


MATERIAL DECLARATION SHEET



Material Number	SF-0603HI-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	1.586	Boron	7440-42-8	7.39	5.3440	72.314%
				Carbon	7440-44-0	2.11	1.5258	
				Aluminum	7429-90-5	18.65	13.4866	
				Silicon	7440-21-3	15.24	11.0206	
				Potassium	7440-09-7	0.53	0.3833	
				Oxygen	7782-44-7	56.08	40.5537	
2	Termination	Silver with Glass	0.3838	Silver	7440-22-4	92.25	16.1437	17.500%
				Oxygen	7782-44-7	2.23	0.3903	
				Zinc	7440-66-6	1.64	0.2870	
				Silicon	7440-21-3	0.10	0.0175	
				Bismuth	7440-69-9	3.78	0.6615	
3	Fuse Link	Silver	0.0094	Silver	7440-22-4	100	0.4286	0.429%
4	Plating	Nickel	0.0943	Nickel	7440-02-0	100.00	4.2996	9.575%
		Tin	0.1157	Tin	7440-31-5	100.00	5.2753	
5	Green Mark	Composite	0.0023	Oxygen	7782-44-7	56.09	0.0584	0.105%
				Aluminum	7429-90-5	18.35	0.0191	
				Silicon	7440-21-3	22.28	0.0231	
				Potassium	7440-09-7	0.92	0.0010	
				Chromium III	7440-47-3	2.36	0.0024	

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6	Masking Layer	Glass Ceramic	0.0017	Boron	7440-42-8	9.83	0.0077	0.078%
				Carbon	7440-44-0	1.81	0.0014	
				Aluminum	7429-90-5	16.85	0.0132	
				Silicon	7440-21-3	15.58	0.0122	
				Potassium	7440-09-7	0.53	0.0004	
				Oxygen	7782-44-7	55.40	0.0433	
				Total weight	2.1932			

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.