

# MATERIAL DECLARATION SHEET



Model #	SF-1206F, SF-1206S	<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	Al <sub>2</sub> O <sub>3</sub>	1344-28-1	96%	0.007477888	82.66%
			SiO <sub>2</sub>	14808-60-7	3%	0.000233684	2.58%
			MgO	1309-48-4	1%	0.000077895	0.86%
2	Inner Conductor	Metal	Ti	13463-67-7	13.5%	0.0000059846	0.07%
			W	7440-33-7	1.5%	0.0000006650	0.01%
			Cu	1317-38-0	85.0%	0.0000376808	0.42%
3	Isolation	Paste	Silicone	-	100.0%	0.0000579008	0.64%
4	Fuse Element	Metal	Cu	1317-38-0	90.0%	0.0000325692	0.36%
			Sn	7440-31-5	10.0%	0.0000036188	0.04%
5	Over-Coating	Epoxy	Epoxy	29690-82-2	100.0%	0.0002732194	3.02%
6	End Terminal	Metal	Ni	7440-02-0	80%	0.0000072376	0.08%
			Cr	7440-47-3	20%	0.000001809	0.02%
7	Marking	Ink	Epoxy	25068-38-6	100%	0.000011761	0.13%
8	Plating	Metal	Cu	7440-50-8	100%	0.0003673082	4.06%
			Ni	7440-02-0	100%	0.0002415549	2.67%
9	Sn Plating	Metal	Sn	7440-31-5	100%	0.000216223	2.39%
<b>Total weight</b>						<b>0.009047</b>	<b>100%</b>