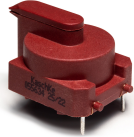


# MATERIAL DECLARATION



Material Number	055663			
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	Ferrite Core	Manganese-Zinc-Ferrite	2.0	Manganese-Zinc-Ferrite	12645-49-7	99.5	17.14	17.23
				Misc., not to declare	--	0.5	0.09	
		Coating	0.1	Epoxy Resin	--	68.0	0.59	0.86
				Rutile	1317-80-2	18.0-20.0	0.16-0.17	
				Barium sulphate	7727-43-7	5.0-8.0	0.04-0.07	
Additives, not to declare	--	5.0-8.0	0.04-0.07					
2	Coil Former	Glass Fiber Reinforced Polyamide	1.96	Polyamide 66	32131-17-2	57.0	9.62	16.88
				Glass Fiber	65997-17-3	35.0	5.91	
				Red Phosphorous	7723-14-0	6.0	1.01	
				Additives, not to declare	--	2.0	0.34	
		CuNi18Zn20	0.05	Copper	7440-50-8	60-63	0.26-0.27	0.43
				Zinc	7440-66-6	19.97	0.09	
				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	
		3	DIW Wire	Double Insulated Wire	2.0	Copper	7440-50-8	95
Polyurethane	9009-54-5					4.75	0.82	
Additives, not to declare	--					0.25	0.04	
4	Tin-plated Wire	Tin-plated Wire	3.3	Copper	7440-50-8	99.34	28.24	28.42
				Tin	7440-31-5	0.33-0.98	0.09-0.28	
				Lead	7439-92-1	0.0-0.1	0.0-0.03	
				Misc., not to declare	--	0.0-1.0	0.0-0.28	

# MATERIAL DECLARATION



5	Potting	Potting Resin	2.0	Epoxy Resin	--	45.0-50.0	7.75-8.61	17.23
				Aluminium Hydroxide	21645-51-2	47.0-52.1	8.10-8.98	
				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	
		Calcium carbonate	471-34-1	0.0-0.2	0.0-0.03			
6	Adhesive	Acrylic	0.1	2-Propenoic acid, 2-methyl-, methyl ester, polymer with methyl 2-propenoate	9011-87-4	97.0-99.0	0.84-0.85	0.86
				Additives, not to declare	--	1.0-3.0	0.01-0.03	
7	Solder	Sn99Ag0.3Cu0.7	0.1	Tin	7440-31-5	99.0	0.85	0.86
				Copper	7440-50-8	0.7	0.006	
				Silver	7440-22-4	0.3	0.003	
		Total weight	11.61					

**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.