

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

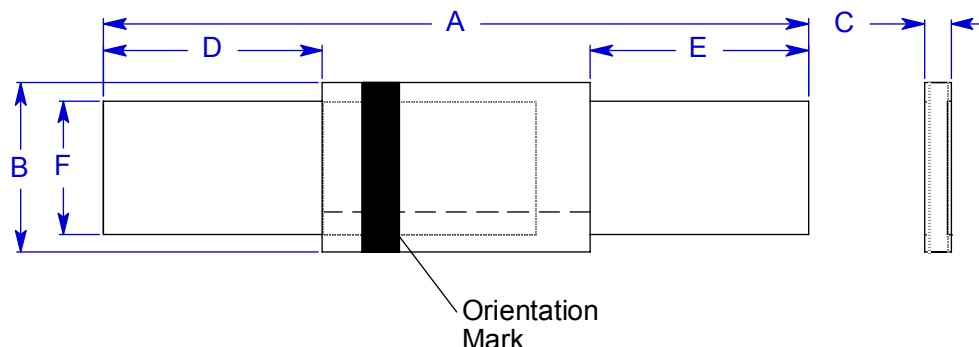


TABLE I. DIMENSIONS:

	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 20°C HOLD		AMPS AT 0°C HOLD TRIP		AMPS AT 20°C HOLD TRIP		AMPS AT 60°C HOLD TRIP			AMPS AT 80°C HOLD TRIP		SECONDS AT 20°C, 6.0 A MAX			OHMS AT 20°C MIN MAX		OHMS AT 20°C 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.

Mouser Electronics

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