

Tyco / Electronics
Raychem Circuit Protection
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PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: BBRF550S


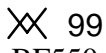
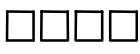
DOCUMENT: SCD 25840
 PCN: D06997
 REV LETTER: B
 REV DATE: APRIL 15, 2005
 PAGE NO.: 1 OF 1

Specification Status: Released

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

Insulating Material:
 Cured, Flame Retardant Epoxy Polymer
 meets UL94 V-0 Requirements

Lead Material:
 20 AWG Tin Plated Copper

Marking:
 Raychem Logo and Voltage
 99
 BF550 — Part Identification
 Lot Identification (can be on back)

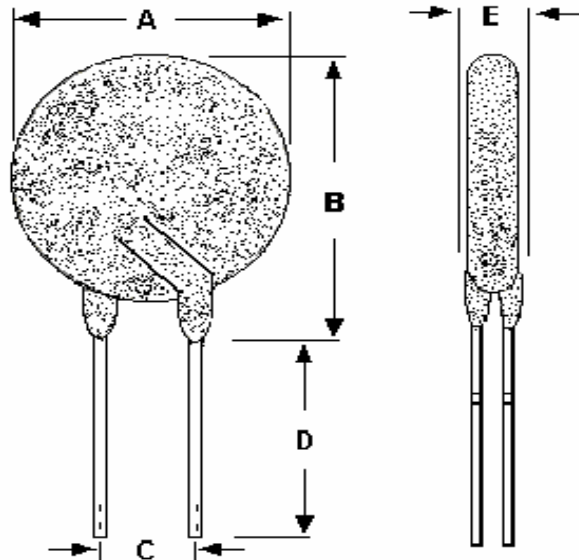


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	10.9	--	14.4	4.3	5.8	2.4	--	--	3.6
in*:	--	(0.43)	--	(0.57)	(0.17)	(0.23)	(0.09)	--	--	(0.14)

*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 20°C HOLD	AMPS AT 0°C HOLD	AMPS AT 20°C TRIP	AMPS AT 60°C HOLD	AMPS AT 60°C TRIP	SECONDS AT 20°C, 1.6A MAX		OHMS AT 20°C MIN	OHMS AT 20°C MAX		
0.55	0.65	1.3	0.55	1.1	0.35	0.79	60	0.8	1.30	1.95	1.5

Agency Recognitions:
 Reference Documents:
 Precedence:
 Effectivity:
 CAUTION:

UL, CSA
 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.

Materials Information
ROHS Compliant

ELV Compliant

Pb-Free

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant

