


# 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	0.2720	Nickel	7440-02-0	100	2.1665	4.8244
		Tin	0.3337	Tin	7440-31-5	100	2.6579	

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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:** 2023/10/26

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