

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: RUEF250U

DOCUMENT: SCD25465
REV LETTER: G
REV DATE: FEBRUARY 02, 2012
PAGE NO.: 1 OF 1

Specification Status: Released

Electrical Rating

Voltage: 30V MAX
Current: 100A MAX

Insulating Material:
None

Lead Material:
20 AWG Tin Plated Copper

Marking:
None

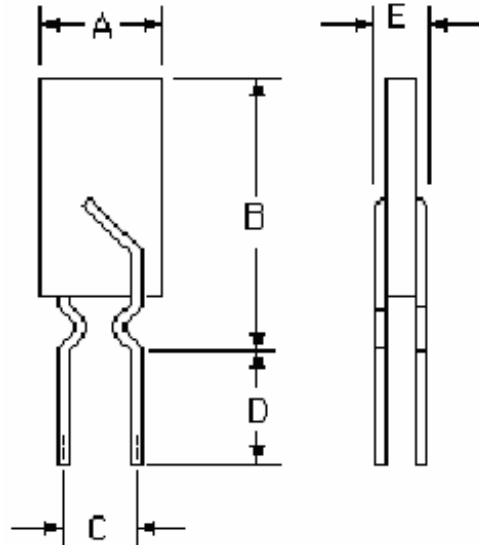


TABLE I. DIMENSIONS:

	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		OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL	WATTS AT 20°C MAX
						MIN	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

