


# MATERIAL DECLARATION SHEET



Material Number	CRT1206			
Product Line	CRT Series			
Compliance Date	2024/8/14			
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	Ceramic	8.53	Aluminum oxide	1344-28-1	96	91.03	94.55
				Silicon dioxide	14808-60-7	3	2.57	
				Magnesium oxide	1309-48-4	1	0.95	
2	Backside Electrode	Conductor	0.1029	Silver	7440-22-4	85	0.97	1.14
				Copper oxide	1317-38-0	15	0.17	
3	Upside Electrode	Conductor	0.1029	Silver	7440-22-4	85	0.97	1.14
				Copper oxide	1317-38-0	15	0.17	
4	Overcoat 1	Epoxy Resin	0.0722	Resins	63148-69-6	50	0.400	0.80
				Silicon dioxide	14808-60-7	40	0.320	
				Additives	68957-04-0	10	0.080	
5	Overcoat 2	Epoxy Resin	0.0108	Resins	63148-69-6	51.5	0.038	0.12
				Carbon Black	1333-86-4	4.4	0.006	
				Silicon dioxide	60676-86-0	29.4	0.03	
				Diethylene glycolmonobutyl ether	112-34-5	14.7	0.046	
6	Edge Electrode	NiCr	0.0073	Nickel	7440-02-0	56	0.045	0.08
				Chromium	7440-47-3	44	0.035	
7	Resistance Layer	NiCr	0.073	Nickel	7440-02-0	56	0.45	0.81
				Chromium	7440-47-3	44	0.36	
8	Marking	Ink	0.0433	Bisphenol A type epoxy resin	25068-38-6	80	0.38	0.48
				Titanium dioxide	13463-67-7	20	0.10	
9	Nickel Plating	Nickel	0.024	Nickel	7440-02-0	100	0.27	0.27
10	Tin Plating	Tin	0.055	Tin	7440-31-5	100	0.61	0.61
Total weight			9.0214					

**This Document was updated on:** 2024/08/14

**Important remarks:**

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