PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: SRP350F

DOCUMENT: SCD25489
PCN: F81926
REV LETTER: E
REV DATE: JULY 26, 2016

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

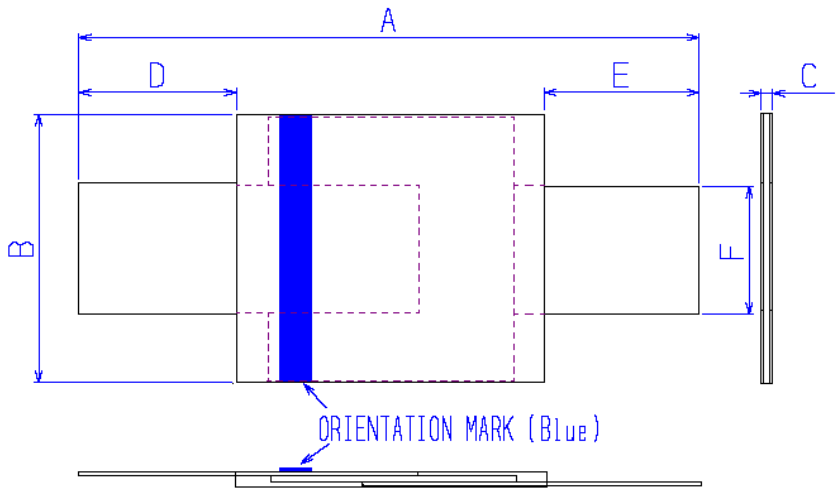

TABLE I. DIMENSIONS:

	A		B		C		D		E		F		G	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	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								TIME TO TRIP		REFERENCE RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE		TRIPPED-STATE POWER DISSIPATION	
AMPS 20°C HOLD	AMPS AT 0°C		AMPS AT 20°C		AMPS AT 60°C		AMPS AT 80°C		SECONDS AT 20°C, 20 A		OHMS AT 20°C		OHMS AT 20°C		WATTS AT 20°C, 15V	
	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
Directive 2002/95/EC Compliant

ELV Compliant
Directive 2000/53/EC Compliant

Pb-Free

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