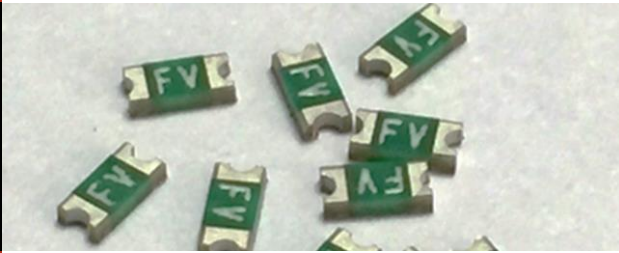


Together We Make It Safe!



Thin Film Surface Mount Fuse





Thin Film Surface Mount Fuse TF101

1206

Fast Acting



RoHS

HF

Features

- Lead free and RoHS compliant, Halogen free
- Copper thin film on PCB based FR4 substrate
- Tin termination over Nickel plating on Copper

Applications

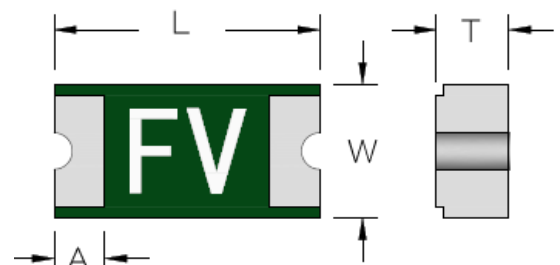
- Cell Phones, Tablets, and Laptops
- Portable Electronic Devices
- Toys
- Digital Cameras
- Memory Cards
- Bluetooth Earphones

Fuse Opening Time

% of Current Rating	Opening Time at 25°C
100%	> 4 hours
200%	< 5 seconds
300%	<0.2 second

Fuse Dimensions

Dimension	mm	Inch
Thickness (T)	0.58 ± 0.13	0.023 ± 0.004
Length (L)	3.18 ± 0.10	0.126 ± 0.004
Width (W)	1.52 ± 0.10	0.060 ± 0.004
Terminal Width (A)	0.56 ± 0.10	0.022 ± 0.004



Thin Film Surface Mount Fuse TF101

1206 Fast Acting

Product Identification

TF101 F 1206 A1000

(1) (2) (3) (4)

