


# MATERIAL DECLARATION SHEET

# BOURNS®

Material Number	<b>MF-DC010</b>	
Product Line	<b>Multifuse® PPTC Resettable Fuses</b>	
Compliance Date	<b>2020/09/15</b>	
RoHS Compliant	<b>Yes</b>	

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	Lead frame	Lead frame	2.200	Copper	7440-50-8	65	58.5%	90.0%
				Zinc	7440-66-6	34.995	31.5%	
				Iron	7439-89-6	0.005	0.0%	
2	Solder	Solder	0.053	Tin	7440-31-5	96.5	2.1%	2.2%
				Silver	7440-22-4	3.5	0.1%	
3	Plaque	Copper Foil	0.103	Copper	7440-50-8	95	4.0%	4.2%
				Nickel	7440-02-0	5	0.2%	
4	Plaque	HDPE	0.044	Polyethylene	9002-88-4	99.9	1.8%	1.8%
				Proprietary additives	-	0.1	0.0%	
5	Plaque	Carbon	0.040	Carbon black	1333-86-4	100	1.7%	1.7%
6	Plaque	Additive-1	0.003	Magnesium Oxide	1309-48-4	100	0.1%	0.1%
7	Plaque	Additive-2	0.001	Antioxidant Agent	2082-79-3	100	0.0%	0.0%
		Total weight	2.443					

**This Document was updated on: Sept 15<sup>th</sup>, 2020**

### Important remarks:

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