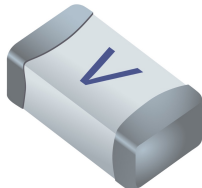


MATERIAL DECLARATION SHEET



Material Number	SF-1206HVxxxM			
Product Line	Lead Free 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	0.6376	Nickel	7440-02-0	100.00%	2.0210%	4.501%
		Tin		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%	

MATERIAL DECLARATION SHEET



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: 8-30-2017

Important remarks:

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