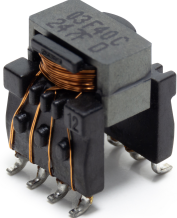


MATERIAL DECLARATION



Material Number	HVMA03F40C-ST10S			
Product Line	TRANSFORMER ER9.5			
Compliance Date	16-AUG-2024			
RoHS Compliant	Comply RoHS	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	BOBBIN	PF-PM9630	530	Phenol, polymer with formaldehyde	9003-35-4	50.00	18.403	36.806
				GF-Fiber	65997-17-3	45.00	16.563	
				Kaolin, calcined	92704-41-1	3.00	1.104	
				Fatty acids, tallow, hydrogenated	61790-38-3	1.00	0.368	
				Zinc stearate	557-05-1	0.50	0.184	
				Carbon black	1333-86-4	0.40	0.147	
				Other, not to declare	system	0.10	0.037	
2	PIN	C5191	123	Copper	7440-50-8	93.15	7.957	8.542
				Tin	7440-31-5	6.25	0.534	
				Phosphorus	7723-14-0	0.19	0.016	
				Zinc	7440-66-6	0.10	0.009	
				Miscellaneous	system	0.31	0.026	
		Plating Tin	2	Tin	7440-31-5	99.90	0.139	0.139
				Miscellaneous	system	0.10	0.0001	
		Plating Ni	5	Nickel	7440-02-0	99.90	0.347	0.347
				Miscellaneous	system	0.10	0.0001	
3	SOLDER	Tin	10	Tin	7440-31-5	99.22	0.689	0.694
				Copper	7440-50-8	0.70	0.005	
				Miscellaneous	system	0.08	0.001	

MATERIAL DECLARATION



No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
4	GLUE	Epoxy Resin	10	Epoxy Resin	25068-38-6	55.00	0.382	0.694
				Limestone	1317-65-3	35.00	0.243	
				Talc	14807-96-6	3.00	0.021	
				bisphenol A/ epichlorohydrin/ butadiene/ acrylonitrile	68610-41-3	3.00	0.021	
				Diuron	330-54-1	0.19	0.001	
				Quartz (SiO ₂)	14808-60-7	0.55	0.004	
				Titanium-dioxide	13463-67-7	1.26	0.009	
5	CORE	MnZn-Ferrite	660	Iron manganese zinc oxide	12645-49-7	99.80	45.741	45.833
				other, not to declare	system	0.20	0.092	
6	WIRE	C1100	64	Copper	7440-50-8	99.90	4.440	4.444
				Miscellaneous	system	0.10	0.004	
		PUR	35.6	Polyurethane resin	9009-54-5	99.90	2.470	2.472
				others, not to declare	system	0.10	0.002	
		PA	0.4	Polyamide resin	32131-17-2	99.90	0.028	0.028
				others, not to declare	system	0.1	0.0001	
7	INK	INK	0.01	Pigment portion, not to declare	system	30.00	0.002	0.0007
				Nitrocellulose	9004-70-0	70.00	0.005	
		Total weight	1440 mg					

This Document was updated on: **16-AUG-2024**

Important remarks:

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