


# MATERIAL DECLARATION



Material Number	MF-NSMF series	
Product Line	Multifuse® PPTC Resettable Fuses	
Compliance Date	Sep 10, 2020	
RoHS Compliant	Yes	

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	Polymer	0.0002099	Polyethylene Homopolymer	9002-88-4	99	2.321	2.345
				Proprietary Additives <sup>1</sup>	-	1	0.023	
2	Plaque	Carbon	0.0002366	Carbon black	1333-86-4	100	2.643	2.643
3	Plaque	Foil	0.0030619	Copper	7440-50-8	95	32.492	34.202
				Nickel	7440-02-0	5	1.710	
4	Prepreg	Epoxy	0.0012778	Epoxy	35948-25-5	68	9.706	14.273
				Glass fiber	65997-17-3	32	4.567	
5	PCB foil	Copper	0.0008505	Copper	7440-50-8	100	9.500	9.500
6	Copper plating	Copper	0.0032802	Copper	7440-50-8	100	36.640	36.640
7	Solder plating	Nickel under plate gold finish plate	0.0000355	Nickel	7440-02-0	98.5	0.391	0.397
				Gold	7440-57-5	1.5	0.006	
Total weight			<b>0.0089524</b>					

**This Document was updated on: Sep 10, 2020**

**Important remarks:**

1. Proprietary Additives materials contain no banned substances.
2. It is the responsibility of the user to verify they are accessing the latest version.