

308 Constitution Drive Menlo Park, CA 94025-1164 Phone: 800-227-4856 www.circuitprotection.com

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: SRP200F

DOCUMENT: SCD25487

PCN: D83524 REV LETTER: D

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

Specification Status: Released

Maximum Electrical Rating

Voltage: 30Vdc MAX Current: 100A MAX

Chip Size: 10.5x8.2mm

Leads: Nickel 1/4H

0.125mm nominal thickness

Tape: Polyester (White)

10.2mm nominal width

Solder: Lead-free

Marking (Color: Green):

Manufacturer's Mark

____ __ __ Lot Identification

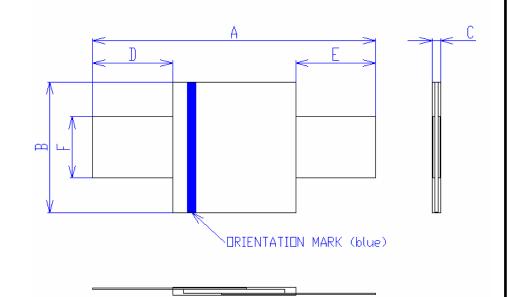


TABLE I. DIMENSIONS:

	Α		В		С)	E		F		
	MIN	MAX											
mm:	21.3	23.4	10.2	11.0	0.5	1.1	5.0	7.6	5.0	7.6	4.8	5.4	
in*:	(0.84)	(0.92)	(0.40)	(0.43)	(0.02)	(0.04)	(0.20)	(0.30)	(0.20)	(0.30)	(0.19)	(0.21)	

^{*}Rounded off approximation

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

I HOLD			CUR	RENT	TRIP LIN	MITS		TIME	E TO	REFERENCE		ONE-HOUR		TRIPPED-		
										RIP	RESIS [®]	TANCE	POST-TRIP		STATE	
													RESISTANCE		POWER	
															DISSIPATION	
AMPS	AMPS		AM	AMPS AMPS		AMPS		SECON	NDS AT OHMS		OHMS		WATTS AT			
20°C	AT 0°C		AT 2	720°C AT 60°C		30°C	AT 80°C		20°C, 10 A		AT 20°C		AT 20°C		20°C, 15V	
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	MIN	MAX	TYP	MAX
2.0	2.5	5.1	2.0	4.4	1.4	3.0			1.8	4.0	0.030	0.060	0.030	0.100	1.6	1.9

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

Pb-Free

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



© 2003, 2011 Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All rights reserved.