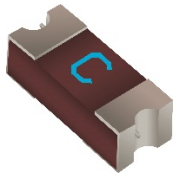
MATERIAL DECLARATION SHEET

BOURNS®

Material Number	SF-2410FPA100W-2 ~ SF-2410FPA200W-2		
Product Line	Automotive Grade Fast Acting Precision 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	Body	Epoxy Board	38.197	Carbon	7782-42-5	41.25%	30.26%	73.34%
				Oxygen	7782-44-7	36.15%	26.51%	
				Silicon	7440-21-3	18.23%	13.37%	
				Hydrogen	1333-74-0	3.75%	2.75%	
				Aluminum	7429-90-5	0.26%	0.19%	
				Calcium	7440-70-2	0.36%	0.26%	
2	Fuse Link	Copper Composite Wire	0.1778	Alloy	Trade Secret	68.03%	0.24%	0.34%
				Copper	7440-50-8	31.97%	0.10%	
3	Copper Layer (Termination)	Copper	11.1500	Copper	7440-50-8	100.00%	21.41%	21.41%
4	Nickel Layer (Termination)	Nickel	1.6320	Nickel	7440-02-0	100.00%	3.13%	3.13%
5	Tin Layer (Termination)	Tin	0.8160	Tin	7440-31-5	100.00%	1.57%	1.57%
6	Marking	Marking Ink	0.1050	Carbon	7782-42-5	34.25%	0.0691%	0.21%
				Oxygen	7782-44-7	29.89%	0.0603%	
				Barium	7440-39-3	18.54%	0.0374%	
				Hydrogen	1333-74-0	4.83%	0.0097%	
				Titanium	7440-32-6	4.63%	0.0093%	

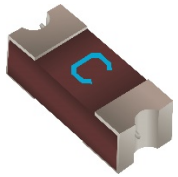
				Sulfur	7704-34-9	4.33%	0.0087%	
				Silicon	7440-21-3	2.74%	0.0055%	
				Magnesium	7439-95-4	0.54%	0.0054%	
				Nitrogen	7727-37-9	0.18%	0.0024%	
				Copper	7440-50-8	0.08%	0.0022%	
		Total Weight	52.0778					

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.

MATERIAL DECLARATION SHEET

BOURNS®

Material Number	SF-2410FPA250W-2 ~ SF-2410FPA1000W-2		
Product Line	Automotive Grade Fast Acting Precision 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	Body	Epoxy Board	38.228	Carbon	7782-42-5	41.25%	30.0671%	72.7473%
				Oxygen	7782-44-7	36.15%	26.2612%	
				Silicon	7440-21-3	18.23%	13.2448%	
				Hydrogen	1333-74-0	3.75%	2.7213%	
				Aluminum	7429-90-5	0.26%	0.1922%	
				Calcium	7440-70-2	0.36%	0.2607%	
2	Fuse Link	Copper Wire	0.6200	Copper	7440-50-8	100.00%	1.1799%	1.1799%
3	Copper Layer (Termination)	Copper	11.1500	Copper	7440-50-8	100.00%	21.2183%	21.2183%
4	Nickel Layer (Termination)	Nickel	1.6300	Nickel	7440-02-0	100.00%	3.1019%	3.1019%
5	Tin Layer (Termination)	Tin	0.8160	Tin	7440-31-5	100.00%	1.5526%	1.5526%
6	Marking	Marking Ink	0.105	Carbon	7782-42-5	34.25%	0.0685%	0.2%
				Oxygen	7782-44-7	29.89%	0.0598%	
				Barium	7440-39-3	18.54%	0.0371%	
				Hydrogen	1333-74-0	4.83%	0.0097%	
				Titanium	7440-32-6	4.63%	0.0094%	
				Sulfur	7704-34-9	4.33%	0.0087%	
				Silicon	7440-21-3	2.74%	0.0055%	

				Magnesium	7439-95-4	0.54%	0.0011%	
				Nitrogen	7727-37-9	0.18%	0.0004%	
				Copper	7440-50-8	0.08%	0.0002%	
		Total Weight	52.549					

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