

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




PRODUCT: BBRF550
 DOCUMENT: SCD 25735
 PCN: E04718
 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)

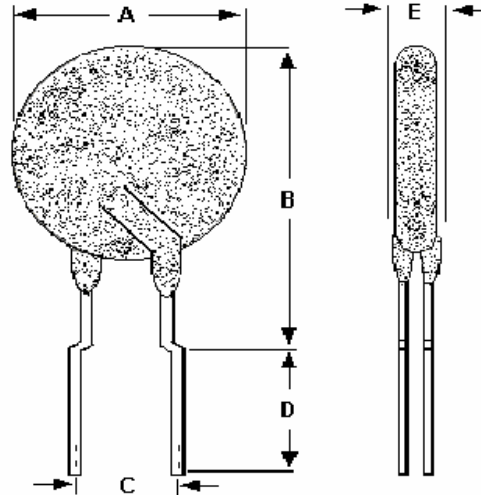


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MAX	MAX
mm:	--	10.9	--	14.0	4.3	5.8	7.6	--	--	3.6
in*:	--	(0.43)	--	(0.55)	(0.17)	(0.23)	(0.30)	--	--	(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	AMPS AT 0°C	AMPS AT 20°C	AMPS AT 60°C	SECONDS AT 20°C, 1.6A MAX	OHMS AT 20°C		OHMS AT 20°C	WATTS AT 20°C			
	HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MIN	MAX	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: UL, CSA .
 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

Materials Information

ROHS Compliant ELV Compliant Pb-Free

Directive 2002/95/EC
 Compliant

Directive 2000/53/EC
 Compliant

