Tyco / Electronics Raychem Circuit Protection

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PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: VTP210F

DOCUMENT: SCD 26254

PCN: RF0047 **REV LETTER: A**

REV DATE: JUNE 16, 2005

PAGE NO.: 1 OF 1

Specification Status: Released

Maximum Electrical Rating Operating Voltage: 16Vdc Interrupt Current: 100A

Chip Size: 5 X 12mm

Leads: Nickel 1/4H

0.125mm nominal thickness

Solder: Lead-free

Tape: Polyester (White)

13 mm nominal width

Marking: (Color: Green)

Manufacturer's Mark

V21 — Part Identification

Lot Identification

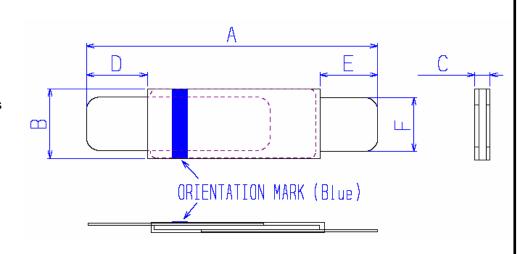


TABLE I. DIMENSIONS:

	Α		В		С)	Е		F	
	MIN	MAX										
mm:	20.9	23.1	4.9	5.3	0.6	8.0	4.1	5.8	4.1	5.8	3.9	4.1
in*:	(0.82)	(0.90)	(0.19)	(0.20)	(0.02)	(0.03)	(0.16)	(0.22)	(0.16)	(0.22)	(0.15)	(0.16)

^{*}Rounded off approximation

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

l	I HOLD	CURRENT TRIP LIMITS									TO	REFERENCE		ONE-HOUR		TRIPPED-	
ı											ΙP	RESIS	TANCE	POST-TRIP		STATE	
ı														RESISTANCE		POWER	
ı																DISSIPATION	
ı	AMPS	AMPS		AMPS		AMPS		AMPS		SECONDS AT		OHMS		OHMS		WATTS AT	
ı	25°C	AT 0°C		AT 25°C		AT 6	AT 60°C		AT°C		25°C, 10.0A		AT 25°C		25°C	25°C,16V	
	HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MIN	MAX	MIN	MAX	MIN	MAX	MAX	
ı	2.1	2.9	6.0	2.1	4.7	1.0	2.8				5	0.018	0.030	0.018	0.060	1.5	

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

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant



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