

MATERIAL DECLARATION SHEET



Material Number	CG0201MLA Series			
Product Line	Varistor			
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 body	Main body	0.1921	ZnO	1314-13-2	100	83.56	83.56
2		Sintering Flux in Metal Oxide Layer	0.0014	Non-Lead Glass	65997-17-3	100	0.60	0.60
3		Internal Electrode	0.0175	Silver	7440-22-4	70	5.32	7.60
4				Palladium	7440-05-3	30	2.28	
4		Overcoat	0.0007	Epoxy	Trade secret	100	0.27	0.27
5		Others additives in Metal Oxide Layer	0.0104	Bismuth trioxide	1304-76-3	46.55	2.12	4.54
				Manganese oxide	1317-34-6	6.68	0.30	
				Nickel oxide	1313-99-1	20.05	0.91	
				Cobalt oxide	1308-06-1	8.91	0.40	
				Antimony trioxide	1309-64-4	6.68	0.30	
6	Terminations	Terminations	0.0058	Silver	7440-22-4	100	2.53	2.53
7	External electrode	External electrode	0.0009	Nickel	7440-02-0	100	0.36	0.36
			0.0012	Tin	7440-31-5	100	0.54	0.54
Total weight			0.23					

This Document was updated on: 2014/6/17

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