

# MATERIAL DECLARATION SHEET



Material #	<b>CG0603 Series</b>	
Product Line	ESD Protection	
Date	30/04/2008	
RoHS Compliant	Yes	

## COMPONENT DETAILS

No.	Construction element	Material group	Material weight [g]	Materials	CAS if applicable	Average mass [%]	Sum [%]	Traces
1	Ceramic Body	Substrate (including glass layer)	0.002046800	Al <sub>2</sub> O <sub>3</sub>	1344-28-1	86.0	94.56	Pb
		Internal Electrode	0.000057120	Pt	7440-05-3	2.40		
		Paste	0.000073780	ZnO powder	01314-13-2	3.10		
		Overcoat	0.000060690	Polymer(Epoxy)		2.55		
		Others	0.000012138	Other		0.51		
2	Terminations	Terminations	0.000059500	Ag	7440-22-4	2.50	5.00	
		Terminations	0.000059500	Ni	7440-02-0	2.50		
3	External Electrode	External electrode	0.000009520	Sn	7440-31-5	0.44	0.44	
		Total weight	0.002380000					

Standard Part Number Example: CG0603MLC-05E

This ChipGuard ESD Protector series is RoHS compliant. Glass layer in ceramic body contains Pb which is RoHS exempt.

Note: Avg. mass and sum data is a % of the component weight.

It is the responsibility of the user to ensure that the latest revision is being accessed on the website.