


MATERIAL DECLARATION SHEET



Material Number	SF-3812F-T			
Product Line	Fast Acting SMD Fuses			
Compliance Date	2018/12/28			
RoHS Compliant	Yes	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	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	11	Copper	7440-50-8	100%	5.1349%	5.1349%
2	Cap	Copper	22.848	Copper	7440-50-8	68%	10.6657%	15.6848%
		Zinc	10.248	Zinc	7440-66-6	30.5%	4.7839%	
		Nickel	0.336	Nickel	7440-02-0	1%	0.1568%	
		Gold	0.168	Gold	7440-57-5	0.5%	0.0784%	
3	Solder	Tin	3	Tin	7440-31-5	5%	1.4003%	28.0085%
		Lead	55.62	Lead	7439-92-1	92.7%	25.964%	
		Polymerized Rosin	0.78	Polymerized Rosin	8050-09-7	1.3%	0.3641%	
		Hexadecanoic acid	0.6	Hexadecanoic acid	57-10-3	1%	0.2801%	
4	Marking ink	Acrylic Resin	0.0046	Acrylic Resin	68901-05-3	23%	0.0021%	0.0094%
		Photoinitiator	0.0006	Photoinitiator	71868-10-5	3%	0.0003%	
		Carbon Black	0.0004	Carbon Black	1333-86-4	2%	0.0002%	
		Talc	0.007	Talc	14807-96-6	35%	0.0033%	
		Ethylene Glycol Methacrylate	0.0074	Ethylene Glycol Methacrylate	868-77-9	37%	0.0035%	
5	Ceramic tube	Alumina	109.6	Alumina	1344-28-1	100%	51.1624%	51.1624%
		Total Weight	214.22					

This Document was updated on: 2018/12/28

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