

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[TE Connectivity Raychem Circuit Protection
RGEF1000K](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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: RGEF1000

DOCUMENT: SCD 25199
PCN: C35183
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

Marking:

Raychem Logo
and Voltage
X 16
GF1000 — Part Identification
□□□□ — Lot Identification
(can be on back)

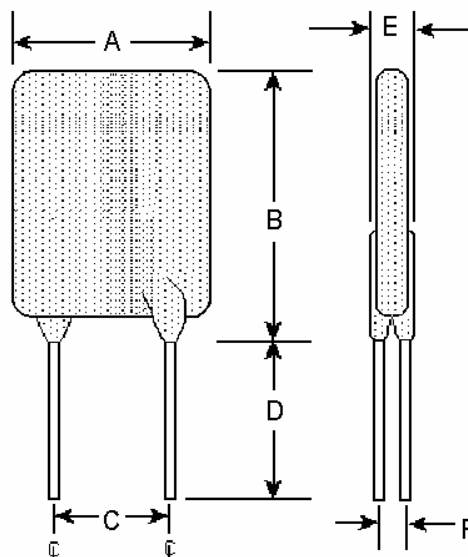


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
mm:	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
	15.5	16.5	21.1	25.2	4.3	5.8	7.6	--	2.0	3.0	1.2
in*:	(0.61)	(0.65)	(0.83)	(0.99)	(0.17)	(0.23)	(0.30)	--	(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 HOLD	AMPS AT 25°C TRIP	OHMS AT 25°C MIN	OHMS AT 25°C MAX	SECONDS AT 25°C, 50.0 A MAX	OHMS AT 25°C MAX	WATTS AT 25°C TYP
10.0	10.0	17.0	0.0040	0.0070	6.0	0.0102	3.6

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 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

