


MATERIAL DECLARATION SHEET

BOURNS®

Material Number	SF-3812TL-T			
Product Line	Time Lag & Low Power SMD Fuses			
Compliance Date	2018/11/17			
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	15.82	Copper Alloy	7440-50-8	100%	6.82%	6.82%
2	Glass fiber	Fiberglass Continuous Filament	13	Fiberglass Continuous Filament	65997-17-3	100%	5.6%	5.6%
3	Cap	Copper	22.848	Copper	7440-50-8	68%	9.85%	14.48%
		Zinc	10.248	Zinc	7440-66-6	30.5%	4.42%	
		Nickel	0.336	Nickel	7440-02-0	1%	0.14%	
		Gold	0.168	Gold	7440-57-5	0.5%	0.07%	
4	Solder	Tin	3	Tin	7440-31-5	5%	1.29%	25.86%
		Lead	55.8	Lead	7439-92-1	93%	24.05%	
		Polymerized Rosin	0.6	Polymerized Rosin	8050-09-7	1%	0.26%	
		hexadecanoic acid	0.6	hexadecanoic acid	57-10-3	1%	0.26%	
5	Marking ink	Acrylic Resin	0.0046	Acrylic Resin	68901-05-3	23%	0.002%	0.009%
		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%	0.003%	
		Ethylene Glycol Methacrylate	0.0074	Ethylene Glycol Methacrylate	868-77-9	37%	0.003%	
6	Ceramic tube	Alumina	109.6	Alumina	1344-28-1	100%	47.23%	47.23%
		Total Weight	232.044					

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This Document was updated on: 2018/11/17

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