

**Specification Status: RELEASED**

**Max Electrical Rating at 20°C**

**Operating Voltage: 100V<sub>DC</sub>**

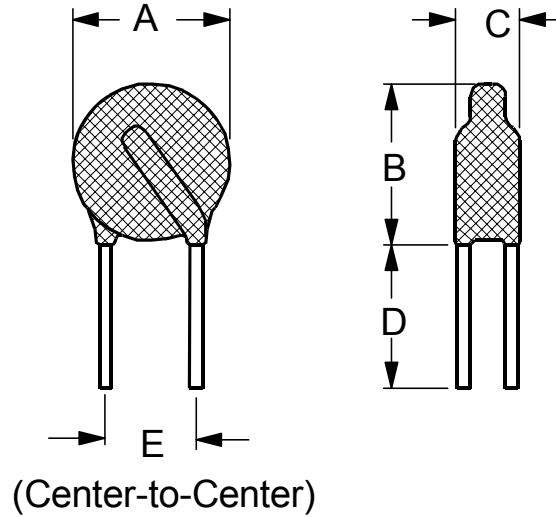
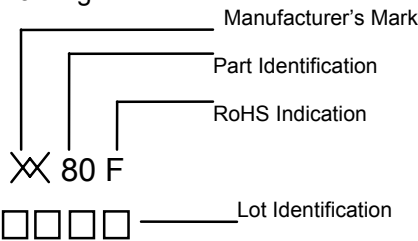
**Interrupt Current: 10A<sub>RMS</sub>**

**Fault Voltage: 250V<sub>RMS</sub>**

**Lead Material: 22 AWG Sn plated copper**  
(0.65 mm [0.026"] nominal diameter)

**External Coating Material: Cured, flame retardant epoxy**  
polymer, meeting UL94 V-0 requirements.

**Marking:**



**Device is to be end of life by June 2009. Please use TRF250-183 series for new programs.**

**TABLE I. DIMENSIONS**

	A		B		C		D		E
	Min	Max	Min	Max	Min	Max	Min	Max	Nom
mm:	--	9.0	--	11.5	--	3.8	4.7	--	5.0
in:	--	(0.354)	--	(0.453)	--	(0.150)	(0.185)	--	(0.197)

**TABLE II. PERFORMANCE RATINGS @ 20°C (unless otherwise noted):**

I <sub>HOLD</sub> (A)	I <sub>TRIP</sub> (A)	RESISTANCE (Ω)			TIME TO TRIP (s) @ 3A		OPERATING TEMPERATURE (°C)	
		R MIN	R MAX	R <sub>1 MAX</sub> *	TYP	MAX	MIN	MAX
0.180	0.650	0.8	2.2	4.0	0.5	2.0	-40	85

\* Maximum device resistance at 20°C measured 1 hour post trip.

Additional Ratings @ 20°C  
Lightning Withstand:

ITU-T @ 1.5kV

Agency Recognitions:  
Reference Documents:  
Precedence:

UL, CSA, TUV  
PS300

Effectivity:  
CAUTION:

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.

**ROHS Compliant**

**ELV Compliant**

**Pb-Free**

