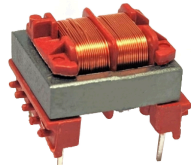


MATERIAL DECLARATION



Material Number	071923			
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	1.6	Manganese-Zinc-Ferrite	12645-49-7	100	42.80	42.80
2	Coil Former	Glass Fiber Reinforced Polyamide	0.45	Polyamide 66	32131-17-2	57.0	6.86	12.04
				Glass Fiber	65997-17-3	35.0	4.21	
				Red Phosphorous	7723-14-0	6.0	0.72	
				Additives, not to declare	--	2.0	0.24	
		CuNi18Zn20	0.048	Copper	7440-50-8	60-63	0.77-0.81	1.28
				Zinc	7440-66-6	19.97	0.26	
				Nickel	7440-02-0	17-19	0.22-0.24	
				Manganese	7439-96-5	0.0-0.5	0 - 0.01	
				Iron	7439-89-6	0.0-0.3	0 - 0.004	
				Tin	7440-31-5	0.0-0.03	0 - 0.0004	
Lead	7439-92-1	0.0-0.03	0 - 0.0004					
Misc., not to declare	--	0.0-0.2	0 - 0.003					
3	DIW Wire	Double Insulated Wire	1.5	Copper	7440-50-8	95	38.12	40.13
				Polyurethane	9009-54-5	4.75	1.91	
				Additives, not to declare	--	0.25	0.10	
4	Adhesive	Acrylic	0.04	Polymethyl methacrylate	9011-14-7	98.0-99.9	1.05-1.069	1.07
				Additives, not to declare	--	0.1-2.0	0.001-0.02	
5	Solder	Sn99Ag0.3Cu0.7	0.1	Tin	7440-31-5	99.0	2.653	2.68
				Copper	7440-50-8	0.7	0.019	
				Silver	7440-22-4	0.3	0.008	
Total weight			3.738					

MATERIAL DECLARATION

BOURNS®

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.