

Raychem Circuit Protection

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RAYCHEM**PolySwitch®****PTC Devices****Overcurrent Protection Device****PRODUCT: LR4-170U**

DOCUMENT: SCD 23975
PCN: 830683
REV LETTER: C
REV DATE: OCTOBER 25, 2000
PAGE NO.: 1 OF 1

Specification Status: Released**Electrical Rating****Voltage: 15V_{dc} MAX****Current: 100A MAX**

Leads:

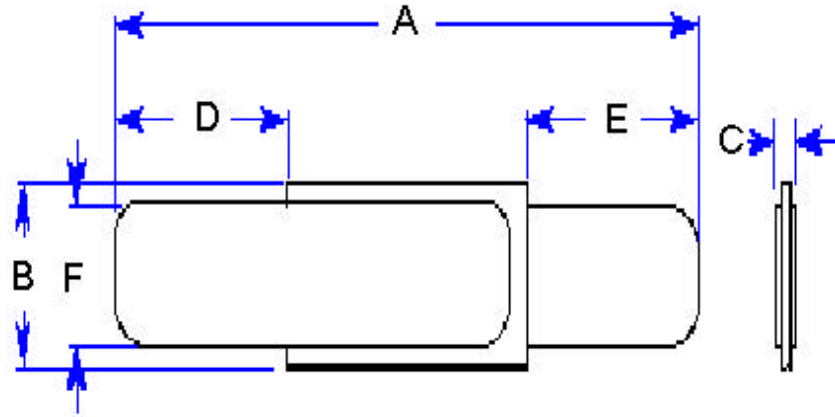
Nickel: 0.125 mm nom.

Tape:

None

Marking:

None

**TABLE I. DIMENSIONS:**

	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	19.0	21.0	3.8	4.0	0.5	0.7	5.3	6.5	5.3	6.5	2.9	3.1
in*:	(0.75)	(0.83)	(0.15)	(0.16)	(0.02)	(0.03)	(0.21)	(0.26)	(0.21)	(0.26)	(0.11)	(0.12)

*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, 8.5 A TYP MAX		OHMS AT 20°C MIN MAX		OHMS AT 20°C MIN MAX		WATTS AT 20°C, 15V MAX
1.7	2.0	4.0	1.7	3.4	1.2	2.5	--	--	--	5.0	0.044	0.078	0.044	0.114	2.0

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.