


MATERIAL DECLARATION SHEET



Material Number	CRT0402			
Product Line	CRT Series			
Compliance Date	2024/8/13			
RoHS Compliant	YES	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	Substrate	Ceramics	0.5125	Aluminum oxide	1344-28-1	96	91.11	94.91
				Silicon dioxide	14808-60-7	3	2.85	
				Magnesium oxide	1309-48-4	1	0.95	
2	Backside Electrode	Conductor	0.0063	Silver	7440-22-4	84.6	0.98	1.16
				Copper oxide	1317-38-0	15.4	0.18	
3	Upside Electrode	Conductor	0.0061	Silver	7440-22-4	84.6	0.95	1.13
				Copper oxide	1317-38-0	15.4	0.18	
4	Overcoat 1	Epoxy Resin	0.00496	Epoxy Resins	63148-69-6	50	0.47	0.92
				Silicon dioxide	14808-60-7	40	0.36	
				Additives	68957-04-0	10	0.09	
5	Overcoat 2	Epoxy Resin	0.00054	Resins	63148-69-6	51.5	0.046	0.10
				Carbon Black	1333-86-4	4.4	0.003	
				Silicon dioxide	60676-86-0	29.4	0.017	
				Diethylene glycolmonobutyl ether	112-34-5	14.7	0.034	
6	Nickel Plating	Nickel	0.00145	Nickel	7440-02-0	100	0.27	0.27
7	Tin Plating	Tin	0.0034	Tin	7440-31-5	100	0.63	0.63
8	Edge Electrode	NiCr	0.00044	Nickel	7440-02-0	56	0.045	0.08
				Chromium	7440-47-3	44	0.035	
9	Resistance Layer	NiCr	0.00432	Nickel	7440-02-0	56	0.45	0.80
				Chromium	7440-47-3	44	0.35	
		Total weight	0.54000					

This Document was updated on: 2024/08/13

Important remarks:

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