


# MATERIAL DECLARATION SHEET



Material Number	CRT0603			
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	Ceramics	1.73378	Aluminum oxide	1344-28-1	96	90.95	94.74
				Silicon dioxide	14808-60-7	3	2.84	
				Magnesium oxide	1309-48-4	1	0.95	
2	Backside Electrode	Conductor	0.021	Silver	7440-22-4	85	0.98	1.15
				Copper oxide	1317-38-0	15	0.17	
3	Upside Electrode	Conductor	0.021	Silver	7440-22-4	85	0.98	1.15
				Copper oxide	1317-38-0	15	0.17	
4	Overcoat	Epoxy Resin	0.0154	Resins	Trade secret	51.5	0.43	0.84
				Carbon Black	1333-86-4	4.4	0.04	
				Silicon dioxide	60676-86-0	29.4	0.25	
				Talc	14807-96-6	14.7	0.12	
5	Edge Electrode	NiCr	0.00129	Nickel	7440-02-0	56	0.04	0.07
				Chromium	7440-47-3	44	0.03	
6	Resistor Layer	NiCr	0.01293	Chromium	7440-47-3	44	0.31	0.71
				Nickel	7440-02-0	56	0.40	
7	Marking	Ink	0.01	Synthetic resin	Trade Secret	80	0.44	0.55
				Titanium dioxide	13463-67-7	20	0.11	
8	Nickel Plating	Nickel	0.00515	Nickel	7440-02-0	100	0.28	0.28
9	Tin Plating	Tin	0.00945	Tin	7440-31-5	100	0.51	0.51
			Total weight			1.83		

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.