


MATERIAL DECLARATION SHEET



Material	MF-R Series			
Product Line	Multifuse			
Revision Date	12-Sep-14			
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	0.012456	Bisphenol A diglycidyl ether	1675-54-3	40.00%	4.41%	11.02%
				Bisphenol A epoxy resin	25085-99-8	20.00%	2.20%	
				Silica Crystalline	14464-46-1	23.00%	2.53%	
				Non-halogen Flame Retardant	Trade Secret	12.00%	1.32%	
				Iron Oxide Fume	51274-00-1	2.00%	0.22%	
				Titanium Dioxide	13463-67-7	3.00%	0.33%	
2	Solder	Solder	0.022584	Tin	7440-31-5	99.70%	19.91%	19.97%
				Copper	7440-50-8	0.30%	0.06%	
3	Wire	Copper wire with tin coating	0.046589	Copper	7440-50-8	99.50%	41.00%	41.20%
				Nickel	7440-02-0	0.10%	0.04%	
				Tin	7440-31-5	0.40%	0.16%	
4	Polymer	Polyethylene	0.012750	Polyethylene	9002-88-4	99.90%	11.27%	11.28%
				Proprietary additives	not to declare	0.10%	0.01%	
5	Carbon black	Carbon black	0.009618	Carbon black	1333-86-4	100.00%	8.51%	8.51%
6	Foil	Copper Foil	0.009067	Copper	7440-50-8	95.00%	7.62%	8.02%
				Nickel	7440-02-0	5.00%	0.40%	
			Total weight	0.113064				

This Document updated on: September 12, 2014

Important remarks:

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