

# PolySwitch® PTC Devices Overcurrent Protection Device

PRODUCT: RUEF250U

DOCUMENT: SCD25465  
REV LETTER: G  
REV DATE: FEBRUARY 02, 2012  
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## Specification Status: Released

### Electrical Rating

Voltage: 30V MAX  
Current: 100A MAX

### Insulating Material:

None

### Lead Material:

20 AWG Tin Plated Copper

### Marking:

None

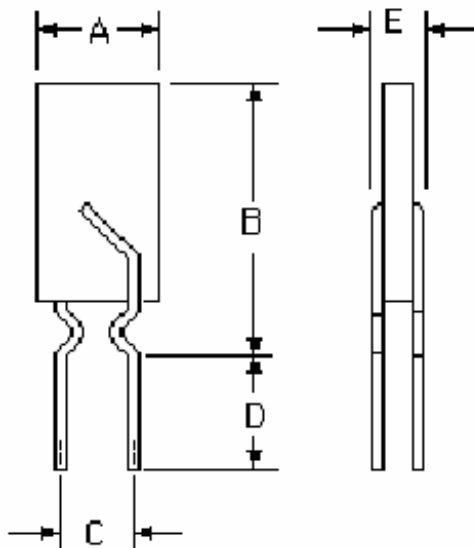


TABLE I. DIMENSIONS:

	A		B		C	D	E	
	MIN	MAX	MIN	MAX	TYPICAL	MIN	MIN	MAX
mm:	7.1	8.1	15.0	16.3	5.0	7.6	--	2.8
in*:	(0.28)	(0.32)	(0.59)	(0.64)	(0.2)	(0.3)	--	(0.11)

\*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT RATINGS				TIME TO TRIP	RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED POWER DISSIPATION	
AMPS 20°C HOLD	AMPS AT 20°C HOLD	AMPS AT 50°C TRIP	AMPS AT 50°C HOLD	AMPS AT 50°C TRIP	SECONDS AT 20°C, 8A MAX	OHMS AT 20°C MIN MAX		OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL	WATTS AT 20°C MAX
2.5	2.5	4.9	2.0	3.7	5.0	0.031	0.044	0.080	1.75	2.05

Agency Recognitions  
Reference Documents:

Precedence:

Effectivity:

CAUTION:

UL, CSA, TUV  
PS300

This specification takes precedence over documents referenced herein.

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

Directive 2002/95/EC  
Compliant

Directive 2000/53/EC  
Compliant

