


MATERIAL DECLARATION SHEET



Material Number	MF-FSMF series	
Product Line	Multifuse® PPTC Resettable Fuses	
Compliance Date	Dec 16, 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	0.0000914	Polyethylene	9002-88-4	100.0	5.598	5.598
2	Plaque	Carbon	0.0001029	Carbon black	1333-86-4	100.0	6.302	6.302
3	Plaque	Foil	0.0009920	Copper	7440-50-8	95.0	57.720	60.758
				Nickel	7440-02-0	5.0	3.038	
4	Prepreg	Epoxy	0.0000045	Epoxy	35948-25-5	68.0	0.187	0.276
				Glass fiber	65997-17-3	32.0	0.088	
5	PCB foil	Copper	0.0001861	Copper	7440-50-8	100.0	11.398	11.398
6	Copper plating	Copper	0.0002214	Copper	7440-50-8	100.0	13.560	13.560
7	Solder plating	Nickel under plate gold finish plate	0.0000335	Nickel	7440-02-0	98.5	2.021	2.052
				Gold	7440-57-5	1.5	0.031	
8	Protection layer	Epoxy	0.0000009	Barium	7727-43-7	81.3	0.045	0.055
				Silica	14808-60-7	8.7	0.005	
				Titanium dioxide	1317-80-2	10.0	0.006	
Total weight			0.0016327					

This Document was updated on: Dec 16, 2020

Important remarks:

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