

# MATERIAL DECLARATION SHEET



Model #	SF-0603S , SF-0603F	<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%	0.001595328	78.90%
			SiO2	14808-60-7	3%	0.000049854	2.47%
			MgO	1309-48-4	1%	0.000016618	0.82%
2	Inner Conductor	Metal	Ti	13463-67-7	13.5%	0.0000017469	0.09%
			W	7440-33-7	1.5%	0.0000001941	0.01%
			Cu	1317-38-0	85.0%	0.0000109991	0.54%
3	Isolation	Paste	Silicone	-	100.0%	0.0000167818	0.83%
4	Fuse Element	Metal	Cu	1317-38-0	90.0%	0.0000094625	0.47%
			Sn	7440-31-5	10.0%	0.0000010514	0.05%
5	Over-Coating	Epoxy	Epoxy	29690-82-2	100.0%	0.0000750125	3.71%
6	End Terminal	Metal	Ni	7440-02-0	80%	0.0000021028	0.10%
			Cr	7440-47-3	20%	0.000000526	0.03%
7	Marking	Ink	Epoxy	25068-38-6	100%	0.000003033	0.15%
8	Plating	Metal	Cu	7440-50-8	100%	0.0001063519	5.26%
			Ni	7440-02-0	100%	0.0000701599	3.47%
9	Sn Plating	Metal	Sn	7440-31-5	100%	0.0000626789	3.10%
<b>Total weight</b>						<b>0.0020219</b>	<b>100%</b>