

Raychem Corporation

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R

PolySwitch®

PTC Devices

Overcurrent Protection Device

PRODUCT: RUSB120

DOCUMENT: SCD 23945

PCN: 643505

REV LETTER: F

REV DATE: NOVEMBER 16, 1999

PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating

Voltage: 6V_{DC} MAX

Current: 40A MAX

INSULATING MATERIAL:

Cured, Flame Retarded
Exopy Polymer meets
UL 94 V-O Requirements

LEAD MATERIAL:

24 AWG Tin Lead plated Nickel
Copper Alloy

Marking:

XX ——— Raychem

R120 ——— Part Identification

□□□□ ——— Lot Identification
(can be on back)

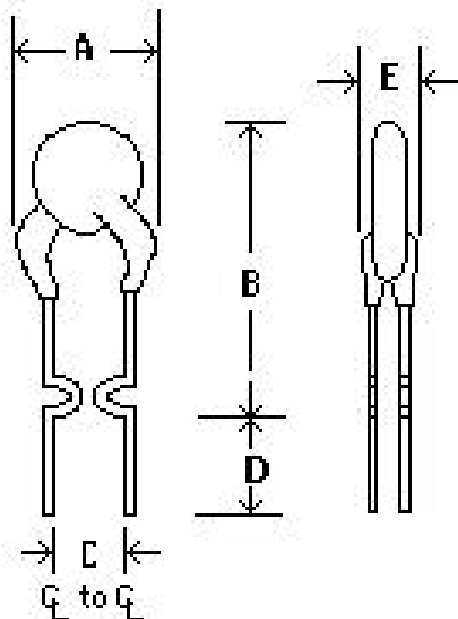


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	--	6.9	--	11.7	4.3	5.9	7.6	--	--	3.1	--
in*:	--	(0.27)	--	(0.46)	(0.17)	(0.23)	(0.30)	--	--	(0.12)	--

TABLE II. PERFORMANCE RATINGS :

I* HOLD RATED CURRENT	CURRENT RATINGS		INITIAL RESISTANCE VALUES		ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	MAXIMUM* TIME TO TRIP @ 8A	NOMINAL* TRIPPED POWER DISSIP. @ 6VDC
AMPERES AT 20°C HOLD	AMPERES AT 20°C HOLD	TRIP	OHMS AT 20°C MIN	OHMS AT 20°C TYP	OHMS AT 20°C MAX	SECONDS AT 20°C	WATTS AT 20°C
1.2	1.2	2	0.065	0.08	0.14	0.5	0.6

*Values specified were determined using PCB's with .030" x 1 ounce copper traces.

Agency Recognition:

UL, CSA, TUV approved.

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.