Tyco Electronics

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Marking:

mm:

in*:

I HOLD

AMPS

25°C

HOLD

1.1

PolySwitch® **PTC Devices**

PRODUCT: VTP110F

DOCUMENT: SCD 25357 REV DATE: MAY 23, 2007 PAGE NO.: 1 OF 1

TRIPPED-

STATE POWER

DISSIPATION

WATTS AT

25°C, 16V

MAX

1.3

PCN: A35475 **Overcurrent Protection Device** REV LETTER: D **Raychem Circuit Protection Products Specification Status: Released** Maximum Electrical Rating **Operating Voltage: 16Vdc** Interrupt Current: 100A Chip Size: 2.8 X 9.6mm Leads: Nickel 1/2H 0.125mm nominal thickness m Tape: None MARKING Solder: Lead-free Lot Identification **TABLE I. DIMENSIONS:** D B С MIN MAX MAX MIN MAX MIN MAX MIN MAX MIN MAX MIN 23.6 8.0 25.6 2.7 2.9 7.0 8.0 2.3 2.5 0.7 7.0 ---(0.93)(1.01) (0.11)(0.11)---(0.03)(0.28)(0.31)(0.28)(0.31)(0.09)(0.10)*Rounded off approximation TABLE II. PERFORMANCE RATINGS: As measured in Mueller Kelvin Clips model BU-75K. CURRENT TRIP LIMITS TIME TO REFERENCE **ONE-HOUR** TRIP POST-TRIP RESISTANCE RESISTANCE AMPS AMPS AMPS AMPS SECONDS AT OHMS OHMS AT 0°C AT 60°C AT --°C AT 25°C 20°C, 5.5A AT 25°C AT 25°C TRIP HOLD TRIP HOLD TRIP HOLD TRIP MIN MAX MIN MIN HOLD MAX MAX 3.4 2.7 0.7 5 0.038 0.070 0.038 0.140 1.4 1.1 1.7 ------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



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