


# MATERIAL DECLARATION SHEET



Material Number	CRT0805			
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	Ceramics	4.44	Aluminum oxide	1344-28-1	96	90.50	94.28
				Silicon dioxide	14808-60-7	3	2.83	
				Magnesium oxide	1309-48-4	1	0.95	
2	Backside Electrode	Conductor	0.0538	Silver	7440-22-4	85	0.97	1.15
				Copper oxide	1317-38-0	15	0.18	
3	Upside Electrode	Conductor	0.0538	Silver	7440-22-4	85	0.97	1.15
				Copper oxide	1317-38-0	15	0.18	
4	Overcoat 1	Epoxy Resin	0.0433	Resins	63148-69-6	50	0.45	0.92
				Silicon dioxide	14808-60-7	40	0.389	
				Additives	68957-04-0	10	0.081	
5	Overcoat 2	Epoxy Resin	0.0042	Resins	63148-69-6	51.5	0.037	0.09
				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	0.033	
6	Edge Electrode	NiCr	0.00476	Nickel	7440-02-0	56	0.06	0.1
				Chromium	7440-47-3	44	0.04	
7	Resistance Layer	NiCr	0.04760	Nickel	7440-02-0	56	0.57	1.0
				Chromium	7440-47-3	44	0.43	
8	Marking	Ink	0.01958	Bisphenol A type epoxy resin	25068-38-6	80	0.40	0.41
				Titanium dioxide	13463-67-7	20	0.01	
9	Nickel Plating	Nickel	0.01272	Nickel	7440-02-0	100	0.27	0.27
10	Tin Plating	Tin	0.02982	Tin	7440-31-5	100	0.63	0.63
			<b>Total weight</b>	<b>4.70958</b>				

**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.