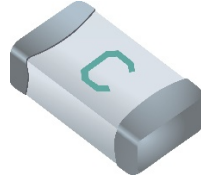


MATERIAL DECLARATION SHEET

BOURNS®

Material Number	SF-1206HIA-M			
Product Line	Automotive Grade High-Inrush SMD Fuses			
Compliance Date	2019/06/03			
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	10.5189	Boron	7440-42-8	7.39%	6.1949%	83.8293%
				Carbon	7782-42-5	2.11%	1.7688%	
				Aluminum	7429-90-5	18.65%	15.6341%	
				Silicon	7440-21-3	15.24%	12.7754%	
				Potassium	7440-09-7	0.53%	0.4446%	
				Oxygen	7782-44-7	56.08%	47.0115%	
2	Termination	Silver with Glass	1.2383	Silver	7440-22-4	92.25%	9.1399%	9.8693%
				Oxygen	7782-44-7	2.23%	0.2098%	
				Zinc	7440-66-6	1.64%	0.1547%	
				Silicon	7440-21-3	0.10%	0.0091%	
				Bismuth	7440-69-9	3.78%	0.3558%	
3	Fuse Link	Silver	0.0941	Silver	7440-22-4	100%	0.7499%	0.7499%
4	Plating	Nickel	0.5930	Nickel	7440-02-0	100%	2.1223%	4.7260%
		Tin		Tin	7440-31-5	100%	2.6037%	
5	Green Mark	Composite	0.0077	Oxygen	7782-44-7	56.09%	0.0345%	0.0616%
				Aluminum	7429-90-5	18.35%	0.0113%	
				Silicon	7440-21-3	22.28%	0.0137%	

MATERIAL DECLARATION SHEET

BOURNS®

				Potassium	7440-09-7	0.92%	0.0006%	
				Chromium III	7440-47-3	2.36%	0.0015%	
6	Masking Layer	Glass Ceramic	0.0959	Boron	7440-42-8	9.83%	0.0751%	0.7639%
				Carbon	7782-42-5	1.81%	0.0138%	
				Aluminum	7429-90-5	16.85%	0.1287%	
				Silicon	7440-21-3	15.58%	0.1190%	
				Potassium	7440-09-7	0.53%	0.0040%	
				Oxygen	7782-44-7	55.40%	0.4233%	
		Total Weight	12.5479					

This Document was updated on: 2019/06/03

Important remarks: It is the responsibility of the user to verify they are accessing the latest version.