

Tyco/ Electronics
Raychem Circuit Protection
 308 Constitution Drive
 Menlo Park, CA 94025-1164
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Polyswitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: VTP110

DOCUMENT: SCD 24654
 PCN: 740394
 REV LETTER: A
 REV DATE: MARCH 22, 2001
 PAGE: 1 OF 1

Specification Status: Preliminary

Electrical Rating

Voltage: 16V MAX
Current: 100A MAX

Leads:
 Nickel: 0.125 mm nom.

Tape:
 None

Marking:

□□□□ — Lot Identification

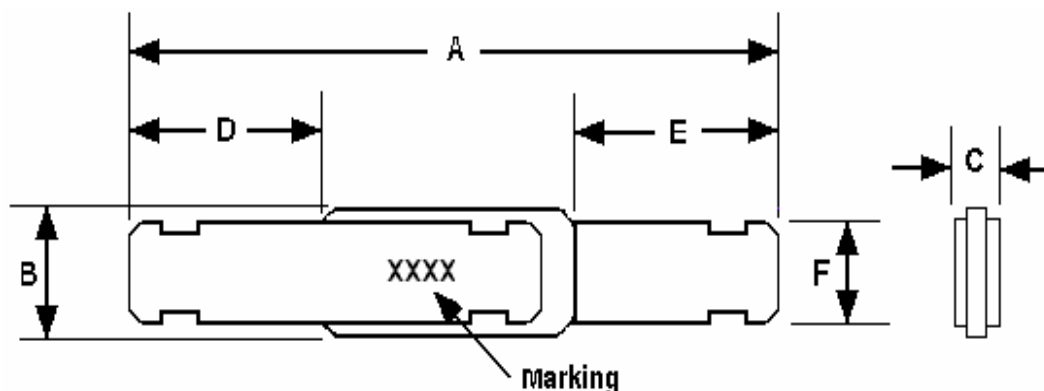


TABLE I. DIMENSIONS:

	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	23.6	25.6	2.7	2.9	--	0.7	7.0	8.0	7.0	8.0	2.3	2.5
in*:	(0.93)	(1.01)	(0.11)	(0.11)	--	(0.03)	(0.28)	(0.32)	(0.28)	(0.32)	(0.09)	(0.10)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

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		AMPS AT 25°C		AMPS AT 60°C		SECONDS AT 25°C, 7 A		OHMS AT 25°C		OHMS AT 25°C		WATTS AT 25°C, 16V
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	MIN	MAX	MAX
1.1	1.4	3.4	1.1	2.7	0.5	1.1	--	5	0.038	0.070	0.038	0.140	1.3

Reference Documents:
 Precedence:
 Effectivity:
 CAUTION:

PS300
 This specification takes precedence over documents referenced herein.
 Reference documents shall be the issue in effect on the date of invitation or bid.
 Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.