

INDIVIDUAL SPECIFICATION SHEET

Product Name: Polymer PTC DISC Type

Part Number: TD250-1-5

Revision: A



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Rev.	Effective Date	Changed Contents
A	2017-10-14	New release

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PREPARED BY

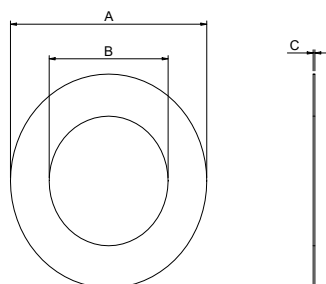
APPROVED BY

Vivian

Linden

Product Introduction

1. Product Dimensions & Outline Drawing & marking (Unit:mm)



Model	A	B	C	◎ Concentricity
	NOR	NOR	NOR	MAX
TD250-1-5	16.3±0.05	10±0.05	0.3±0.03	0.1

2. Electrical Properties

Model	I _H (A)	I _T (A)	V _{max} (V)	I _{max} (A)	T _{trip}		Pd _{typ} (W)	R _{min} (Ω)	R _{max} (Ω)	R1 _{max} (Ω)
					(A)	(S)				
TD250-1-5	2.50	5.00	15	40	10	10	1.00	0.013	0.015	0.030

I_H: Holding Current: maximum current at which the device will not trip in 25°C still air.

I_T: Tripping Current minimum current at which the device will trip in 25°C still air.

V_{max}: Maximum voltage device can withstand without damage at rated current.

I_{max}: Maximum fault current device can withstand without damage at rated voltage.

T_{trip}: Maximum time to trip(s) at assigned current.

Pd_{typ}: Rated working power.

R_{min}: Minimum resistance of device prior to trip at 25°C.

R_{max}: Maximum resistance of device prior to trip at 25°C.

R1_{max}: Maximum resistance of device measured one hour after tripping at 25°C.

3. Environmental Characteristics

Operating/Storage Temperature -40 °C to +85 °C

Storage Conditions +40 °C Max. 70% RH Max. Packed in original packaging.

4. Agency Approvals

- Agency Approvals: UL、CSA
- Regulation/Standard: RoHS, Reach, HF

5. Package information

- Bulk: 2000 pcs/bag