

# INDIVIDUAL SPECIFICATION SHEET

**Product Name:** Polymer PTC DISC Type

**Part Number:** TD250-1-5

**Revision:** A



**Dongguan TLC Electronic Technology Co., LTD**

No.18,5th GaoLi Road,TangXia Town,DongGuan,GuangDong,P.R China 523710

TEL: 86-0769-3892 0511

FAX: 86-0769-8793 2077

Http: [www.tlcet.com.cn](http://www.tlcet.com.cn)

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

☞ The individual specification sheet are the property of Dongguan TLC electronic technology Co.,Ltd and shall not be copied or used as commercial purposes without permission.

PREPARED BY

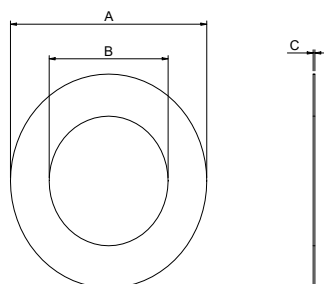
APPROVED BY

*Vivian*

*Linden*

## Product Introduction

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



Model	A	B	C	◎ Concentricity
		NOR	NOR	NOR
TD250-1-5	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)				
TD250-1-5	2.50	5.00	15	40	10	10	1.00	0.013	0.015	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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Resettable Fuses - PPTC category](#):*

*Click to view products by [TLC manufacturer](#):*

Other Similar products are found below :

[0001.1010.G](#) [D38999/20WG39JN](#) [F02B250V1-4AS](#) [9728214S-2\(621\)](#) [RF0627-000](#) [RF2534-000](#) [ASMD185-2](#) [EN2997S61212AN](#)  
[EN2997SE61203AN](#) [BK-ABC-V-5-R](#) [LR4-550RAF](#) [SMD125-2](#) [F60C500V20AS](#) [RF0078-000](#) [RF1548-000](#) [RF1973-000](#) [RF2171-000](#)  
[RF2531-000](#) [RF2533-000](#) [RF2550-000](#) [TR600-150Q-B-0.5-0.130](#) [BK-AGX-20](#) [5E4795/04-1502](#) [EN2997S61212MN](#) [EN2997SE61203MN](#)  
[EN2997SE61212AN](#) [EN2997SE61212MN](#) [BK1/S505-1.25-R](#) [TR-3216FF20-R](#) [TRF250-080T-B-1.0-0.125](#) [JT06RT1832BN014](#) [S-3-2-10](#)  
[SMD100-2](#) [FRN-R-5-6-10](#) [FRS-R-3-2-10](#) [LP-CC-2-1-2](#) [LPS-RK-3-2-10SP](#) [BK-AGC-1-8-R](#) [BK-AGC-2-10-R](#) [BK-AGC-7-1-2](#) [BK-GDC-](#)  
[500MA](#) [BK-MDL-1-6-10-R](#) [BK-SFE-4](#) [BK-ABC-1-R](#) [BK-C518-250-R](#) [BK-GDB-2A](#) [BK-MDL-1-8-R](#) [BK-MDL-6](#) [BK-AGC-5-R](#) [BK-ATC-](#)