(1) Product Code (2) Fast Acting (3) Product Size (4) Current Rating Code

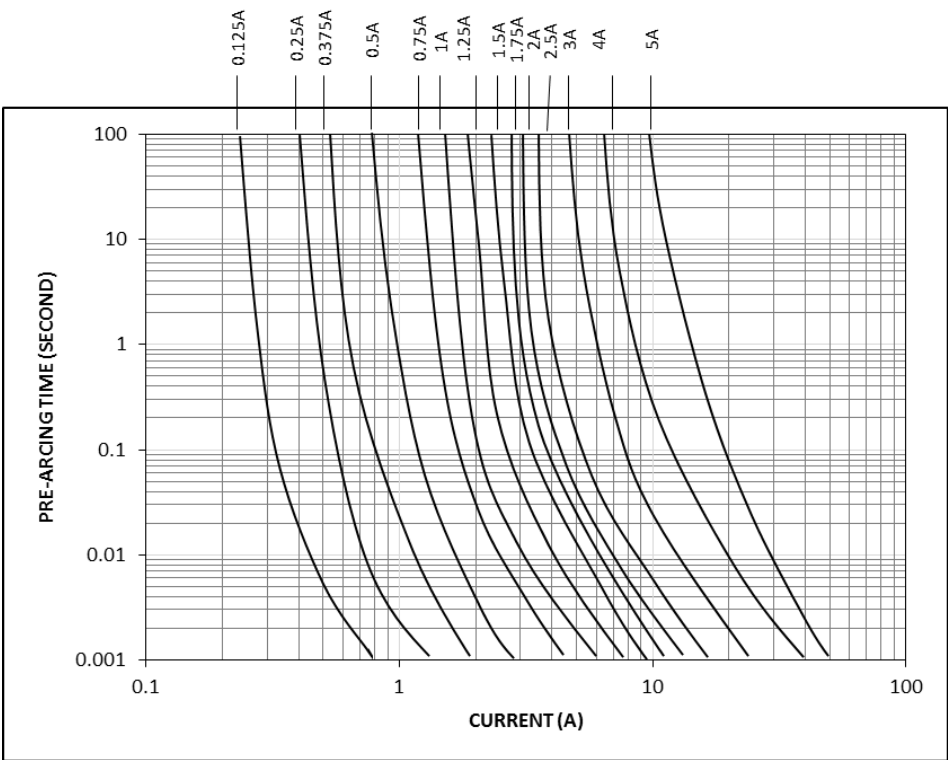
Fuse Ratings and Properties

Part Number	Marking	Current Rating (A)	Voltage Rating (V, AC/DC)	Interrupt Rating (AC/DC)	Nominal Cold Resistance (Ω)	Nominal I ² t (A ² s)
TF101F1206A0125	FA	0.125	125	50A @ 125V	3.890	0.0007
TF101F1206A0200	FB	0.2	125	50A @ 125V	1.050	0.0006
TF101F1206A0250	FC	0.25	125	50A @ 125V	0.680	0.002
TF101F1206A0375	FD	0.375	125	50A @ 125V	0.350	0.005
TF101F1206A0500	FE	0.5	63	50A @ 63V	0.250	0.007
TF101F1206A0750	FG	0.75	63	50A @ 63V	0.100	0.031
TF101F1206A1000	FH	1	63	50A @ 63V	0.080	0.045
TF101F1206A1250	FK	1.25	63	50A @ 63V	0.055	0.073
TF101F1206A1500	FL	1.5	63	50A @ 63V	0.048	0.124
TF101F1206A1750	FN	1.75	63	50A @ 63V	0.042	0.197
TF101F1206A2000	FO	2	63	50A @ 63V	0.034	0.261
TF101F1206A2500	FP	2.5	32	50A @ 32V	0.021	0.378
TF101F1206A3000	FS	3	32	50A @ 32V	0.018	0.612
TF101F1206A4000	FT	4	32	50A @ 32V	0.015	1.817
TF101F1206A5000	FV	5	32	50A @ 32V	0.010	2.522

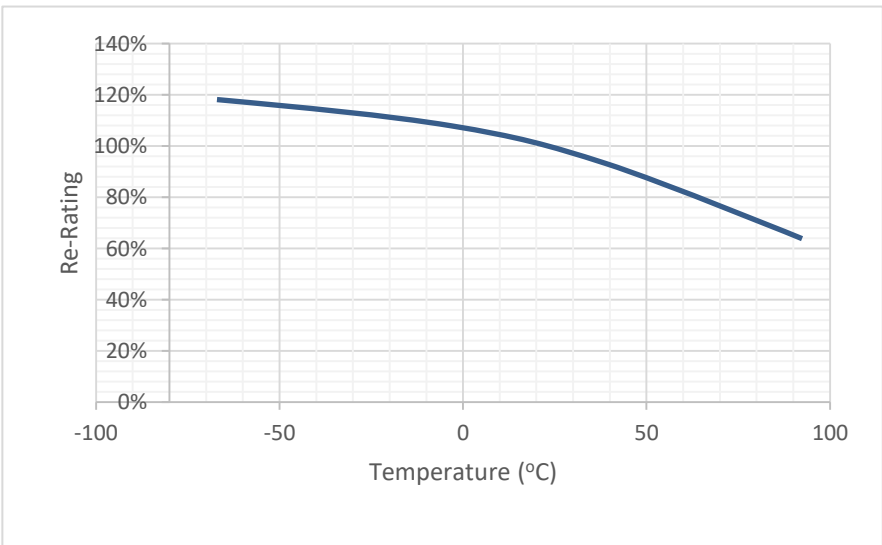
Thin Film Surface Mount Fuse TF101

1206 Fast Acting

Time vs. Current



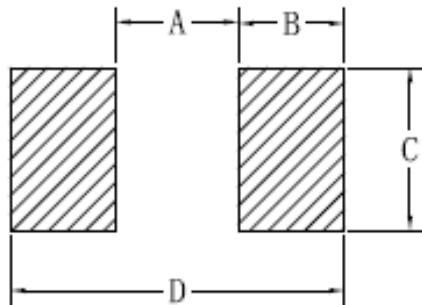
Temperature Re-Rating



Thin Film Surface Mount Fuse TF101

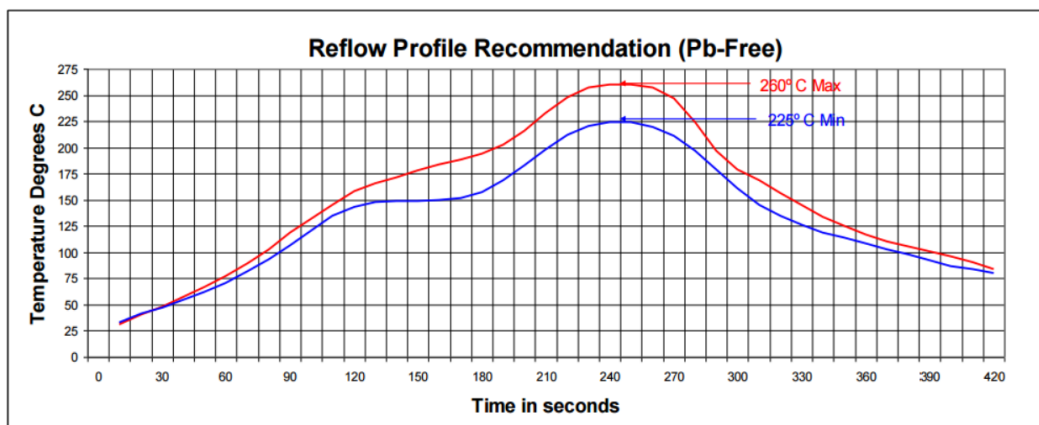
1206 Fast Acting

Pad Layout Recommended



Dimension	A	B	C	D
mm	1.52	1.14	2.03	3.81
Inch	0.060	0.045	0.080	0.150

Pb-Free Reflow Recommendation



Packaging

8mm Tape and Reel, Quantity 5000 pieces per reel, Packaging Specification EIA-481.