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PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: VTP200GF

DOCUMENT: SCD26023

PCN: F30230 REV LETTER: C

REV DATE: MAY 11, 2011 PAGE NO.: 1 OF 1

Specification Status: Released

Maximum Electrical Rating

Operating Voltage: 16Vdc Interrupt Current: 100A

Chip Size: 4.2 X 13.3mm

Leads: Nickel 1/4H

0.125mm nominal thickness

Solder: Lead-free

Tape: Polyester (White)

14.3 mm nominal width

Lot Marking Ink Color (Green)

Marking:

mm: In*: ——— Manufacturer's Mark

×V20 — Part Identification



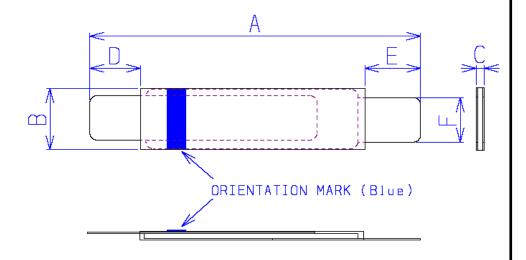


TABLE I. DIMENSIONS:

	Α		В		С		[)	Е		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
:	20.9	23.1	4.1	4.5		8.0	3.0	4.8	3.0	4.8	2.9	3.1
	(0.82)	(0.91)	(0.16)	(0.18)		(0.03)	(0.12)	(0.19)	(0.12)	(0.19)	(0.11)	(0.12)
	*Rounded off approximation											

TABLE IL PERFORMANCE RATINGS: As measured in Mueller Kelvin Clins model BIL-75K

TABLE II. PERFORMANCE RATINGS. AS Illeasured III Mideller Reivin Clips Illoder Bo-75R.																
	I HOLD	CURRENT TRIP LIMITS									TO	REFERENCE (ONE-HOUR		TRIPPED-
ı											ΙP	RESISTANCE		POST-TRIP		STATE
ı														RESISTANCE		POWER
ı																DISSIPATION
ı	AMPS	AM	AMPS AT 25°C		AMPS AT 60°C		AMPS AT°C		SECONDS AT 25°C, 10.0A		OHMS AT 25°C		OHMS AT 25°C		WATTS AT	
ı	25°C	AT 0°C													25°C,16V	
	HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MIN	MAX	MIN	MAX	MIN	MAX	MAX
ı	2.0	2.6	6.0	2.0	4.7	0.9	2.8				5	0.022	0.039	0.022	0.078	1.5

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

Directive 2002/95/EC Compliant Directive 2000/53/EC Compliant



Pb-Free

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