

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RXEF020S

 DOCUMENT: SCD26521
 REV LETTER: E
 REV DATE: FEBRUARY 06, 2012
 PAGE NO.: 1 OF 1

Specification Status: Released

Electrical Rating

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

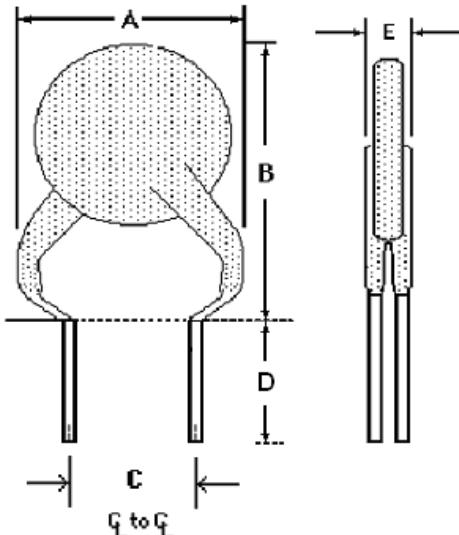
Insulating Material:

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

Lead Material:

24 AWG Tin Plated Copper Clad Steel

Marking:
 Manufacturer's Mark
 X20 and Part Identification

 Lot Identification

TABLE I. DIMENSIONS:

mm: in*	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
--	8.9	--	11.2	4.3	5.8	7.6	--	--	--	3.0
--	(0.35)	--	(0.44)	(0.17)	(0.23)	(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, 1.0A MAX		OHMS AT 20°C NOMINAL	WATTS AT 20°C NOMINAL	WATTS AT 20°C MAX	
0.20	0.20	0.40	1.83	2.75	2.2		4.40	0.41	0.64	

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.