

Tyco Electronics
Raychem Circuit Protection
 308 Constitution Drive
 Menlo Park, CA 94025-1164
 800-227-4856
 FAX 800-227-4866

PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: BBR550US

DOCUMENT: SCD 24491
 PCN: 452533
 REV LETTER: E
 REV DATE: MAY 16, 2002
 PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating

Voltage: 99V_{AC} MAX
Current: 20A MAX

Insulating Material:
 None

Lead Material:
 20 AWG Tin/Lead Plated Copper

Marking:
 None

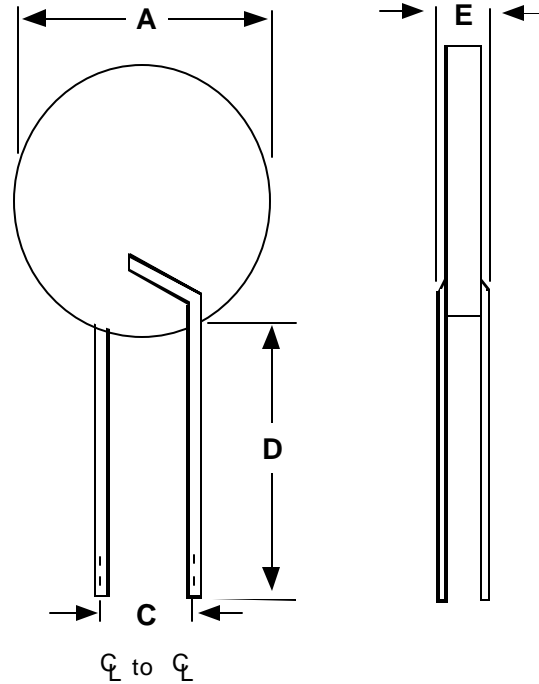


TABLE I. DIMENSIONS:

	A		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	10.2	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.40)	(0.17)	(0.23)	(0.30)	--	--	(0.12)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT RATINGS						TIME TO TRIP	RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	NOMINAL TRIPPED POWER DISSIPATION
	AMPS AT 0°C		AMPS AT 20°C		AMPS AT 60°C			OHMS AT 20°C			
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	SECONDS AT 20°C, 1.6A MAX	MIN	MAX	OHMS AT 20°C MAX	WATTS AT 20°C
0.35	0.65	1.3	0.55	1.1	0.35	0.79	60	0.8	1.30	1.95	2.0

Agency Recognitions: UL, CSA Recognized.
 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.