

Specification Status: Released

Operating Conditions at 20°C:

 Maximum Continuous Operating Voltage (V_{MCO}): 60V_{DC}

 Maximum Interrupt Current (I_{INT}): 3A_{RMS}
Fault Ratings at 20°C:

 250V_{RMS}, 3A, 10 applications

Additional Info at 20°C:

- Resistance matched: 0.5 Ohm
- Lightning withstand:
 - ITU-T K.20, K21 - 1.0 kV
- Helps equipment meet ITU-T K.20 Recommendations
- Helps equipment meet Telcordia GR1089 intrabuilding requirements

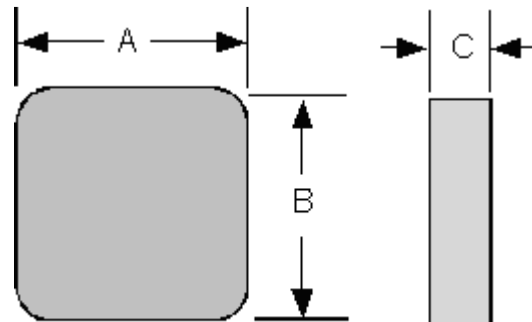

Marking:

TABLE I. DIMENSIONS:

	A		B		C	
	MIN	MAX	MIN	MAX	MIN	MAX
mm:	4.6	4.9	4.6	4.9	2.0	2.3
in:*	(0.184)	(0.192)	(0.184)	(0.192)	(0.079)	(0.091)

*Rounded off approximation.

TABLE II. PERFORMANCE RATINGS @ 20°C, unless otherwise noted (as measured in test board # T2978):

HOLD CURRENT* (A) @ 40°C	TRIP CURRENT* (A) @ 40°C	RESISTANCE (Ω)			TIME TO TRIP(Sec) @ 1A		OPERATING TEMPERATURE (°C)		TRIPPED POWER DISSIPATION (W) @ 60V _{DC} *	
		R MIN	R MAX	R _{1MAX} **	TYP	MAX	MIN	MAX	TYP	MAX
0.090	0.150	14.0	18.0	24.0	0.2	0.4	-40	85	0.7	0.8

* Dependent on Heat Sinking of Mounting Fixture.

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

TABLE III. APPLICABLE PART DESCRIPTIONS:

PART DESCRIPTION	PACKAGING TYPE	NOTES
TCF250-100T-B-0.5	Bulk	N/A

 Agency Recognitions:
 Reference Documents:
 Precedence:
 Effectivity:
 CAUTION:

 N/A
 PS300, ITU-T K.20, K.21
 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

 Directive 2002/95/EC
 Compliant

ELV Compliant

 Directive 2000/53/EC
 Compliant

Pb-Free


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