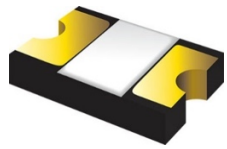


MATERIAL DECLARATION



Material Number	MF-ASML/X series	
Product Line	Multifuse® PPTC Resettable Fuses	
Compliance Date	October 30, 2017	
RoHS Compliant	Yes	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Plaque	polyethylene	0.0000331	polyethylene	9002-88-4	100	1.667	1.667
2	Plaque	metal carbide	0.0011352	tungsten carbide	12070-12-1	100	57.157	57.157
3	Plaque	foil	0.0001987	copper	7440-50-8	95	9.504	10.005
				nickel	7440-02-0	5	0.500	
4	Prepreg	epoxy	0.0001540	epoxy	35948-25-5	65	5.040	7.754
				glass fiber	65997-17-3	35	2.714	
5	PCB foil	copper	0.0003128	copper	7440-50-8	100	15.749	15.749
6	Copper plating	copper	0.0001462	copper	7440-50-8	100	7.361	7.361
7	Solder plating	nickel under plate gold finish plate	0.0000055	nickel	7440-02-0	98	0.271	0.277
				gold	7440-57-5	2	0.006	
8	Protection layer	epoxy	0.0000006	epoxy	-	100	0.030	0.030
			Total weight	0.0019861				

This Document was updated on: March 11, 2019

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.