


MATERIAL DECLARATION SHEET



Material Number	HCTSM100304FL			
Product Line	HCT Transformer			
Compliance Date	2021-12-2			
RoHS Compliant	YES	MSL	1	

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	Mn-Zn	0.293	Ferric oxide	1309-37-1	72	14.92	20.721
				Trimanganese tetraoxide	1317-35-7	22	4.56	
				Zinc oxide	1314-13-2	6	1.24	
		Coating	0.006	[2.2]Paracyclophane	1633-22-3	99	0.42	0.424
				Misc not to declare	None	1	0.004	
2	Housing	WH9100	0.568	1,3-Benzenedicarboxylic acid, 1,3-di-2-propen-1-yl ester, homopolymer	25035-78-3	25	10.0425	40.170
				Aluminum hydroxide	21645-51-2	40	16.068	
				Fiber Glass	65997-17-3	30	12.051	
		CP wire	0.062	Copper	7440-50-8	88.8	3.8939	4.385
				Phosphorous	7723-14-0	0.2	0.0088	
				Nickel	7440-02-0	1	0.0438	
				Tin	7440-31-5	10	0.4385	
3	TIW Wire	Triple Insulated Wire	0.08	Copper	7440-50-8	60	3.3948	5.658
				Teflon PFA 335	26655-00-5	39.5	2.2349	

MATERIAL DECLARATION SHEET



				1,3-Propanediol,2-ethyl-2-(hydroxymethyl)	9017-09-8	0.5	0.0283	
4	FIW Wire	Copper Wire	0.0404	Copper	7440-50-8	55	1.57135	2.857
				Polyurethane	26680-22-8	45	1.28565	
5	Cover	HTNFR52G30 NH(r6)	0.253	Polyamide copolymer	63428-83-1	60	10.7358	17.893
				Fiber Glass	65997-17-3	30	5.3679	
				Non-halogenated flame retardant	proprietary	7	1.2525	
				Aluminum hydroxide	24623-77-6	3	0.5368	
				Carbon black	1333-86-4	0.3	0.0538	
6	Silicone Rubber ²	WR7155-YS	0.09	Vinyl polysiloxane	68083-19-2	50	3.1825	6.365
				Silicon dioxide	14808-60-7	42.5	2.7051	
				Carbon black	1333-86-4	7.5	0.4774	
7	Solder bar	Sn/Ag/Cu	0.0216	Tin	7440-31-5	96.5	1.4745	1.528
				Silver	7440-22-4	3.0	0.0458	
				Copper	7440-50-8	0.5	0.0076	
		Total weight	1.414					

This Document was updated on: 2021-12-2

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.
2. Silicone rubber – D4, D5, D6 content are all <0.1% per supplier