

Specification Status: Released
Electrical Rating

Voltage: 30V MAX

Current: 100A MAX

Chip Size: 13.1 X 11.9 mm

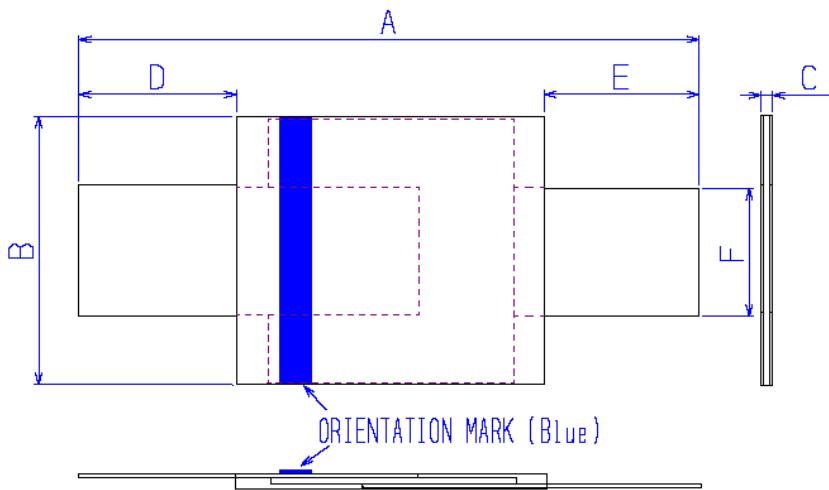
 Leads: Nickel 1/4H
 0.125mm nominal thickness

 Tape: Polyester (White)
 15.5mm Width

Solder: Lead-free

 Marking: (Color: Green)
 Manufacturer's Mark

 — Part Identification

 — Lot Identification

TABLE I. DIMENSIONS:

mm:	A		B		C		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						TIME TO TRIP		REFERENCE RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE		TRIPPED-STATE POWER DISSIPATION	
	AMPS 20°C HOLD	AMPS AT 0°C HOLD	AMPS AT 20°C HOLD	AMPS AT 60°C HOLD	AMPS AT 80°C HOLD	AMPS AT 80°C TRIP	SECONDS AT 20°C, 20 A TYP	SECONDS AT 20°C, 20 A MAX	OHMS AT 20°C MIN	OHMS AT 20°C MAX	WATTS AT 20°C, 15V TYP	WATTS AT 20°C, 15V 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

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




PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: SRP350F

DOCUMENT: SCD25489

PCN: F81926

REV LETTER: E

REV DATE: JULY 26, 2016

PAGE NO.: 2 OF 2

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