

**Specification Status: Released**

**Electrical Rating**

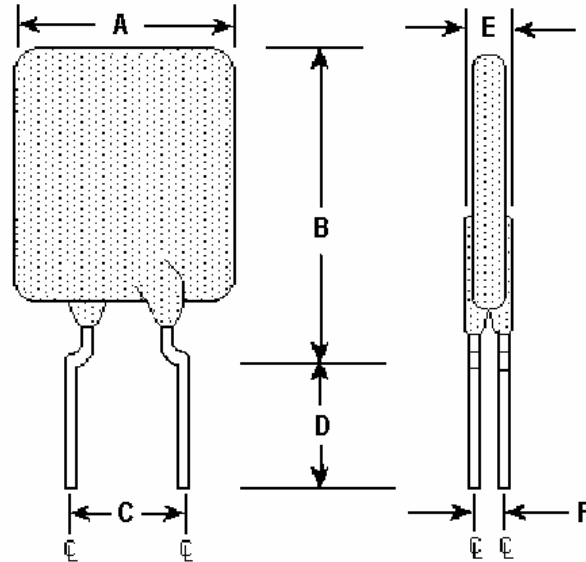
**Voltage: 16V MAX**  
**Current: 100A MAX**

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

Lead Material:  
20 AWG Tin Plated Copper  
(0.8 mm [0.032] nom. diameter)

Marking:  
— Manufacturer's Mark  
XX H7.5 and Part Identification

□□□□ — Lot Identification



**TABLE I. DIMENSIONS:**

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	--	14.0	--	23.5	4.3	5.8	7.6	--	--	3.0	1.2
in*:	--	(0.55)	--	(0.93)	(0.17)	(0.23)	(0.30)	--	--	(0.12)	(0.05)

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

I HOLD RATED CURRENT	CURRENT RATINGS		TIME TO TRIP	INITIAL RESISTANCE VALUES		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	NOMINAL TRIPPED POWER DISSIPATION
AMPS AT 25°C HOLD	AMPS AT 25°C HOLD	AMPS AT 25°C TRIP	SECONDS AT 25°C, 37.5A MAX	OHMS AT 25°C MIN	OHMS AT 25°C MAX	OHMS AT 25°C MAX	WATTS AT 25°C 16V TYP
7.5	7.5	13.1	7.0	0.0094	0.0153	0.022	4.5

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.



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**PolySwitch®**  
**PTC Devices**  
Overcurrent Protection Device

**PRODUCT: RHEF750**

DOCUMENT: SCD25208  
REV LETTER: E  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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