

MATERIAL DECLARATION SHEET

BOURNS®

Material	MF-RHT			
Product Line	Multifuse			
Revision Date	September 12,2014			
RoHS Compliant	Yes	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material\Substances	CAS No. / Int. Identifier If applicable	Material Mass %	Material Mass % of total unit wt.	subpart mass of total wt.(%)
1	Epoxy coating powder	Epoxy	0.045992	Bisphenol A diglycidyl ether	1675-54-3	40.00%	5.71%	14.27%
				Bisphenol A epoxy resin	25085-99-8	20.00%	2.85%	
				Silica Crystalline	14464-46-1	23.00%	3.28%	
				Non-halogen Flame Retardant	Trade Secret	12.00%	1.71%	
				Iron Oxide Fume	51274-00-1	2.00%	0.29%	
				Titanium Dioxide	13463-67-7	3.00%	0.43%	
2	Solder	Solder	0.034389	Tin	7440-31-5	99.33%	10.60%	10.67%
				Copper	7440-50-8	0.67%	0.07%	
3	Wire	Copper wire with tin coating	0.171302	Copper	7440-50-8	99.49%	52.88%	53.16%
				Nickel	7440-02-0	0.11%	0.06%	
				Tin	7440-31-5	0.40%	0.21%	
4	Polymer	PVDF	0.011764	Polyvinylidene fluoride	24937-79-9	100.00%	3.65%	3.65%
5	Carbon black	Carbon black	0.007220	Carbon black	1333-86-4	100.00%	2.24%	2.24%
6	Foil	Copper Foil	0.051600	Copper	7440-50-8	95.00%	15.21%	16.01%
				Nickel	7440-02-0	5.00%	0.80%	
		Total weight	0.322267					

This Document updated on: September 12,2014

Important remarks:

1. it is responsibility of user to verifythey area accessing the latest version

