

MATERIAL DECLARATION SHEET

Material	MF-SMDF
Product Line	Multifuse
Revision Date	Dec. 06, 2023
Revision	C
RoHS Compliant	Yes
Halogen Free Compliant	Yes



No.	Breakdown of part (eg Lead, Ceramic body, coating, plating, additive)	Material/substance name (eg.Sn alloy, Cu Copper)	Material/ substance weight in grams (±0.1%)	CAS No. / Int. Identifier	Material /substance weight %	Sum(%)
1	Carbon	Carbon Black	0.0014939	1333-86-4	3.837%	3.837%
2	Copper Plating	Copper	0.0028159	7440-50-8	7.232%	7.232%
3	Foil	Copper	0.0186284	7440-50-8	47.843%	50.361%
		Nickel	0.0009805	7440-02-0	2.518%	
4	PCB Foil	Copper	0.0023674	7440-50-8	6.080%	6.080%
5	Polymer	Polyethylene Homopolymer	0.0012975	9002-88-4	3.332%	3.377%
		Proprietary Additives	0.0000175	-	0.045%	
6	Prepreg	Epoxy	0.0066892	35948-25-5	17.180%	28.632%
		Glass fiber	0.0044589	65997-17-3	11.452%	
7	Soldering plating	Nickel	0.0001851	7440-02-0	0.475%	0.481%
		Gold	0.0000022	7440-57-5	0.006%	
		Total Weight (%)				

Total weight (grams)	0.0389365	Total	100%	100%
----------------------	-----------	-------	------	------