

**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

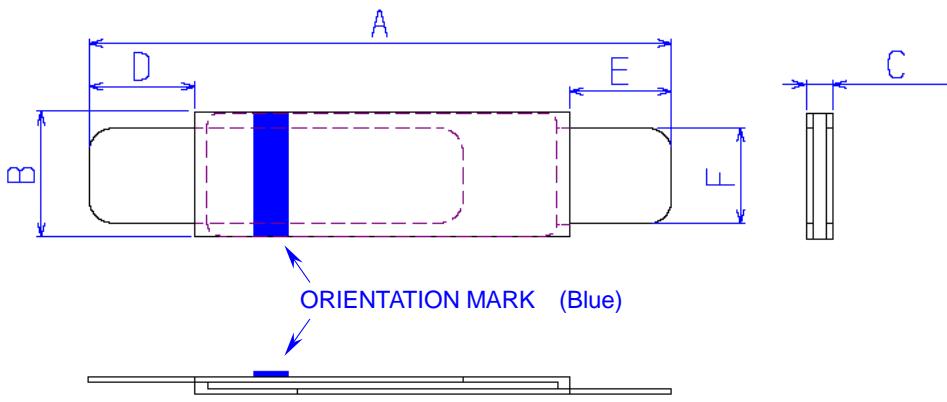
Lot Marking Ink Color (Green)

Marking:

— Manufacturer's Mark

 V24 — Part Identification

 — Lot Identification



**TABLE I. DIMENSIONS:**

	A MIN	A MAX	B MIN	B MAX	C MIN	C MAX	D MIN	D MAX	E MIN	E MAX	F MIN	F 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 25°C HOLD	AMPS AT 0°C HOLD	AMPS AT 25°C HOLD	AMPS AT 60°C HOLD	AMPS AT -2°C HOLD	SECONDS AT 25°C, 12.0A MIN	OHMS AT 25°C MIN	OHMS AT 25°C MAX	MIN	MAX				
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.