

# MATERIAL DECLARATION SHEET



Material Number	CG0603MLC-xxLE Series			
Product Line	ESD Protection			
Compliance Date	2007/ 9/ 5			
RoHS Compliant	Yes	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material\Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Ceramic Substrate	Ceramic	0.00166171	Al2O3	1344-28-1	96%	0.00120008	72.22%
				SiO2	14808-82-7	3%	0.00003750	2.26%
				MgO	1309-48-4	1%	0.00042413	0.75%
2	Inner Conductor	Metal	0.000009227	Ti	13463-67-7	13.5%	0.000000005	0.06%
				W	7440-33-7	1.5%	0.000000001	0.01%
				Cu	1317-38-0	85%	0.000009221	0.35%
3	ESD Suppressor Element	Metal	0.000008077	Cu	1317-38-0	100%	0.000008077	0.36%
4	Over Coat	Resin	0.00010463	Epoxy	25068-38-6	100%	0.000104630	4.35%
5	End Terminal	Metal	0.000001566	Ni	7440-02-0	80%	0.000000001	0.06%
				Cr	7440-47-3	20%	0.000001565	0.01%
6	Ni Plating	Metal	0.000232958	Ni	7440-02-0	100%	0.000232958	10.35%
7	Sn Plating	Metal	0.000207832	Sn	7440-31-5	100%	0.000207832	9.22%
			Total weight				0.002226	