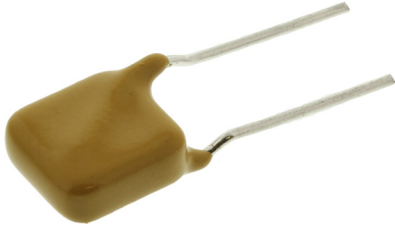


**RoHS
Compliant**



Specifications

Terminal pad Material	: Tin plated copper, 22 AWG.
Soldering Characteristic	: MIL-STD-202, Method 208E
Insulating Coating	: Flame retardant epoxy, meets UL-94V-0 requirement
Operating Current	: 80mA-180mA
Maximum Voltage	: 250V-600V
Temperature Range	: -40°C to +85°C
Approval	: UL Approved

Electrical Characteristics

Part Number	Hold Current	Trip Current	Max. Int. Voltage	Max. Current	Typical Power	Max. Time to Trip		Resistance	
	I _H (A)	I _T (A)	V _{MAX} (V)	I _{MAX} (A)	P _d (W)	Current (A)	Time (Sec)	R _{MIN.} (Ω)	R _{1MAX.} (Ω)
MC33155	0.15	0.3	250	3	1	1	4	6	17
MC33156	0.16	0.32	250	3	1	1	7	4	18

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 it rated current.(I_{MAX}.)

I_{MAX} = Maximum fault current device can withstand without damage at rated voltage. (V_{MAX}.)

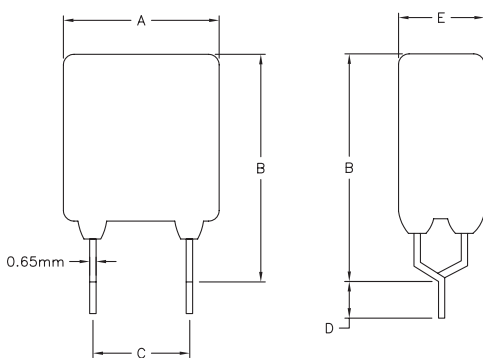
P_d = Typical power dissipated-type amount of power dissipated by the device when in the tripped state in 23°C still air environment.

R_{MIN} = Minimum device resistance at 23°C prior to tripping.

R_{1MAX} = Maximum device resistance at 23°C measured 1 hour after tripping or reflow soldering of 260°C for 20 seconds.

Termination pad materials: Pure Tin

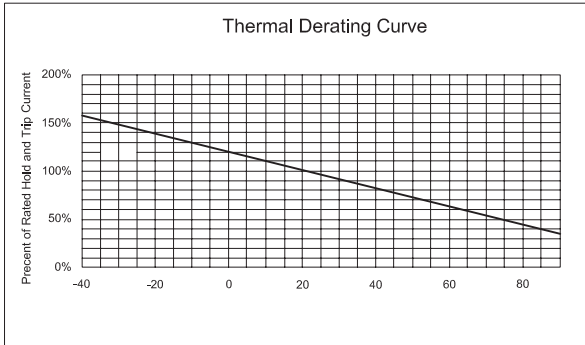
Diagram



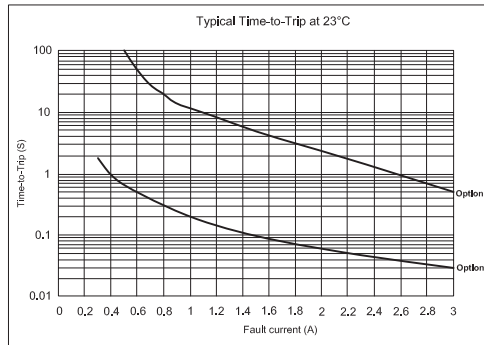
Part Number	A	B	C	D	E
	Max.	Max.	Typ.	Min.	Max.
MC33155	9	12.5	5	4.7	4.6
MC33156	16	12.6	5	4.7	6

Dimensions : Millimetres

Thermal Derating Curve



Typical Time-To-Trip at 23°C



Option 1 = MC33155
Option 2 = MC33156

Part Number Table

Description	Part Number
Resettable Fuse, PPTC, 250V AC, 150mA	MC33155
Resettable Fuse, PPTC, 250V AC, 160mA	MC33156

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.