


MATERIAL DECLARATION SHEET



Material Number	SF-3812TM-T			
Product Line	SinglFuse™ Telefuse™ Telecom Protectors			
Compliance Date	2018/10/02			
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	Fuse element wire	Copper Alloy	0.01347	Copper Alloy	7440-50-8	100%	5.41%	5.41%
2	Ceramic fiber	Aluminate Silicate	0.004	Aluminate Silicate	1327-36-2	100%	1.61%	1.61%
3	Cap	Copper	0.0522	Copper	7440-50-8	68%	20.96%	30.82%
		Zinc	0.0234	Zinc	7440-66-6	30.5%	9.4%	
		Nickel	0.0008	Nickel	7440-02-0	1%	0.31%	
		Gold	0.0004	Gold	7440-57-5	0.5%	0.15%	
4	Solder	Tin	0.002	Tin	7440-31-5	5%	0.88%	17.66%
		Lead	0.041	Lead	7439-92-1	93%	16.42%	
		Polymerized Rosin	0.0004	Polymerized Rosin	8050-09-7	1%	0.18%	
		hexadecanoic acid	0.0004	hexadecanoic acid	57-10-3	1%	0.18%	
5	Marking ink	Acrylic Resin	0.0003	Acrylic Resin	68901-05-3	23%	0.12%	0.5%
		Photoinitiator	0.00004	Photoinitiator	71868-10-5	3%	0.02%	
		Carbon Black	0.00003	Carbon Black	1333-86-4	2%	0.01%	
		Talc	0.0005	Talc	14807-96-6	35%	0.17%	
		Ethylene Glycol Methacrylate	0.0005	Ethylene Glycol Methacrylate	868-77-9	37%	0.18%	
6	Ceramic tube	Alumina	0.1096	Alumina	1344-28-1	100%	44%	44%
		Total Weight	0.24904					

This Document was updated on: 2018/10/02

Important remarks: It is the responsibility of the user to verify they are accessing the latest version.