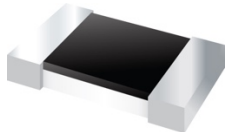


MATERIAL DECLARATION SHEET



Material Number	CG0201MLU Series			
Product Line	MAX Guard ESD Suppressor			
Compliance Date	2023/07/06			
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	Ceramic	0.1009	Aluminum Oxide	1344-28-1	100.00%	53.13%	90.63%
		Paste	0.0016	Epoxy Resin	186297-62-7	100.00%	0.84%	
		Dielectric Interlayer	0.0062	Silicon Dioxide	7631-86-9	14.34%	3.26%	
			0.037032	Acrylic resin	9065-11-6	85.66%	19.50%	
		Thin Film Structure	0.011	Copper sulfate	7758-99-8	41.67%	5.79%	
0.0154	Epoxy Resin		25085-99-8	58.33%	8.11%			
2	Overcoat	Epoxy	0.00213	Barium Sulfate	7727-43-7	36.80%	1.12%	3.05%
			0.00213	Talc	14807-96-6	36.80%	1.12%	
			0.00153	Silica	60676-86-0	26.40%	0.81%	
3	External Electrode	Metal	0.0067	Silver Atom	7440-22-4	56.00%	3.53%	6.32%
			0.0029	Nickel	7440-02-0	24.00%	1.53%	
			0.0024	Tin	7440-31-5	20.00%	1.26%	
		Total weight	0.1899					

This Document was updated on: 2023/07/06

Important remarks:

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