


MATERIAL DECLARATION SHEET



Material Number	SF-1206HV-M			
Product Line	Multilayer High Current and High Voltage 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	11.5212	Boron	7440-42-8	7.39	6.0099	81.324
				Carbon	7440-44-0	2.11	1.7159	
				Aluminum	7429-90-5	18.65	15.1669	
				Silicon	7440-21-3	15.24	12.3938	
				Potassium	7440-09-7	0.53	0.4310	
				Oxygen	7782-44-7	56.08	45.6066	
2	Termination	Silver with Glass	1.5147	Silver	7440-22-4	92.25	9.8630	10.691
				Oxygen	7782-44-7	2.23	0.2383	
				Zinc	7440-66-6	1.64	0.1757	
				Silicon	7440-21-3	0.10	0.0104	
				Bismuth	7440-69-9	3.78	0.4041	
3	Fuse Link	Silver	0.4054	Silver	7440-22-4	100	2.8619	2.862
4	Plating	Nickel	0.2863	Nickel	7440-02-0	100.00	2.0210	4.501
		Tin	0.3513	Tin	7440-31-5	100.00	2.4797	
5	Blue Mark	Composite	0.0019	Oxygen	7782-44-7	55.15	0.0073	0.013
				Sodium	7440-23-5	1.16	0.0002	
				Aluminum	7429-90-5	10.43	0.0014	
				Silicon	7440-21-3	22.57	0.0030	
				Potassium	7440-09-7	1.42	0.0002	
				Cobalt	7440-48-4	5.91	0.0008	

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6	Masking Layer	Glass Ceramic	0.0862	Zirconium	7440-67-7	3.36	0.0004	0.609
				Boron	7440-42-8	9.83	0.0598	
				Carbon	7440-44-0	1.81	0.0110	
				Aluminum	7429-90-5	16.85	0.1025	
				Silicon	7440-21-3	15.58	0.0948	
				Potassium	7440-09-7	0.53	0.0032	
				Oxygen	7782-44-7	55.40	0.3372	
				Total weight	14.167			

This Document was updated on: 10-26-2023

Important remarks:

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