

Tyco / Electronics
Raychem Circuit Protection
 308 Constitution Drive
 Menlo Park, CA 94025-1164
 Phone: 800-227-4856
 Fax: 800-227-4866

PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: BBRF750

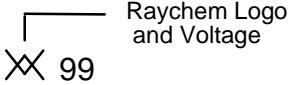
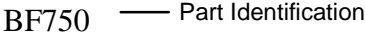
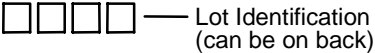
DOCUMENT: SCD 25747
 PCN: F53279
 REV LETTER: B
 REV DATE: APRIL 15, 2005
 PAGE NO.: 1 OF 1

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
 Part Identification
 Lot Identification (can be on back)

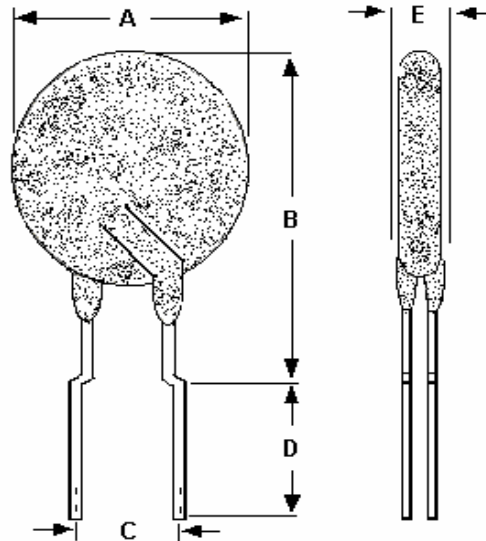


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MAX	MAX
mm:	--	11.9	--	15.5	4.3	5.8	7.6	--	--	3.6
in*:	--	(0.47)	--	(0.61)	(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 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, 2.0A MAX		OHMS AT 20°C MIN	OHMS AT 20°C MAX		
0.75	0.88	1.80	0.75	1.50	0.49	1.0	60	0.40	0.75	1.2	1.5

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.

Materials Information

ROHS Compliant **ELV Compliant** **Pb-Free**

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant

