

Specification Status: Released

Maximum Electrical Rating

Operating Voltage: 16Vdc

Interrupt Current: 100A

Chip Size: 4.2 X 13.3mm

Leads: Nickel 1/4H
0.125mm nominal thickness

Solder: Lead-free

Tape: Polyester (White)
14.3 mm nominal width

Lot Marking Ink Color (Green)

Marking:

— Manufacturer's Mark
XXV20 — Part Identification
□□□□ — Lot Identification

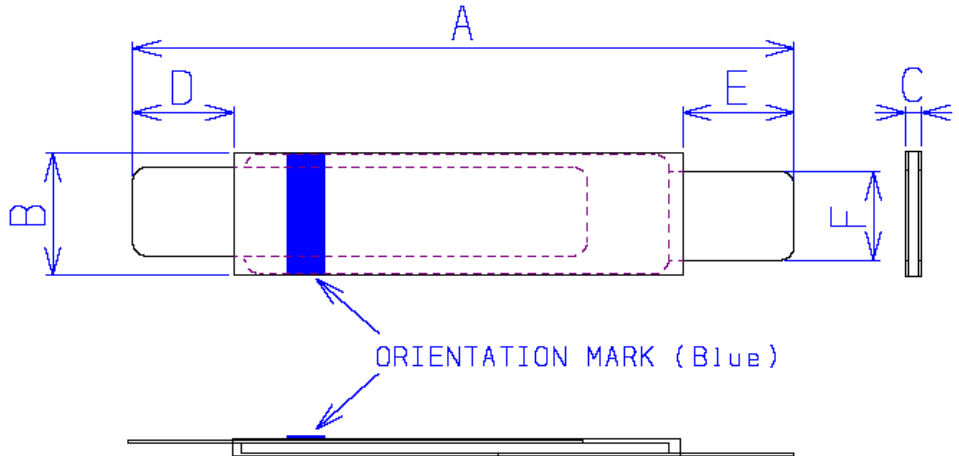


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | | F | |
|------|--------|--------|--------|--------|-----|--------|--------|--------|--------|--------|--------|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | 20.9 | 23.1 | 4.1 | 4.5 | -- | 0.8 | 3.0 | 4.8 | 3.0 | 4.8 | 2.9 | 3.1 |
| In*: | (0.82) | (0.91) | (0.16) | (0.18) | | (0.03) | (0.12) | (0.19) | (0.12) | (0.19) | (0.11) | (0.12) |

*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 25°C HOLD | AMPS AT 0°C | | AMPS AT 25°C | | AMPS AT 60°C | | AMPS AT --°C | | SECONDS AT 25°C, 10.0A | | OHMS AT 25°C | | OHMS AT 25°C | | WATTS AT 25°C, 16V |
| | | HOLD | TRIP | HOLD | TRIP | HOLD | TRIP | HOLD | TRIP | MIN | MAX | MIN | MAX | MIN | MAX | MAX |
| | 2.0 | 2.6 | 6.0 | 2.0 | 4.7 | 0.9 | 2.8 | --- | --- | --- | 5 | 0.022 | 0.039 | 0.022 | 0.078 | 1.5 |

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

ELV Compliant

Pb-Free

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant

