

# MATERIAL DECLARATION SHEET



Material Number	SF-1206S-R			
Product Line	SMD Fuses			
Compliance Date	2023/07/13			
RoHS Compliant	Yes	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [mg]	Homogeneous Material Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Ceramic Substrate	Ceramic	7.756000	Aluminum oxide	1344-28-1	96%	53.75%	55.99%
				Silicon dioxide	14808-60-7	4%	2.24%	
2	Adhesive Layer	Epoxy	0.07866	Epoxy	25068-38-6	82%	0.47%	0.57%
				Trimethylolpropane triglycidyl ether	30499-70-8	18%	0.10%	
3	Fuse Element	Cu	1.861317	Copper	7440-50-8	100%	13.44%	13.44%
4	Over-Coating (Black)	Epoxy	0.378840	Epoxy	29690-82-2	100%	2.74%	2.74%
5	End Terminal	Ni-Cr Alloy	0.039587	Nickel	7440-02-0	80%	0.22%	0.29%
				Chromium	7440-47-3	20%	0.07%	
6	Plating Cu	Cu	2.435983	Copper	7440-50-8	100%	17.59%	17.59%
7	Plating Ni	Ni	0.649561	Nickel	7440-02-0	100%	4.69%	4.69%
8	Plating Sn	Sn	0.651602	Tin	7440-31-5	100%	4.70%	4.70%
			Total Weight	13.85155				

**This Document was updated on:** 2023/10/23

**Important remarks:** It is the responsibility of the user to verify they are accessing the latest version.