

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RGEF1400

DOCUMENT: SCD25202

REV LETTER: F

REV DATE: JULY 26, 2016

PAGE NO.: 1 OF 2

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:

18 AWG Tin Plated Copper (1.0mm [0.040] nom. diameter)

Marking:

Manufacturer's Mark

XX G14 and Part Identification



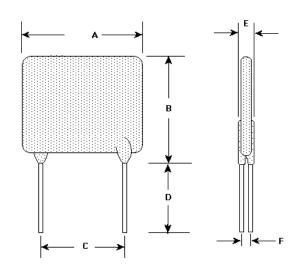


TABLE I. DIMENSIONS:

mm in*:

Α		В		С		D		Е		F
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
	23.5	22.6	27.9	9.4	10.9	7.6		2.3	3.5	1.4
	(0.925)	(0.89)	(1.10)	(0.37)	(0.43)	(0.30)		(0.09)	(0.14)	(0.06)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD RATED CURRENT	CURRENT RATINGS		RESIS	TIAL STANCE LUES	TIME TO TRIP	R _{1 MAX} 1 HR. POST TRIP RESISTANCE STANDARD TRIP	TRIPPED- STATE POWER DISSIPATION
AMPS	AMPS		OH	HMS	SECONDS AT	OHMS	WATTS
AT 25°C	AT 25°C		AT	25°C	25°C, 70A	AT 25°C	AT 25°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	TYP
14.0	14.0	23.8	0.0026	0.0043	9.0	0.0064	4.6

Agency Recognitions: UL, CSA, TUV. 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

Halogen Free*

Directive 2002/95/EC Compliant Directive 2000/53/EC Compliant





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



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