

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

PRODUCT: RGEF400K
 DOCUMENT: SCD 25636
 PCN: E90664
 REV LETTER: B
 REV DATE: JUNE 29, 2005
 PAGE NO: 1 OF 1

Specification Status: Released

Electrical Rating

Voltage: 16V MAX
Current: 100A MAX

Insulating Material:

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

Lead Material:

20 AWG Tin Plated Copper
 (0.81mm [0.032] nom. diameter)

Marking:

- Raychem Logo and Voltage
- ⊗ 16
- GF400 — Part Identification
- □ □ □ — Lot Identification (can be on back)

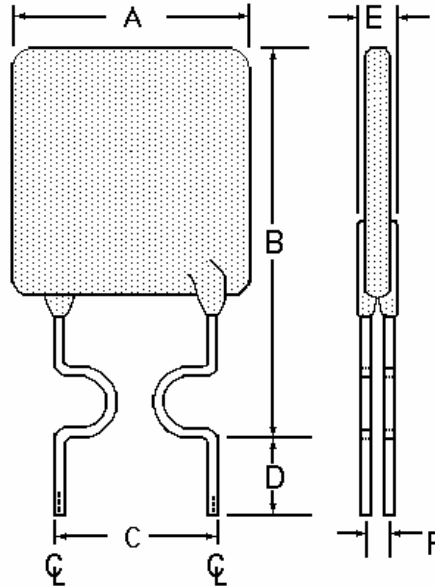


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	7.9	8.9	-	15.4	4.3	5.8	7.6	-	2.0	3.0	1.2
in*:	(0.31)	(0.35)	-	(0.61)	(0.17)	(0.23)	(0.3)	-	(0.08)	(0.12)	(0.05)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD RATED CURRENT	CURRENT RATINGS		INITIAL RESISTANCE VALUES		TIME TO TRIP	R ₁ MAX 1 HR. POST TRIP RESISTANCE STANDARD TRIP	TRIPPED-STATE POWER DISSIPATION
	AMPS AT 25°C HOLD	AMPS AT 25°C TRIP	OHMS AT 25°C		SECONDS AT 25°C, 20A MAX	OHMS AT 25°C MAX	WATTS AT 25°C TYP
4.0	4.0	6.8	MIN	MAX	1.7	0.0600	2.4
			0.0210	0.0390			

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

UL, CSA, TUV.
 PS300
 This specification takes precedence over documents referenced herein.
 Reference documents shall be the issue in effect on the date of invitation or 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

