


MATERIAL DECLARATION SHEET



Material Number	SF-1206S-M			
Product Line	Lead Free Multilayer Solid Matrix Chip Fuse			
Compliance Date	08/30/2017			
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	Glass Ceramic	13.0372	Boron	7440-42-8	7.39%	6.2594%	84.70%
				Carbon	7440-44-0	2.11%	1.7874%	
				Aluminum	7429-90-5	18.65%	15.7971%	
				Silicon	7440-21-3	15.24%	12.9092%	
				Potassium	7440-09-7	0.53%	0.4490%	
				Oxygen	7782-44-7	56.08%	47.5025%	
2	Termination	Silver with Glass	1.5147	Silver	7440-22-4	92.25%	9.0784%	9.84%
				Oxygen	7782-44-7	2.23%	0.2193%	
				Zinc	7440-66-6	1.64%	0.1617%	
				Silicon	7440-21-3	0.10%	0.0095%	
				Bismuth	7440-69-9	3.78%	0.3720%	
3	Fuse Link	Silver	0.0724	Silver	7440-22-4	100%	0.4704%	0.47%
4	Plating	Nickel	0.6380	Nickel	7440-02-0	100.00%	1.8601%	4.14%
		Tin		Tin	7440-31-5	100.00%	2.2825%	
5	Black Mark	Composite	0.0088	Oxygen	7782-44-7	53.63%	0.0336%	0.06%
				Boron	7440-42-8	8.96%	0.0057%	
				Carbon	7440-44-0	2.64%	0.0017%	
				Aluminum	7429-90-5	10.46%	0.0065%	
				Silicon	7440-21-3	15.10%	0.0095%	
				Manganese	7439-96-5	0.84%	0.0005%	
				Cobalt	7440-48-4	7.20%	0.0045%	

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				Zirconium	7440-67-7	0.96%	0.0006%	
				Potassium	7440-09-7	0.21%	0.0001%	
6	Masking Layer	Glass Ceramic	0.1199	Boron	7440-42-8	9.83%	0.0766%	0.78%
				Carbon	7440-44-0	1.81%	0.0141%	
				Aluminum	7429-90-5	16.85%	0.1312%	
				Silicon	7440-21-3	15.58%	0.1214%	
				Potassium	7440-09-7	0.53%	0.0041%	
				Oxygen	7782-44-7	55.40%	0.4315%	
				Total weight	15.3918			

This Document was updated on: 8-30-17

Important remarks:

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