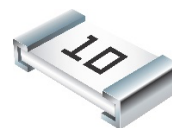


MATERIAL DECLARATION SHEET



Material Number	SF-1206HHA-R		
Product Line	Automotive Grade SMD Fuses		
Compliance Date	2023/04/07		
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	12.5789	Aluminum oxide	1344-28-1	96%	77.11%	80.33%
				Quartz	14808-60-7	4%	3.21%	
2	Adhesive Layer	Epoxy	0.1100	Epoxy	25068-38-6	70%	0.48%	0.70%
				Trimethylolpropane triglycidyl ether	30499-70-8	15%	0.11%	
				Diuron	330-54-1	15%	0.11%	
3	Fuse Element	Copper	1.6598	Copper	7440-50-8	100%	10.60%	10.60%
4	Over-Coating (Black)	Epoxy	0.4280	Epoxy	29690-82-2	100%	2.73%	2.73%
5	End Terminal	Nickel Chromium	0.0134	Nickel	7440-02-0	80%	0.07%	0.09%
				Chromium	7440-47-3	20%	0.02%	
6	Cu Plating	Copper	0.6102	Copper	7440-50-8	100%	3.90%	3.90%
7	Ni Plating	Nickel	0.1439	Nickel	7440-02-0	100%	0.92%	0.92%
8	Sn Plating	Tin	0.1155	Tin	7440-31-5	100%	0.74%	0.74%
			Total Weight	15.6597				

This Document was updated on: 2023/04/07

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