

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
XX 120 — Part Identification
□□□□ — Lot Identification

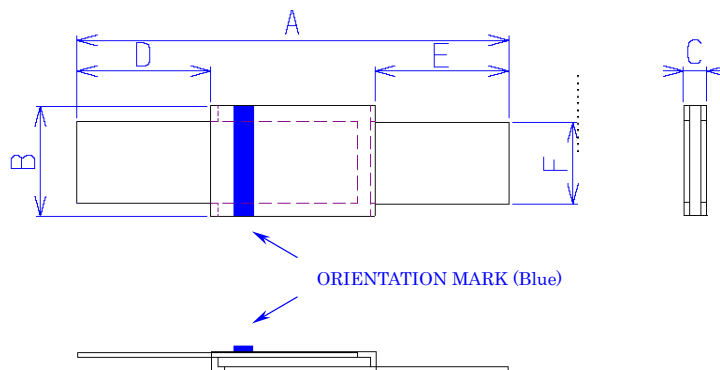


TABLE I. DIMENSIONS:

	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 20°C HOLD	AMPS AT 0°C HOLD	AMPS AT 20°C TRIP	AMPS AT 60°C HOLD	AMPS AT 60°C TRIP	AMPS AT 60°C HOLD	AMPS AT 60°C TRIP	SECONDS AT 20°C, 6.0A TYP MAX	OHMS AT 20°C MIN MAX	OHMS AT 20°C MIN MAX	WATTS AT 20°C, 15V TYP 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
PAGE NO.: 2 OF 2

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