

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

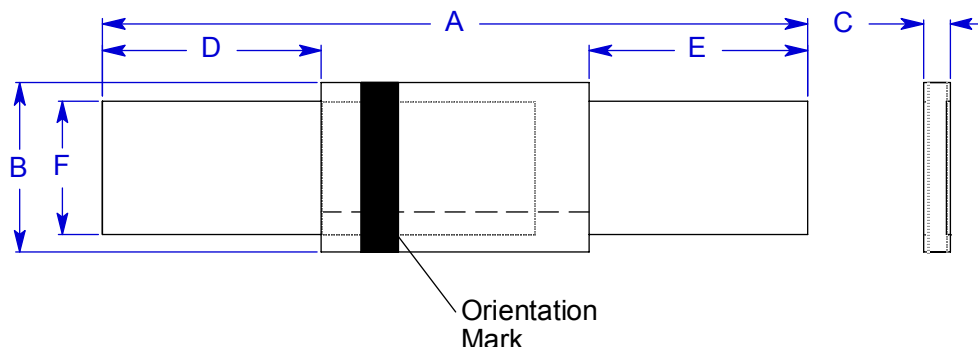


TABLE I. DIMENSIONS:

	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.