

**Specification Status: Released**

**Maximum Electrical Rating**

Operating Voltage: 20Vdc  
Interrupt Current: 100A

Chip Size : 9.5 X 50mm

Leads: Nickel 1/2H  
0.3mm nominal thickness

Solder: Lead-free

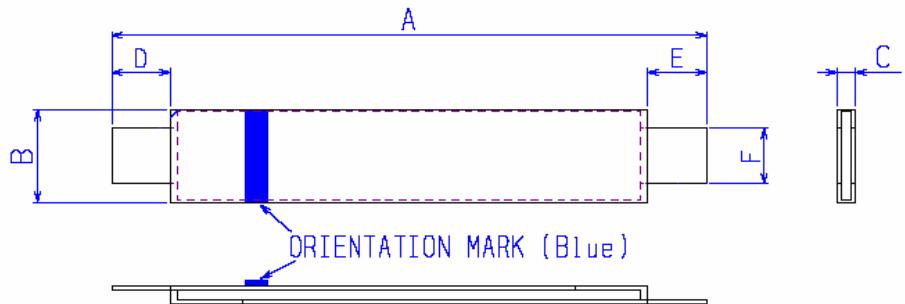
Tape: Polyester (White)  
51.5 mm nominal width

Marking: (Color: Green)

Manufacturer's Mark

 EX3 — Part Identification

 — Lot Identification



**TABLE I. DIMENSIONS:**

| mm:<br>in*:    | A              |               | B              |               | C             |               | D             |               | E             |               | F             |     |
|----------------|----------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----|
|                | MIN            | MAX           | MIN            | MAX           | MIN           | MAX           | MIN           | MAX           | MIN           | MAX           | MIN           | MAX |
| 63.0<br>(2.48) | 65.0<br>(2.56) | 9.4<br>(0.37) | 10.0<br>(0.39) | 0.9<br>(0.04) | 1.3<br>(0.05) | 5.0<br>(0.20) | 7.5<br>(0.30) | 5.0<br>(0.20) | 7.5<br>(0.30) | 5.9<br>(0.30) | 6.1<br>(0.23) |     |
|                |                |               |                |               |               |               |               |               |               |               |               |     |

\*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<br>20°C        | AMPS<br>AT 0°C | AMPS<br>AT 20°C | AMPS<br>AT 60°C | AMPS<br>AT 70°C | SECONDS<br>AT 20°C,<br>65.0A | OHMS<br>AT 20°C | OHMS<br>AT 20°C |              |     |                      |        |                               |        |                                 |     |
| HOLD   | HOLD                | TRIP           | HOLD            | TRIP            | HOLD            | TRIP                         | HOLD            | TRIP            | MIN          | MAX | MIN                  | MAX    | MIN                           | MAX    | MIN                             | MAX |
| 13.0   | 14.5                | 23.5           | 13.0            | 21.2            | 9.5             | 15.7                         | 8.6             | 14.4            | ---          | 5   | 0.0035               | 0.0065 | 0.0035                        | 0.0090 | 4.5                             |     |

Agency Recognitions:

UL, TUV, CSA

Reference Documents:

PS300

Precedence:

This specification takes precedence over documents referenced herein.

Effectivity:

Reference documents shall be the issue in effect on the date of invitation for bid.

CAUTION:

Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.

Materials Information:

**ROHS Compliant**

Directive 2002/95/EC  
Compliant

**ELV Compliant**

Directive 2000/53/EC  
Compliant

Pb-Free



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