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PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: SRP350F

DOCUMENT: SCD25489

PCN: F81926 REV LETTER: E

REV DATE: MAY 14, 2011 PAGE NO.: 1 OF 1

Specification Status: Released

Electrical Rating Voltage: 30V MAX

Current: 100A MAX

Chip Size: 13.1 X 11.9 mm

Leads: Nickel 1/4H

0.125mm nominal thickness

Tape: Polyester (White)

15.5mm Width

Solder: Lead-free

Marking: (Color: Green)

Manufacturer's Mark

× 350 — Part Identification

Lot Identification

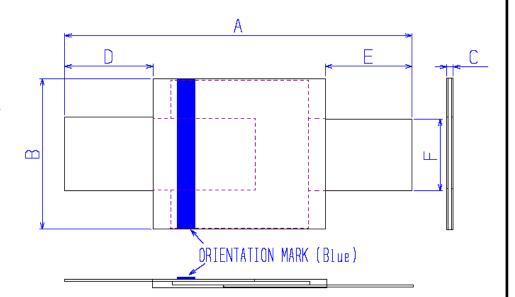


TABLE I. DIMENSIONS:

	Α		В		С		D		E		F		G		
	MIN	MAX	MIN	MAX											
mm:	28.4	31.8	13.0	13.5	0.5	1.1	6.3	8.9	6.3	8.9	6.0	6.6			
in*:	(1.12)	(1.25)	(0.51)	(0.53)	(0.02)	(0.04)	(0.25)	(0.35)	(0.25)	(0.35)	(0.24)	(0.26)			

^{*}Rounded off approximation

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

I HOLD	CURRENT TRIP LIMITS									E TO	REFERENCE		ONE-HOUR		TRIPPED-		
										RIP	RESIS	TANCE	POST	POST-TRIP STATE		ATE .	
													RESIS	ESISTANCE POWER		VER	
															DISSIPATION		
AMPS	AMPS		AMPS AMPS		IPS	AMPS		SECONDS AT OHMS		OHMS		WATTS AT					
20°C	AT 0°C		AT 20°C		AT 6	AT 60°C		AT 80°C		20°C, 20 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	
3.5	4.3	7.2	3.5	6.3	2.5	4.4			1.5	3.0	0.017	0.031	0.017	0.050	1.9	2.5	

Agency Recognitions: UL, CSA, TUV 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

CONS COMPHANT

Directive 2002/95/EC Compliant

ELV Compliant

Directive 2000/53/EC Compliant

Dh Fra



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