

Specification Status: Released

Maximum Electrical Rating

Operating Voltage: 16Vdc
Interrupt Current: 100A

Leads: Nickel 1/4H
 0.125mm nominal thickness

Solder: Lead-free

Tape: Polyester(White)
 13mm nominal width

Lot Marking Ink Color (Green)

Marking:

- Manufacturer's Mark
- XX V21 — Part Identification
- □ □ □ — Lot Identification

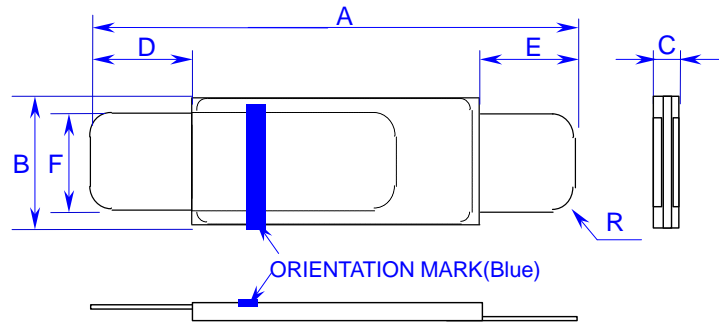


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | | F | | R | |
|------|--------|--------|--------|--------|-----|--------|--------|--------|--------|--------|--------|--------|-------|-----|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | TYP | MAX |
| mm: | 20.9 | 23.1 | 4.9 | 5.3 | -- | 0.8 | 4.1 | 5.8 | 4.1 | 5.8 | 3.9 | 4.1 | 1.0 | -- |
| in*: | (0.82) | (0.91) | (0.19) | (0.21) | -- | (0.03) | (0.16) | (0.23) | (0.16) | (0.23) | (0.15) | (0.16) | (0.4) | -- |

*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 AT 0°C | | AMPS AT 25°C | | AMPS AT 60°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 | MIN | MAX | MIN | MAX | MIN | MAX | MAX |
| 2.1 | 2.9 | 6.0 | 2.1 | 4.7 | 1.0 | 2.8 | --- | 5 | 0.018 | 0.030 | 0.018 | 0.060 | 1.5 |

Agency Recognition: UL, CSA, TUV
 Reference Document: 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





Expertise Applied | Answers Delivered

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: VTP210GF

DOCUMENT: SCD25823
REV LETTER: D
REV DATE: JULY 26, 2016
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