


# MATERIAL DECLARATION SHEET



Material Number	CRT1206			
Product Line	CRT Series			
Compliance Date	11-10-2006			
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	91.63	94.55
				Silicon dioxide	14808-60-7	3	2.86	
				Magnesium oxide	1309-48-4	1	0.96	
2	Backside Electrode	Conductor	0.103	Silver	7440-22-4	85	0.97	1.14
				Copper oxide	1317-38-0	15	0.17	
3	Upside Electrode	Conductor	0.103	Silver	7440-22-4	85	0.97	1.14
				Copper oxide	1317-38-0	15	0.17	
4	Overcoat	Epoxy Resin	0.0822	Resins	Trade secret	51.5	0.47	0.91
				Carbon Black	1333-86-4	4.4	0.04	
				Silicon dioxide	60676-86-0	29.4	0.27	
				Talc	14807-96-6	14.7	0.13	
5	Edge Electrode	NiCr	0.0073	Nickel	7440-02-0	56	0.45	0.08
				Chromium	7440-47-3	44	0.36	
6	Resistor Layer	NiCr	0.073	Nickel	7440-02-0	56	0.45	0.81
				Chromium	7440-47-3	44	0.36	
7	Marking	Ink	0.0435	Synthetic resin	Trade Secret	80	0.38	0.48
				Titanium dioxide	13463-67-7	20	0.10	
8	Nickel Plating	Nickel	0.024	Nickel	7440-02-0	100	0.27	0.27
9	Tin Plating	Tin	0.0554	Tin	7440-31-5	100	0.62	0.61
			Total weight	9.0214				

This Document was updated on: 2012/06/11

**Important remarks:**

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