

Specification Status: Released
Electrical Rating

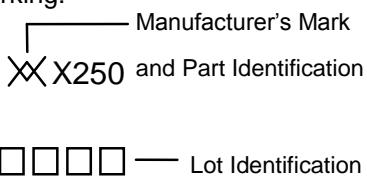
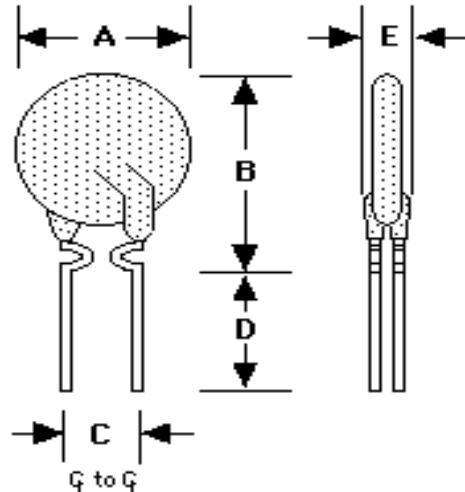
 Voltage: 72 V max (AC or DC)
 Current: 40 A max (AC or DC)

Insulating Material:

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

Lead Material:

20 AWG Tin Plated Copper

Marking:

 Manufacturer's Mark
 X250 and Part Identification
 Lot Identification

TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	19.93	--	26.2	9.4	10.9	7.6	--	--	3.0
in*:	--	(0.785)	--	(1.03)	(0.37)	(0.43)	(0.30)	--	--	(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		OHMS AT 20°C		SECONDS AT 20°C, 12.5A MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL	WATTS AT 20°C MAX		
2.50	2.50	5.00	0.05	0.08	15.6	0.13	2.5	3.38		

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.



PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: RXEF250K

DOCUMENT: SCD27211
REV LETTER: D
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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