

308 Constitution Drive Menlo Park, CA USA www.circuitprotection.com

PolySwitch® **PTC Devices**

Overcurrent Protection Device

PRODUCT: RGEF1000

DOCUMENT: SCD25199 **REV LETTER: F** REV DATE: MARCH 04, 2013 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:

Manufacturer's Mark

X G10 and Part Identification

Lot Identification

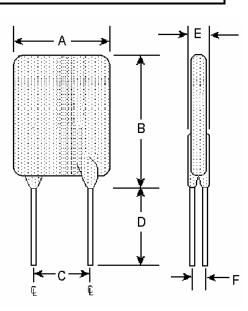


TABLE I. DIMENSIONS:

	Α		В		С		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:		16.5	21.1	25.2	4.3	5.8	7.6		2.0	3.0	1.2
in*:	-	(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	CURF RATI		RESIS	TAL TANCE UES	TIME TO TRIP	R _{1 MAX} 1 HR. POST TRIP RESISTANCE STANDARD TRIP	TRIPPED- STATE POWER DISSIPATION
AMPS	AMPS		OHMS		SECONDS AT	OHMS	WATTS
AT 25°C AT 25°C		AT 25°C		25°C, 50.0 A	AT 25°C	AT 25°C	
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	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

Halogen Free*









* Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.

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