

# MATERIAL DECLARATION SHEET



Material Number	SF-0603SA-M			
Product Line	Automotive Grade Slow Blow SMD Fuses			
Compliance Date	2020/09/02			
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	1.5760	Aluminum	7429-90-5	23.82%	17.12%	71.86%
				Silicon	7440-21-3	16.33%	11.74%	
				Boron	7440-42-8	6.29%	4.52%	
				Oxygen	7782-44-7	53.56%	38.49%	
2	Fuse Link	Silver	0.0094	Silver	7440-22-4	100%	0.43%	0.43%
3	Arc-Suppression Layer	Glass Ceramic	0.0100	Aluminum	7429-90-5	17.47%	0.08%	0.46%
				Silicon	7440-21-3	21.47%	0.10%	
				Boron	7440-42-8	5.50%	0.03%	
				Oxygen	7782-44-7	2.60%	0.24%	
				Sodium	7440-23-5	52.97%	0.01%	
4	Termination	Silver with Glass	0.3838	Silver	7440-22-4	92.25%	16.14%	17.50%
				Oxygen	7782-44-7	2.23%	0.39%	
				Zinc	7440-66-6	1.64%	0.29%	
				Silicon	7440-21-3	0.10%	0.02%	
				Bismuth	7440-69-9	3.78%	0.66%	
5	Plating	Nickel	0.2100	Nickel	7440-02-0	100%	4.30%	9.57%
		Tin		Tin	7440-31-5	100%	5.28%	

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6	Cyan Mark	Composite	0.0023	Oxygen	7782-44-7	56.09%	0.06%	0.10%
				Aluminum	7429-90-5	18.35%	0.02%	
				Silicon	7440-21-3	22.28%	0.02%	
				Potassium	7440-09-7	0.92%	0.00%	
				Chromium III	7440-47-3	2.36%	0.00%	
7	Masking Layer	Glass Ceramic	0.0017	Boron	7440-42-8	9.83%	0.01%	0.08%
				Carbon	7782-42-5	1.81%	0.00%	
				Aluminum	7429-90-5	16.85%	0.01%	
				Silicon	7440-21-3	15.58%	0.01%	
				Potassium	7440-09-7	0.53%	0.00%	
				Oxygen	7782-44-7	55.40%	0.04%	
		Total Weight	2.1932					

**This Document was updated on:** 2020/09/02

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