


MATERIAL DECLARATION SHEET



Material Number	SF-1206HI-M			
Product Line	Multilayer High Inrush Current 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	6.1886	83.742
				Carbon	7440-44-0	2.11	1.7670	
				Aluminum	7429-90-5	18.65	15.6179	
				Silicon	7440-21-3	15.24	12.7623	
				Potassium	7440-09-7	0.53	0.4438	
				Oxygen	7782-44-7	56.08	46.9625	
2	Termination	Silver with Glass	1.4333	Silver	7440-22-4	92.25	9.6482	10.418
				Oxygen	7782-44-7	2.23	0.2214	
				Zinc	7440-66-6	1.64	0.1633	
				Silicon	7440-21-3	0.10	0.0096	
				Bismuth	7440-69-9	3.78	0.3756	
3	Fuse Link	Silver	0.0941	Silver	7440-22-4	100.00	0.6841	0.684
4	Plating	Nickel	0.2720	Nickel	7440-02-0	100.00	1.9770	4.403
		Tin	0.3337	Tin	7440-31-5	100.00	2.4257	
5	Green Mark	Composite	0.0077	Oxygen	7782-44-7	56.09	0.0315	0.056
				Aluminum	7429-90-5	18.35	0.0103	
				Silicon	7440-21-3	22.28	0.0125	
				Potassium	7440-09-7	0.92	0.0005	
				Chromium III	7440-47-3	2.36	0.0013	
				Boron	7440-42-8	9.83	0.0685	

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6	Masking Layer	Glass Ceramic	0.0959	Carbon	7440-44-0	1.81	0.0126	0.697
				Aluminum	7429-90-5	16.85	0.1174	
				Silicon	7440-21-3	15.58	0.1086	
				Potassium	7440-09-7	0.53	0.0037	
				Oxygen	7782-44-7	55.40	0.3861	
Total weight			13.7579					

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.