


MATERIAL DECLARATION SHEET

BOURNS®

Material Number	MF-SM			
Product Line	Multifuse			
Compliance Date	2022/10/13			
RoHS Compliant	Yes	MSL	1	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Plaque	Carbon Black	0.008	Carbon	1333-86-4	100	2.01%	2.01%
2	Plaque	Foil	0.052	Copper	7440-50-8	95	12.28%	12.92%
				Nickel	7440-02-0	5	0.65%	
3	Plaque	Polymer	0.011	Polyethylene Homopolymer	9002-88-4	99.9	2.76%	2.76%
				Proprietary Additives	-	0.1	0.00%	
4	Lead frame	Terminal	0.286	Copper	7440-50-8	69.95	50.20%	71.77%
				Zinc	7440-66-6	28.96	20.78%	
				Tin	7440-31-5	1.0895	0.78%	
				Iron	7439-89-6	0.0005	0.00%	
5	Solder joint	Solder	0.042	Tin	7440-31-5	90	9.49%	10.54%
				Antimony	7440-50-8	10	1.05%	
		Total weight (grams)	0.399					

This Document was updated on Oct 13th, 2022

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.