

**Tyco / Electronics**  
**Raychem Circuit Protection**  
 308 Constitution Drive  
 Menlo Park, CA 94025-1164  
 Phone: 800-227-4856  
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**PolySwitch®**  
**PTC Devices**  
 Overcurrent Protection Device

**PRODUCT: VTP240F**

DOCUMENT: SCD 25937  
 PCN: A89572  
 REV LETTER: A  
 REV DATE: DECEMBER 21, 2004  
 PAGE NO.: 1 OF 1

**Specification Status: Released**

**Maximum Electrical Rating**

**Operating Voltage: 16Vdc**  
**Interrupt Current: 100A**

Chip Size: 5 X 15mm

Leads: Nickel 1/4H  
 0.125mm nominal thickness

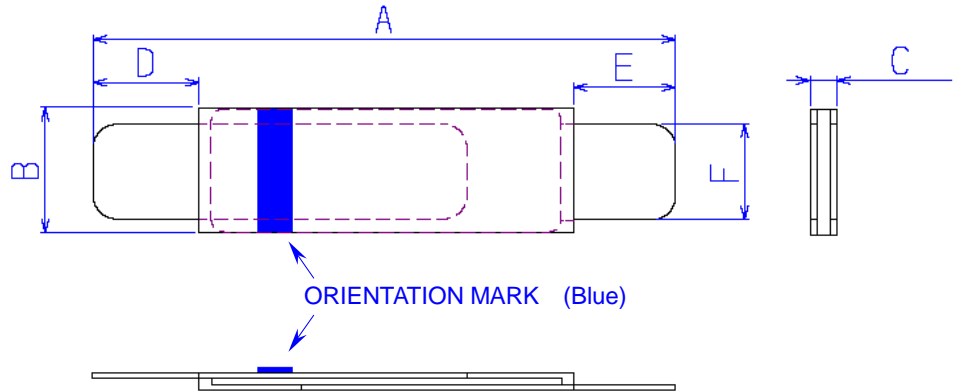
Solder: Lead-free

Tape: Polyester (White)  
 17 mm nominal width

Lot Marking Ink Color (Green)

Marking:

- Manufacturer's Mark
- ✕ V24 — 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:	23.8	26.2	4.9	5.3	---	0.8	3.5	5.7	3.5	5.7	3.9	4.1
in*:	(0.94)	(1.03)	(0.19)	(0.21)		(0.03)	(0.14)	(0.22)	(0.14)	(0.22)	(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	REFERENCE RESISTANCE	ONE-HOUR POST-TRIP RESISTANCE		TRIPPED-STATE POWER DISSIPATION	
	AMPS AT 0°C		AMPS AT 25°C		AMPS AT 60°C		AMPS AT --°C		OHMS AT 25°C			OHMS AT 25°C			WATTS AT 25°C, 16V MAX
25°C HOLD	AMPS HOLD	TRIP	AMPS HOLD	TRIP	AMPS HOLD	TRIP	AMPS HOLD	TRIP	SECONDS AT 25°C, 12.0A	MIN	MAX	MIN	MAX	MIN	
2.4	3.1	7.9	2.4	5.9	1.2	3.2	---	---	---	5	0.014	0.026	0.014	0.052	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.