

# INDIVIDUAL SPECIFICATION SHEET

**Product Name:** Polymer PTC DISC Type

**Part Number:** TD350 Series

**Revision:** C



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Rev.	Effective Date	Changed Contents
A	2017-6-5	New release
B	2018-10-23	The new models
C	2019-12-9	New model TD350-1-4

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PREPARED BY

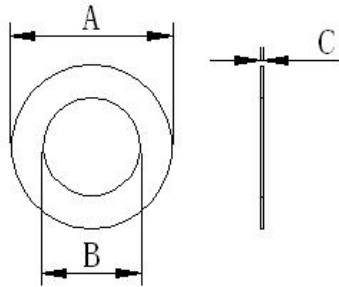
APPROVED BY

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## Product Introduction

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



Model	A	B	C	◎ Concentricity
	NOR	NOR	NOR	MAX
TD350-1	16.5±0.05	10±0.05	0.3±0.03	0.1
TD350-2	16.3±0.05	10±0.05	0.3±0.03	0.1
TD350-3	16.4±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)				
TD350-1	3.50	7.00	15	40	10	<10	2.50	<b>0.008</b>	0.016	0.024
TD350-1-0	3.50	7.00	15	40	10	<10	2.50	0.009	0.011	0.024
TD350-1-1	3.50	7.00	15	40	10	<10	2.50	0.010	0.012	0.024
TD350-1-2	3.50	7.00	15	40	10	<10	2.50	0.012	0.014	0.024
TD350-1-3	3.50	7.00	15	40	10	<10	2.50	0.014	0.016	0.024
<b>TD350-1-4</b>	<b>3.50</b>	<b>7.00</b>	<b>15</b>	<b>40</b>	<b>10</b>	<b>&lt;10</b>	<b>2.50</b>	<b>0.008</b>	<b>0.010</b>	<b>0.024</b>
TD350-2	3.50	7.00	15	40	10	<10	2.50	0.009	0.016	0.024
TD350-2-1	3.50	7.00	15	40	10	<10	2.50	0.009	0.011	0.024
TD350-3	3.50	7.00	15	40	10	<10	2.50	0.008	0.016	0.024
TD350-3-0	3.50	7.00	15	40	10	<10	2.50	0.008	0.010	0.024
TD350-3-1	3.50	7.00	15	40	10	<10	2.50	0.010	0.012	0.024

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**

- Regulation/Standard: RoHS, Reach, HF

### **5. Package information**

- Bulk: 2000 pcs/bag