

# INDIVIDUAL SPECIFICATION SHEET

**Product Name:** Polymer PTC DISC Type

**Part Number:** TD250-1-3

**Revision:** A



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

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PREPARED BY

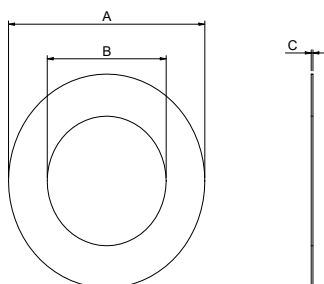
APPROVED BY

*Vivian*

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## Product Introduction

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



Model	A	B	C	◎ Concentricity
		NOR	NOR	NOR
TD250-1-2	16.3±0.05	10±0.05	0.3±0.03	0.1

### 2. Electrical Properties

Model	I <sub>H</sub> (A)	I <sub>T</sub> (A)	V <sub>max</sub> (V)	I <sub>max</sub> (A)	T <sub>trip</sub>		Pd <sub>typ</sub> (W)	R <sub>min</sub> (Ω)	R <sub>max</sub> (Ω)	R1 <sub>max</sub> (Ω)
					(A)	(S)				
TD250-1-3	2.50	5.00	15	40	10	10	1.00	0.012	0.014	0.030

I<sub>H</sub>: Holding Current: maximum current at which the device will not trip in 25°C still air.

I<sub>T</sub>: Tripping Current minimum current at which the device will trip in 25°C still air.

V<sub>max</sub>: Maximum voltage device can withstand without damage at rated current.

I<sub>max</sub>: Maximum fault current device can withstand without damage at rated voltage.

T<sub>trip</sub>: Maximum time to trip(s) at assigned current.

Pd<sub>typ</sub>: Rated working power.

R<sub>min</sub>: Minimum resistance of device prior to trip at 25°C.

R<sub>max</sub>: Maximum resistance of device prior to trip at 25°C.

R1<sub>max</sub>: 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