

**Specification Status: Released**

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

Chip Size: 5x7mm

Leads: Nickel 1/4H  
 0.125mm nominal thickness

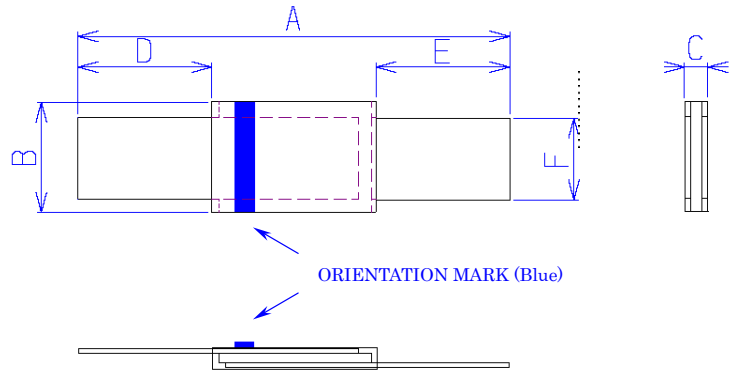
Tape: Polyester(White)  
 8mm Width

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 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														

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**



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# 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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