

Specification Status: Released

Electrical Rating

Voltage: 15V MAX
Current: 100A MAX

Chip Size: 5x7mm

Leads: Nickel 1/4H
 0.125mm nominal thickness

Tape: Polyester(White)
 8mm Width

Solder: Lead-free

Lot Marking Ink Color (Green)

Marking:

— Manufacturer's Mark
 — Part Identification
 — Lot Identification

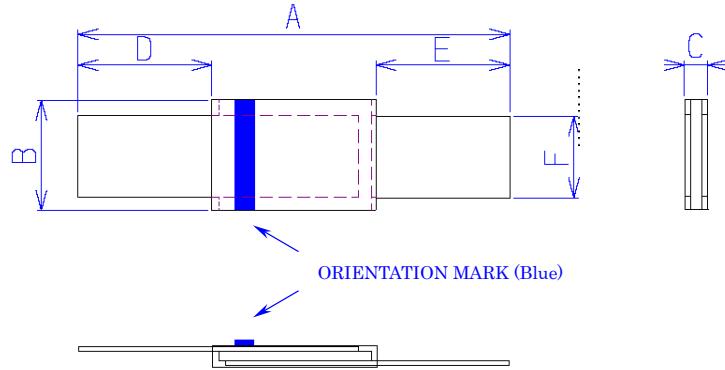


TABLE I. DIMENSIONS:

mm: in*:	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
19.9 (0.78)	22.1 (0.87)	4.9 (0.19)	5.2 (0.20)	0.6 (0.02)	1.0 (0.04)	5.5 (0.22)	7.5 (0.30)	5.5 (0.22)	7.5 (0.30)	3.9 (0.15)	4.1 (0.16)	

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS: As measured in Muller 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 60°C TRIP	SECONDS AT 20°C, 6.0A TYP	OHMS AT 20°C MIN	OHMS AT 20°C MAX	WATTS AT 20°C, 15V TYP	WATTS AT 20°C, 15V MAX				
1.2	1.5	3.1	1.2	2.7	0.8	1.8	--	5	0.085	0.160	0.085	0.220	--	1.2

Agency Recognition:

UL, TUV, CSA

Reference Document:

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





Expertise Applied | Answers Delivered

**PolySwitch®
PTC Devices**
Overcurrent Protection Device

PRODUCT: SRP120F

DOCUMENT: SCD25907

REV LETTER: E

REV DATE: JULY 26, 2016

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