

## **PolySwitch**® **PTC Devices**

**Overcurrent Protection Device** 

### PRODUCT: TRF250-120T-RC-B-0.5

D

DOCUMENT: SCD26438 REV LETTER: D **REV DATE: JULY 26, 2016** PAGE NO.: 1 OF 2

# **Specification Status: RELEASED**

Α

(Center-to-Center)

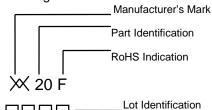
Max Electrical Rating at 20°C Operating Voltage: 60V<sub>DC</sub> Interrupt Current: 3A<sub>RMS</sub>

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:



#### TABLE I. DIMENSIONS:

	Α		В		С		D		E	F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	NOM	MIN	MAX
mm:		6.5		11.0		4.6	4.7		5.0		7.0
in:	-	(0.256)		(0.433)		(0.180)	(0.185)		(0.197)		(0.276)

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

ihold (A)	ITRIP (A)	I	RESISTANCE	(Ω)	TIME TO TRIP (s) @ 1A	) OPERATING TEMPERATURE (°C)	
		R MIN	R MAX	R <sub>1 MAX</sub> *	TYP	MIN	MAX
0.130	0.260	5.4	7.5	14.0	3	-40	85

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

Precedence: Effectivity: CAUTION:	Reference documents s	precedence over documents referenced herein. The final be the issue in effect on the date of invitation for bid. The voltage or current may result in rupture, electrical arcing or flame.
ROHS Compliant	ELV Compliant	Pb-Free
Directive 2002/95/EC Compliant	Directive 2000/53/EC Compliant	(Ph)

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