



THE DATASHEET OF SRP120



Tyco / Electronics
Raychem Circuit Protection
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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

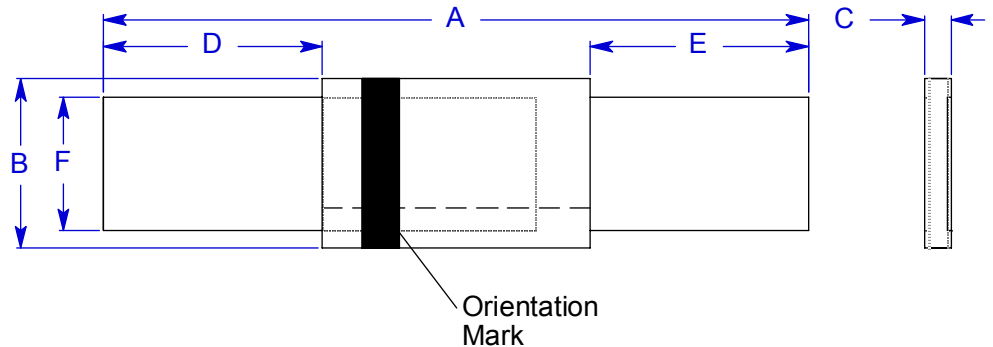


TABLE I. DIMENSIONS:

	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:

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.

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