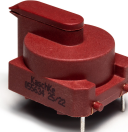


MATERIAL DECLARATION



Material Number	055659			
Product Line	Current Transformer			
Compliance Date	December 08, 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	Nanocrystalline Core	FeCuNbSiB Alloy	2.0	Iron	7439-89-6	82.75	13.02	15.74
				Silicon	7440-21-3	8.78	1.38	
				Niobium	7440-03-1	5.62	0.88	
				Boron	7440-42-8	1.53	0.24	
				Copper	7440-50-8	1.28	0.20	
		Misc., not to declare	--	0.04	0.01			
		Coating	0.2	Epoxy Resin	25036-25-3	45.0	0.71	1.57
				Limestone	1317-65-3	45.0	0.71	
				Titanium dioxide	13463-67-7	7.0	0.11	
				Quartz	2421-28-5	1.0	0.02	
Silicon Dioxide	7631-86-9			1.0	0.02			
BTDA	2421-28-5	0.0-1.0	0.0-0.02					
2	Coil Former	Glass Fiber Reinforced Polyamide	1.96	Polyamide 66	32131-17-2	57.0	8.79	15.42
				Glass Fiber	65997-17-3	35.0	5.40	
				Red Phosphorous	7723-14-0	6.0	0.93	
				Additives, not to declare	--	2.0	0.31	
		CuNi18Zn20	0.05	Copper	7440-50-8	60-63	0.24-0.25	0.39
				Zinc	7440-66-6	19.97	0.08	
				Nickel	7440-02-0	17-19	0.07-0.08	
				Manganese	7439-96-5	0.0-0.5	0.0-0.002	
				Iron	7439-89-6	0.0-0.3	0.0-0.001	
				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	0.0-0.001	

MATERIAL DECLARATION



3	DIW Wire	Double Insulated Wire	3.0	Copper	7440-50-8	95	22.42	23.60
				Polyurethane	9009-54-5	4.75	1.12	
				Additives, not to declare	--	0.25	0.06	
4	Tin-plated Wire	Tin-plated Wire	3.3	Copper	7440-50-8	99.34	25.79	25.96
				Tin	7440-31-5	0.33-0.98	0.09-0.25	
				Lead	7439-92-1	0.0-0.1	0.0-0.03	
				Misc., not to declare	--	0.0-1.0	0.0-0.26	
5	Potting	Potting Resin	2.0	Epoxy Resin	--	45.0-50.0	7.08-7.87	15.74
				Aluminium Hydroxide	21645-51-2	47.0-52.1	7.40-8.20	
				4-Formylmorpholine	4394-85-8	0.0-0.3	0.0-0.05	
				Quartz	14808-60-7	0.1-0.3	0.02-0.05	
				Carbon black	1333-86-4	0.1-0.3	0.02-0.05	
6	Adhesive	Acrylic	0.1	2-Propenoic acid, 2-methyl-, methyl ester, polymer with methyl 2-propenoate	9011-87-4	97.0-99.0	0.78-0.79	0.79
				Additives, not to declare	--	1.0-3.0	0.01-0.02	
7	Solder	Sn99Ag0.3Cu0.7	0.1	Tin	7440-31-5	99.0	0.78	0.79
				Copper	7440-50-8	0.7	0.006	
				Silver	7440-22-4	0.3	0.002	
		Total weight	12.71					

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.