


# MATERIAL DECLARATION SHEET



Material Number	SF-1206HlxxxM			
Product Line	Lead Free 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%	0.6841%	0.684%
4	Plating	Nickel	0.6057	Nickel	7440-02-0	100.00%	1.9770%	4.403%
		Tin		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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				Carbon	7440-44-0	1.81%	0.0126%	
				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		<b>13.7579</b>			

**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.