


MATERIAL DECLARATION SHEET



Material Number	CG1206MLC Series			
Product Line	ESD Protection Products			
Compliance Date	2008/1/1			
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	Ceramic	Substrate	7.6920	Aluminum oxide	1344-28-1	100	85.60	85.6
2		Internal Electrode	0.1887	Platinum	7440-06-4	87.5	2.10%	2.4
			0.0180	Barium	7440-39-3	8.33	0.20%	
			0.0090	Barium oxide	1304-28-5	4.17	0.10%	
5		body Paste	0.2696	Zinc oxide	1314-13-2	74.81	3.00%	4.01
			0.0332	Bismuth oxide	1304-76-3	9.22	0.37%	
			0.0117	Cobalt oxide	1308-06-1	3.24	0.13%	
			0.0099	Manganese oxide	1317-34-6	2.74	0.11%	
			0.0225	Silicon dioxide (Glass)	7631-86-9	6.24	0.25%	
			0.0135	Sodium oxide (Glass)	1313-59-3	3.75	0.15%	
		Overcoat	0.1213	Resin (Polymer)	25068-38-6	52.95	1.35%	2.55
	0.1078		Silicon dioxide (Polymer)	7631-86-9	47.05	1.20%		
	Terminations	Terminations	0.2246	Silver	7440-22-4	100	2.50%	2.5

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6	External electrode	External electrode-Ni	0.2246	Nickel	7440-02-0	100	2.5	2.94
		External electrode-Sn	0.0396	Tin	7440-31-5	100	0.44	
		Total weight	8.9860					

This Document was updated on: **2014/2/13**

Important remarks:

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