

MATERIAL DECLARATION SHEET



Material Number	CG0603MLU Series			
Product Line	MAX Guard ESD Suppressor			
Compliance Date	2011/ 04/ 06			
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	0.0016746198	Al2O3	1344-28-1	96%	0.001607635008	72.22%
				SiO2	14808-82-7	3%	0.000050238594	2.26%
				MgO	1309-48-4	1%	0.000016746198	0.75%
2	Inner Conductor	Metal	0.0000091266	Ti	13463-67-7	13.5%	0.000001232091	0.06%
				W	7440-33-7	1.5%	0.000000136899	0.01%
				Cu	1317-38-0	85%	0.00000775761	0.35%
3	ESD Suppressor Element	Metal	0.0000080136	Cu	1317-38-0	100%	0.0000080136	0.36%
4	Over Coat	Epoxy	0.000096831	Epoxy	29690-82-2	100%	0.000096831	4.35%
5	End Terminal	Metal	0.0000015582	Ni	7440-02-0	80%	0.00000124656	0.06%
				Cr	7440-47-3	20%	0.00000031164	0.01%
6	Ni Plating	Metal	0.000230391	Ni	7440-02-0	100%	0.000230391	10.35%
7	Sn Plating	Metal	0.0002054598	Sn	7440-31-5	100%	0.0002054598	9.23%
		Total Weight	0.002226					