

# MATERIAL DECLARATION SHEET



Model #	SF-0402F, SF-0402S	<b>PICTURE</b> 2. Construction 
Product Line	SinglFuse	
Date	2008/12/1	
RoHS Compliant	Yes	

No.	Construction Element(subpart)	Homogeneous Material	Homogeneous Material/Substances	CAS No. / Int. Identifier	Material / Substance weight %	Material/ substance weight in grams (±0.1%)	Subpart mass of total wt. (%)
1	Ceramic Substrate	Ceramic	Al2O3	1344-28-1	96%	0.00041096	76.36%
			SiO2	14808-60-7	3%	0.00001284	2.39%
			MgO	1309-48-4	1%	0.00000428	0.80%
2	Inner Conductor	Metal	Ti	13463-67-7	13.5%	0.00000049	0.09%
			W	7440-33-7	1.5%	0.00000005	0.01%
			Cu	1317-38-0	85.0%	0.00000307	0.57%
3	Isolation	Paste	Silicone	-	100.0%	0.00000479	0.89%
4	Fuse Element	Metal	Cu	1317-38-0	90.0%	0.00000325	0.60%
			Sn	7440-31-5	10.0%	0.00000036	0.07%
5	Over-Coating	Epoxy	Epoxy	29690-82-2	100.0%	0.00002260	4.20%
6	End Terminal	Metal	Ni	7440-02-0	80%	0.00000030	0.06%
			Cr	7440-47-3	20%	0.00000008	0.01%
7	Marking	Ink	Epoxy	25068-38-6	100%	0.00000081	0.15%
8	Plating	Metal	Cu	7440-50-8	100%	0.00003030	5.63%
			Ni	7440-02-0	100%	0.00002320	4.31%
9	Sn Plating	Metal	Sn	7440-31-5	100%	0.00002083	3.87%
<b>Total weight</b>						<b>0.000538</b>	<b>100%</b>