

Specification Status: Released

Maximum Electrical

Rating

Operating Voltage: 16Vdc
Interrupt Current: 60A

Chip Size: 2.8 X 9.6 mm

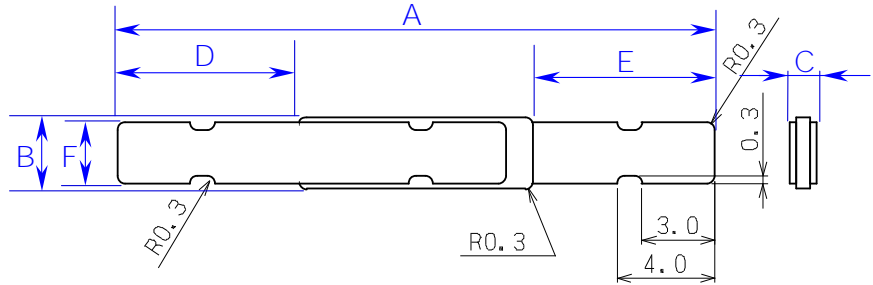
Leads: Nickel 1/2H

0.125mm nominal thickness

Solder: Lead-free

Tape: None

Marking: None



*Dimension values on the drawing are for reference only.

TABLE I. DIMENSIONS:

| A | | B | | C | | D | | E | | F | |
|--------|--------|--------|--------|-----|--------|--------|--------|--------|--------|--------|--------|
| MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| 23.6 | 25.6 | 2.7 | 2.9 | --- | 0.7 | 7.0 | 8.0 | 7.0 | 8.0 | 2.3 | 2.5 |
| (0.93) | (1.01) | (0.11) | (0.11) | --- | (0.03) | (0.28) | (0.31) | (0.28) | (0.31) | (0.09) | (0.98) |

*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 | | AMPS AT 0°C | | AMPS AT 25°C | | AMPS AT 60°C | | | AMPS AT --°C | | OHMS AT 25°C | | | OHMS AT 25°C | |
| | HOLD | TRIP | HOLD | TRIP | HOLD | TRIP | HOLD | TRIP | | HOLD | TRIP | MIN | MAX | | MIN | MAX |
| 1.75 | 2.3 | 5.3 | 1.75 | 3.9 | 0.9 | 2.2 | --- | --- | --- | 5.0 | 0.023 | 0.041 | 0.023 | 0.082 | 1.8 | |

Agency Recognitions: UL, CSA, TUV

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





PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: VLP175UAF

DOCUMENT: SCD25835
PCN: D55286
REV LETTER: E
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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