc., not to declare	--	0.0-0.2	0.0-0.006					
3	DIW Wire	Double Insulated Wire	0.8	Copper	7440-50-8	95	10.13	10.67
				Polyurethane	9009-54-5	4.75	0.51	
				Additives, not to declare	--	0.25	0.03	
4	DIW Wire	Double Insulated Wire	0.5	Copper	7440-50-8	95	6.33	6.67
				Polyurethane	9009-54-5	4.75	0.32	
				Additives, not to declare	--	0.25	0.02	
5	TIW Wire	Triple Insulated Wire	1.6	Copper	7440-50-8	86.0	18.35	21.33
				Polyester	--	8.5	1.81	
				Polyamide	--	5.5	1.17	

MATERIAL DECLARATION



6	Adhesive Tape	Polyester Tape	0.09	Polyethylene terephthalate	25038-59-9	38.0-43.7	0.46-0.52	1.20
				2-Propenoic acid, polymer with 2-ethylhexyl 2-propenoate	25134-51-4	48.6-57.0	0.58-0.68	
				1,3,5-Triazine-2,4,6-triamine, polymer with formaldehyde, butylated	68002-25-5	1.08-1.80	0.013-0.022	
				Titanium Dioxide	1317-80-2	0.54-0.90	0.006-0.011	
				C.I. Pigment Yellow 138	30125-47-4	1.08-1.80	0.013-0.022	
				Misc., not to declare	--	2.675	0.03	
7	Adhesive Tape	Polyester Tape	0.23	Polyethylene terephthalate	25038-59-9	50.0	1.53	3.07
				Acrylate Polymer	--	50.0	1.53	
8	Adhesive	Acrylic	0.06	Polymethyl methacrylate	9011-14-7	99.0-99.9	0.79-0.80	0.80
				Misc., not to declare	--	0.1-1.0	0.0-0.008	
9	Solder	Sn99Ag0.3Cu0.7	0.1	Tin	7440-31-5	99	1.32	1.33
				Copper	7440-50-8	0.7	0.009	
				Silver	7440-22-4	0.3	0.004	
		Total weight	7.50					

This Document was updated on: August 4, 2023

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.