

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: RXEF135-1

DOCUMENT: SCD26864
REV LETTER: F
REV DATE: SEPTEMBER 26, 2014
PAGE NO.: 1 OF 1

Specification Status: Released

Electrical Rating

Voltage: 72 V max (AC or DC)

Current: 40 A max (AC or DC)

Insulating Material:

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

Lead Material:

20 AWG Tin Plated Copper

Marking:

— Manufacturer's Mark
XX X135 and Part Identification

□ □ □ □ — Lot Identification

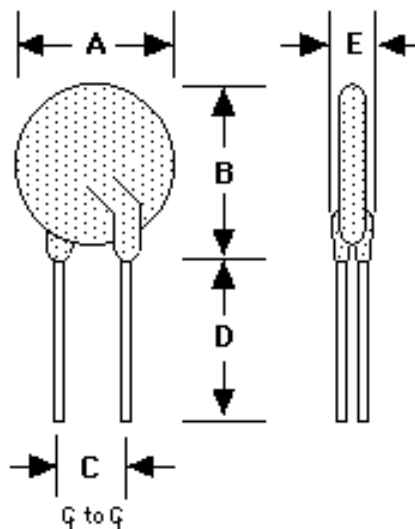


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	14.5	--	19.1	4.3	5.8	25.4	--	--	3.0
in*:	--	(0.57)	--	(0.75)	(0.17)	(0.23)	(1.0)	--	--	(0.12)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD RATED CURRENT	CURRENT RATINGS		INITIAL RESISTANCE VALUES		TIME TO TRIP	ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED- STATE POWER DISSIPATION	
AMPERES AT 20°C HOLD	AMPERES AT 20°C HOLD	AMPERES AT 20°C TRIP	OHMS AT 20°C MIN	OHMS AT 20°C MAX	SECONDS AT 20°C, 6.75A MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL	WATTS AT 20°C MAX
1.35	1.35	2.70	0.12	0.19	9.6	0.30	1.7	2.51

Recognitions:

UL, CSA, TUV, CQC

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.