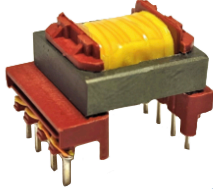


MATERIAL DECLARATION



Material Number	063929			
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	46.48	46.48
2	Coil Former	Glass Fiber Reinforced Polyamide	0.8	Polyamide 66	32131-17-2	57.0	6.84	11.99
				Glass Fiber	65997-17-3	35.0	4.20	
				Red Phosphorous	7723-14-0	6.0	0.72	
				Additives, not to declare	--	2.0	0.24	
		CuNi18Zn20	0.22	Copper	7440-50-8	60-63	1.98-2.08	3.30
				Zinc	7440-66-6	19.97	0.66	
				Nickel	7440-02-0	17-19	0.56-0.63	
				Manganese	7439-96-5	0.0-0.5	0.0-0.02	
				Iron	7439-89-6	0.0-0.3	0.0-0.01	
				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	0.0-0.007					
3	DIW Wire	Double Insulated Wire	0.8	Copper	7440-50-8	95	11.39	11.99
				Polyurethane	9009-54-5	4.75	0.57	
				Additives, not to declare	--	0.25	0.03	
4	TIW Wire	Triple Insulated Wire	1.4	Copper	7440-50-8	86.0	18.05	20.99
				Polyester	--	8.5	1.78	
				Polyamide	--	5.5	1.15	
5	Adhesive Tape	Polyester Tape	0.19	Polyethylene terephthalate	25038-59-9	50.0	1.42	2.85
				Acrylate Polymer	--	50.0	1.42	

MATERIAL DECLARATION



6	Adhesive	Acrylic	0.06	Polymethyl methacrylate	9011-14-7	99.0-99.9	0.89-0.90	0.90
				Misc., not to declare	--	0.1-1.0	0.0-0.01	
7	Solder	Sn99Ag0.3Cu0.7	0.1	Tin	7440-31-5	99.0	1.48	1.50
				Copper	7440-50-8	0.7	0.01	
				Silver	7440-22-4	0.3	0.004	
		Total weight	6.67					

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.