

MATERIAL DECLARATION SHEET



Material Number	SF-1206S-M			
Product Line	Multilayer Ceramic 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	100.00	0.4704	0.47
4	Plating	Nickel	0.2867	Nickel	7440-02-0	100.00	1.8601	4.14
		Tin	0.3513	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: 10-26-23

Important remarks:

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