

Specification Status: Released

Maximum Electrical Rating

Operating Voltage: 16Vdc
Interrupt Current: 100A

Chip Size: 5 x 7mm

Leads: Nickel 1/4H
0.125mm nominal thickness

Solder: Lead-free

Tape: Polyester (White)
6.5 mm nominal width

Lot Marking Ink Color (Green)

Marking:

- Manufacturer's Mark
- XX V17 — Part Identification
- — Lot Identification

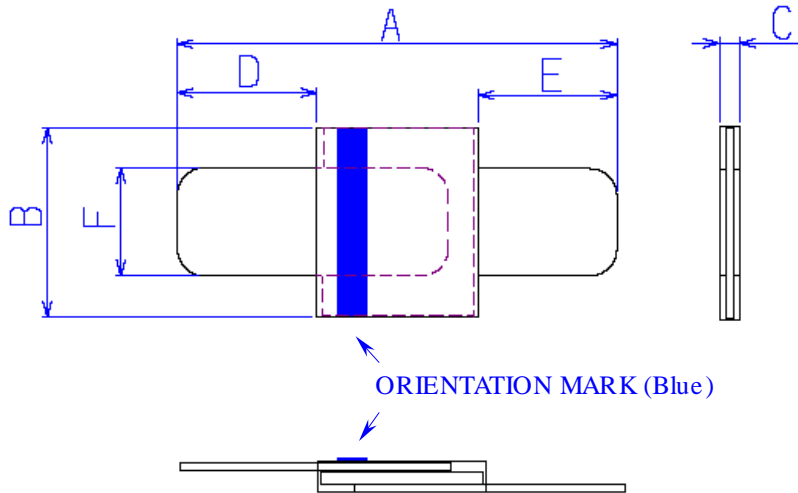


TABLE I. DIMENSIONS:

| | | A | | B | | C | | D | | E | | F | |
|------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | | 15.4 | 17.5 | 7.0 | 7.4 | 0.5 | 0.8 | 4.0 | 6.2 | 4.0 | 6.2 | 3.9 | 4.1 |
| in*: | | (0.60) | (0.69) | (0.28) | (0.29) | (0.02) | (0.03) | (0.16) | (0.24) | (0.16) | (0.24) | (0.15) | (0.16) |

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS: As measured in Muller Kelvin clips model BU-75K.

| I HOLD | CURRENT TRIP LIMITS | | | | | | | | TIME TO TRIP | REFERENC E RESISTANC E | 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 | SECONDS AT 25°C, 8.5A | | OHMS AT 25°C | | | WATTS AT 25°C, 16V | | | | |
| HOLD | HOLD | TRIP | HOLD | TRIP | HOLD | TRIP | HOLD | TRIP | MIN | MAX | MIN | MAX | MIN | MAX | |
| 1.7 | 2.2 | 4.5 | 1.7 | 3.4 | 0.8 | 1.8 | --- | --- | --- | 5 | 0.030 | 0.052 | 0.030 | 0.105 | 1.4 |

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



PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: VTP170F

DOCUMENT: SCD25924
REV LETTER: E
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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