

**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

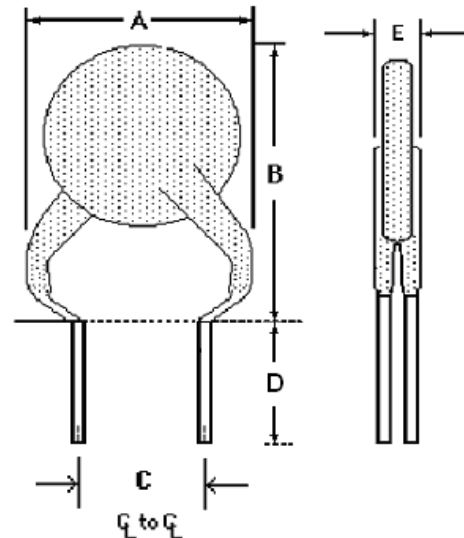
**Lead Material:**

24 AWG Tin Plated Copper Clad Steel

**Marking:**

— Manufacturer's Mark  
XX X20 and Part Identification

□ □ □ □ — Lot Identification



**TABLE I. DIMENSIONS:**

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	8.9	--	11.2	4.3	5.8	7.6	--	--	3.0
in*:	--	(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	AMPERES AT 20°C TRIP	OHMS AT 20°C MIN	OHMS AT 20°C MAX	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:  
Reference Documents:  
Precedence:

UL, CSA, TUV  
PS300

Effectivity:

This specification takes precedence over documents referenced herein.

CAUTION:

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\*

Directive 2002/95/EC  
Compliant

Directive 2000/53/EC  
Compliant



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