

**Tyco / Electronics**  
**Raychem Circuit Protection**  
 308 Constitution Drive  
 Menlo Park, CA 94025-1164  
 Phone: 800-227-4856  
 Fax: 800-227-4866

**PolySwitch®**  
**PTC Devices**  
 Overcurrent Protection Device

**PRODUCT: SRP120**

DOCUMENT: SCD 22673  
 PCN: 557983  
 REV LETTER: I  
 REV DATE: SEPTEMBER 6, 2002  
 PAGE NO.: 1 OF 1

**Specification Status: Released**

**Electrical Rating**

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

**Leads:**

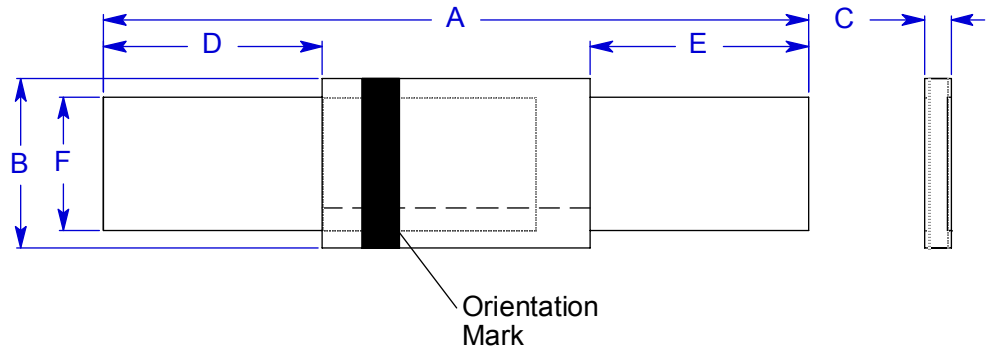
Nickel: 0.125 mm Nominal Thickness

**Tape:**

Polyester

**Marking:**

- Manufacturer's Mark
- ⊗ 120 — Part Identification
- □ □ □ — Lot Identification



**TABLE I. DIMENSIONS:**

	A		B		C		D		E		F		G	
	MIN	MAX	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:**

I HOLD	CURRENT TRIP LIMITS								TIME TO TRIP	REFERENCE RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE		TRIPPED-STATE POWER DISSIPATION
	AMPS AT 0°C		AMPS AT 20°C		AMPS AT 60°C		AMPS AT 80°C			OHMS AT 20°C		OHMS AT 20°C		
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	SECONDS AT 20°C, 6.0 A MAX	MIN	MAX	MIN	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

Reference Documents:  
 Precedence:  
 Effectivity:  
 CAUTION:

PS300  
 This specification takes precedence over documents referenced herein.  
 Reference documents shall be the issue in effect on the date of invitation for bid.  
 Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.