

Specification Status: Released

Maximum Electrical Rating

Voltage: 15Vdc MAX
Current: 100A MAX

Chip Size: 12.0x5.0mm

Leads: Nickel 1/4H
0.125mm nominal thickness

Tape: Polyester (White)
13mm nominal width

Solder: Lead-free

Marking(Color: Green):

- Manufacturer's Mark
- ✕ 175 — Part Identification
- — Lot Identification

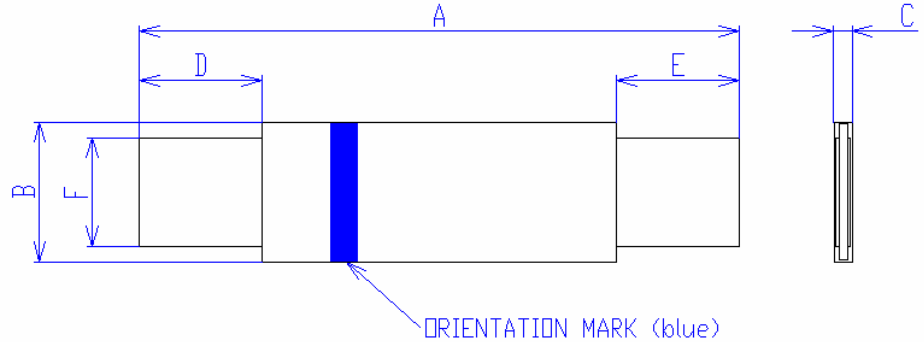


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | | F | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | 20.9 | 23.1 | 4.9 | 5.2 | 0.6 | 1.0 | 4.1 | 5.5 | 4.1 | 5.5 | 3.9 | 4.1 |
| in*: | (0.82) | (0.91) | (0.19) | (0.20) | (0.02) | (0.04) | (0.16) | (0.22) | (0.16) | (0.22) | (0.15) | (0.16) |

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS: As measured in Mueller Kelvin Clips model BU-75K.

| I HOLD | CURRENT TRIP LIMITS | | | | | | | | TIME TO TRIP | | REFERENCE RESISTANCE | | ONE-HOUR POST-TRIP RESISTANCE | | TRIPPED-STATE POWER DISSIPATION |
|--------|---------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------------------|-----------------------------|------------------|-------------------------------|------------------|---------------------------------|
| | AMPS 20°C HOLD | AMPS AT 0°C HOLD | AMPS AT 20°C TRIP | AMPS AT 60°C HOLD | AMPS AT 60°C TRIP | AMPS AT 85°C HOLD | AMPS AT 85°C TRIP | AMPS AT 85°C HOLD | AMPS AT 85°C TRIP | SECONDS AT 20°C, 8.75 A TYP | SECONDS AT 20°C, 8.75 A MAX | OHMS AT 20°C MIN | OHMS AT 20°C MAX | OHMS AT 20°C MIN | OHMS AT 20°C MAX |
| 1.75 | 2.0 | 4.4 | 1.75 | 3.8 | 1.2 | 2.7 | 0.9 | --- | --- | 5 | 0.050 | 0.090 | 0.050 | 0.120 | 1.5 |

Agency Recognitions:
Reference Documents:
Precedence:
Effectivity:
CAUTION:

UL, TUV, CSA
PS300
This specification takes precedence over documents referenced herein.
Reference documents shall be the issue in effect on the date of invitation for bid.
Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.

Materials Information:

ROHS Compliant

ELV Compliant

Pb-Free

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant

