

Specification Status: Released

Electrical Rating
Voltage: 15V MAX
Current: 100A MAX

Chip Size: 5x7mm

Leads: Nickel 1/4H
 0.125mm nominal thickness

Type: Polyester(White)
 8mm Width

Solder: Lead-free

Lot Marking Ink Color (Green)

Marking:

- Manufacturer's Mark
- XX 120 — Part Identification
- — Lot Identification

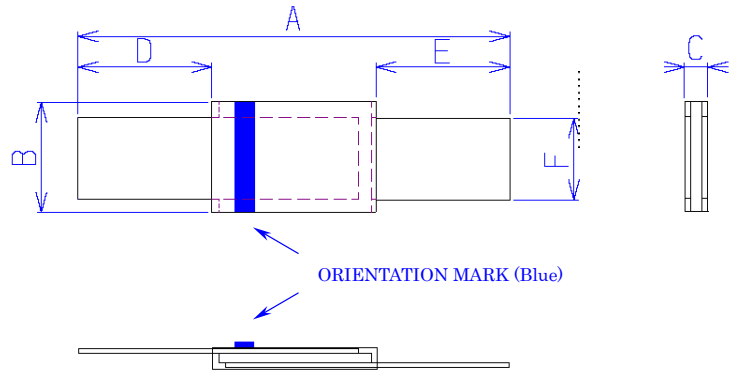


TABLE I. DIMENSIONS:

	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	19.9	22.1	4.9	5.2	0.6	1.0	5.5	7.5	5.5	7.5	3.9	4.1
in*:	(0.78)	(0.87)	(0.19)	(0.20)	(0.02)	(0.04)	(0.22)	(0.30)	(0.22)	(0.30)	(0.15)	(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 AT 0°C HOLD		AMPS AT 20°C HOLD		AMPS AT 60°C HOLD		SECONDS AT 20°C, 6.0A TYP		OHMS AT 20°C MIN		OHMS AT 20°C MIN		WATTS AT 20°C, 15V TYP	
	1.5	3.1	1.2	2.7	0.8	1.8	--	5	0.085	0.160	0.085	0.220	--	1.2
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
PAGE NO.: 2 OF 2

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