



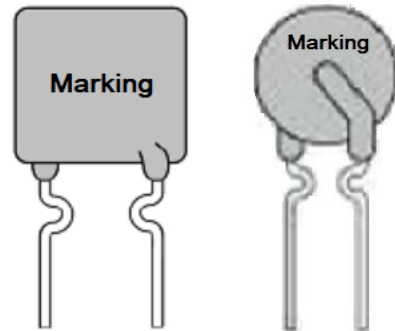
Product Features: Small surface mountable, Solid state,
Faster time to trip, 2920 Dimension

Operation Current: 0.75A~2.50A

Maximum Voltage: 16V~30V_{DC}

Temperature Range : -40°C to 85°C

Applications: Low voltage USB equipment and
Computers & peripherals



Lead Size: 24AWG

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Electrical Characteristics (23°C)

Part Number	Hold Current	Trip Current	Rated Voltage	Max Current	Typical Power	Max Time to Trip		Resistance	
						Current	Time	R _{MIN}	R _{1MAX}
	I _H , A	I _T , A	V _{MAX} , V _{DC}	I _{MAX} , A	P _d , W	A	Sec	Ohms	Ohms
FUB075-16	0.75	1.30	16	40	0.3	8.0	0.4	0.08	0.23
FUB090-16	0.90	1.80	16	40	0.6	8.0	1.2	0.07	0.18
FUB090-30	0.90	1.80	30	40	0.6	8.0	1.2	0.07	0.18
FUB110-16	1.10	2.20	16	40	0.7	8.0	2.3	0.05	0.14
FUB110-30	1.10	2.20	30	40	0.7	8.0	2.3	0.05	0.14
FUB120-16	1.20	2.00	16	40	0.6	8.0	0.7	0.04	0.14
FUB135-16	1.35	2.70	16	16	0.8	8.0	4.5	0.04	0.12
FUB135-30	1.35	2.70	30	16	0.8	8.0	4.5	0.04	0.12
FUB155-16	1.55	2.70	16	40	0.7	7.8	2.2	0.03	0.12
FUB160-16	1.60	3.20	16	40	0.9	8.0	9.0	0.03	0.11
FUB160-30	1.60	3.20	30	40	0.9	8.0	9.0	0.03	0.11
FUB185-16	1.85	3.70	16	40	1.0	8.0	10.0	0.03	0.09
FUB185-30	1.85	3.70	30	40	1.0	8.0	10.0	0.03	0.09
FUB200-16	2.50	5.00	16	40	1.2	8.0	40.0	0.02	0.07
FUB200-30	2.50	5.00	30	40	1.2	8.0	40.0	0.02	0.07

I_H=Hold current-maximum current at which the device will not trip at 23°C still air.
I_T=Trip current-minimum current at which the device will always trip at 23°C still air.
V_{MAX}=Maximum voltage device can withstand without damage at its rated current.
I_{MAX}= Maximum fault current device can withstand without damage at rated voltage (V MAX).
P_d=Typical power dissipated from device when in tripped state in 23°C still air environment.
R_{MIN}=Minimum device resistance at 23°C
R_{1MAX}=Maximum device resistance at 23°C, 1 hour after tripping .

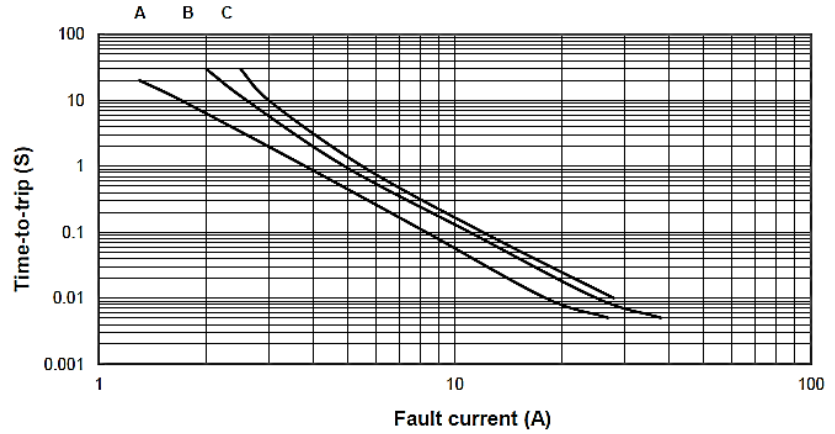
Thermal Derating for PPTC Device at Various Ambient Temperatures

Temperatures	-40°C	-20°C	0°C	23°C	30°C	40°C	50°C	60°C	70°C	85°C
Current Derating %	145%	130%	115%	100%	92%	85%	78%	80%	62%	50%

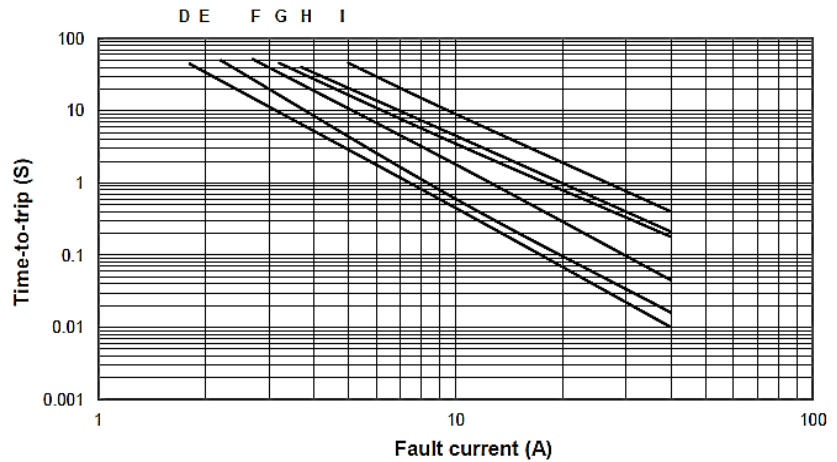


Typical Time-To-Trip at 23°C

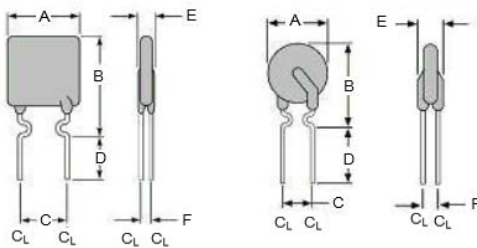
- A = FUB075
- B = FUB120
- C = FUB155



- D = FUB090
- E = FUB110
- F = FUB135
- G = FUB160
- H = FUB185
- I = FUB250



Product Dimensions (Millimeters)



Part Number	A	B	C	D	E	F
	Max	Max	Typ	Min	Max	Typ
FUB075	6.9	11.4	5.1	7.6	3.0	0.8
FUB090	7.4	12.2	5.1	7.6	3.0	0.8
FUB110	7.4	14.2	5.1	7.6	3.0	0.8
FUB120	6.9	11.7	5.1	7.6	3.0	0.8
FUB135	8.9	13.5	5.1	7.6	3.0	0.8
FUB155	6.9	11.7	5.1	7.6	3.0	0.8
FUB160	8.9	15.2	5.1	7.6	3.0	0.8
FUB185	10.2	15.7	5.1	7.6	3.0	0.8
FUB250	11.4	18.3	5.1	7.6	3.0	0.8

Terminal Pad Materials: Tin-Plated copper clad steel
24 AWG

Terminal Pad Solderability:

Meets EIA Specification
Flame retardant epoxy, meet UL-94V-0 requirement