


# MATERIAL DECLARATION SHEET

**BOURNS®**

Material Number	SF-1206F-M			
Product Line	Fast Acting SMD Fuses			
Compliance Date	2020/07/08			
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%	6.1915%	83.7839%
				Carbon (Graphite)	7782-42-5	2.11%	1.7679%	
				Aluminum	7429-90-5	18.65%	15.6256%	
				Silicon	7440-21-3	15.24%	12.7684%	
				Potassium	7440-09-7	0.53%	0.4443%	
				Oxygen	7782-44-7	56.08%	46.9859%	
2	Fuse Link	Silver	0.0941	Silver	7440-22-4	100%	0.7495%	0.7495%
3	Termination	Silver with Glass	1.2383	Silver	7440-22-4	92.25%	9.1349%	9.8632%
				Oxygen	7782-44-7	2.23%	0.2097%	
				Zinc	7440-66-6	1.64%	0.1546%	
				Silicon	7440-21-3	0.10%	0.0091%	
				Bismuth	7440-69-9	3.78%	0.3556%	
4	Plating	Nickel	0.6057	Nickel	7440-02-0	45%	2.1665%	4.8244%
		Tin		Tin	7440-31-5	55%	2.6579%	

# MATERIAL DECLARATION SHEET



5	Blue Mark	Composite	0.0019	Oxygen	7782-44-7	55.15%	0.0082%	0.0151%
				Sodium	7440-23-5	1.16%	0.0002%	
				Aluminum	7429-90-5	10.43%	0.0016%	
				Silicon	7440-21-3	22.57%	0.0034%	
				Potassium	7440-09-7	1.42%	0.0002%	
				Cobalt	7440-48-4	5.91%	0.0009%	
				Zirconium	7440-67-7	3.36%	0.0005%	
6	Masking Layer	Glass Ceramic	0.0959	Boron	7440-42-8	9.83%	0.0751%	0.76398%
				Carbon (Graphite)	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%	0.4231%	
		Total Weight	12.5548					

**This Document was updated on:** 2020/07/08

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