

MATERIAL DECLARATION SHEET



Material Number	CRT 1206-ST			
Product Line	CRT-ST Series			
Compliance Date	2017/5/25			
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	8.61	Aluminum oxide	1344-28-1	96	91.6252	95.4429
				Silicon dioxide	14808-60-7	3	2.8633	
				Magnesium oxide	1309-48-4	1	0.9544	
2	Backside Electrode	Conductor	0.103	Silver	7440-22-4	85	0.9705	1.1418
				Copper oxide	1317-38-0	15	0.1713	
3	Upside Electrode	Conductor	0.103	Silver	7440-22-4	85	0.9705	1.1418
				Copper oxide	1317-38-0	15	0.1713	
4	Overcoat	Epoxy Resin	0.082	Resins	Trade secret	40	0.3682	0.9112
				Carbon Black	1333-86-4	3.4	0.0313	
				Silicon dioxide	60676-86-0	22.6	0.2080	
				Talc	14807-96-6	11.4	0.1049	
5	Marking	Ink	0.043	Synthetic resin	9004-57-3	80	0.3858	0.4822
				Pigment	13463-67-7	20	0.0964	
6	Nickel Plating	Nickel	0.024	Nickel	7440-02-0	100	0.2660	0.2660
7	Tin Plating	Tin	0.055	Tin	7440-31-5	100	0.6141	0.6141
8	Edge Electrode	Nickel-Chromium	Proprietary	Nickel	7440-02-0	Proprietary	Proprietary	Proprietary
				Chromium	7440-47-3			
9	Resistor Layer	Nickel-Chromium	Proprietary	Nickel	7440-02-0	Proprietary	Proprietary	Proprietary
				Chromium	7440-47-3			
Total weight			9.02					

This Document was updated on: 2017/5/25

Important remarks: It is the responsibility of the user to verify they are accessing the latest version.