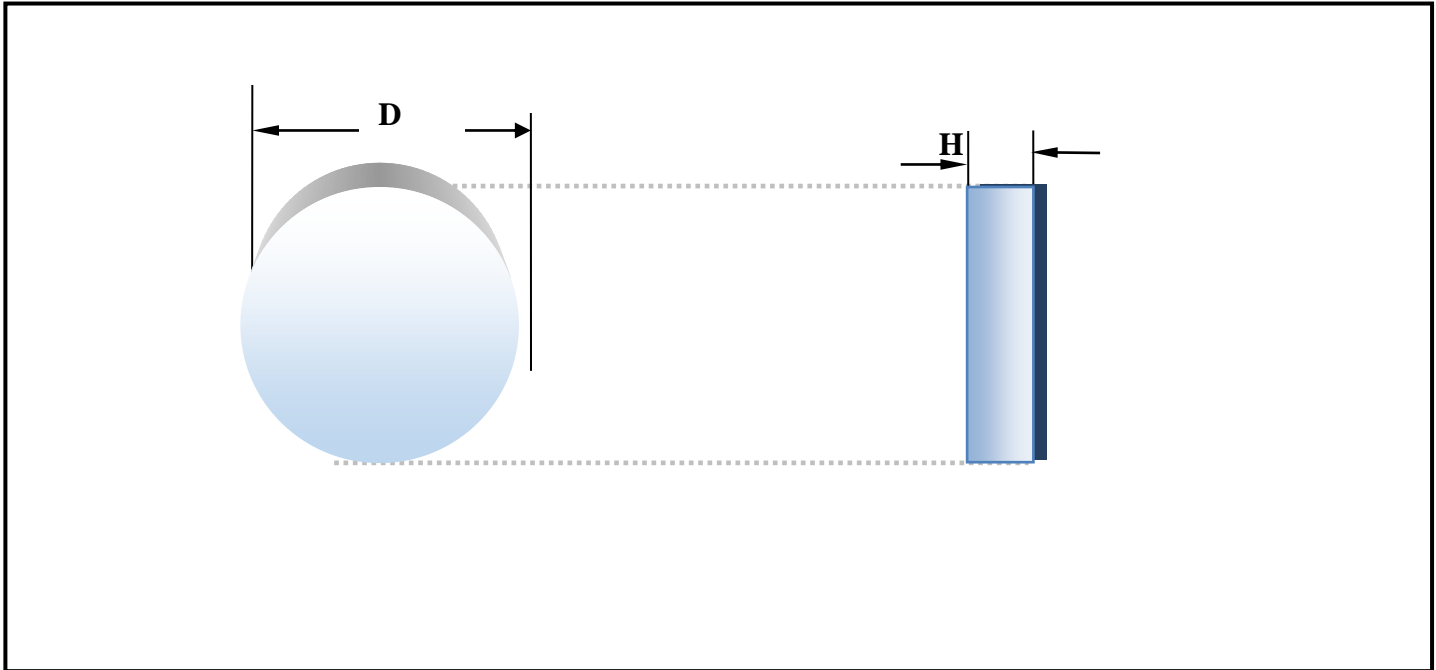


**TPT-D-xx-zzz**

**PRODUCT NAME: PTC THERMISTOR HEATER, DISC TYPE.**

**THERMOSEN PART NO: TPT-D-08-200**

**APPLICATION: MOSQUITO REPELLANT VEPORIZOR.**



**1. Description:**

- PTC Thermistor Heater.
- Material: BaTiO<sub>3</sub>
- Electrode: Silver

**2. Size: (mm)**

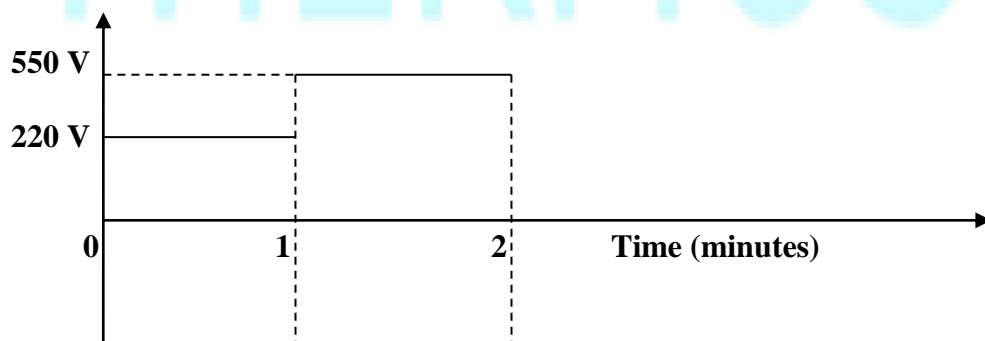
D1(mm)	H(mm)
8+ <sup>(0.2)</sup> -0.2	3 ± 0.2

**3. Working Condition**

- Temperature:
  - Vmax----- 0°C to +70°C
  - V=0----- -25°C to +125°C
- Humidity: ≤95% (25°C)

4. Technical Data

S.No	Description	Requirement		Standard	Method
		Standard	Approval		
1	Rated Resistance(25°C)	3KΩ±35%	Tolerance±10%	GB2828.1-2003, AQL=0.65	Place at 25±2°C for 1 to 2hours
2	Curie (TC) Surface Ts	195±5°C 205±10°C		GB2828.1-2003, S- 3,AQL=1.0	TES1310 TYPE-K TPK-103 voltage : 220V
3	Voltage	220V		/	/
4	Breakdown Voltage	[(R2-R1)/R1] < 50% R1:Resistance before test R2:Resistance after test		10PCS/lot Ac=0,Re=1	25±2°C, At first 220V applied for one minute, and increased to 550V within 5seconds and kept for 5minutes.



Remarks: The test is done at ambient temperature: (25±2°C)  
The samples are placed at this temperature for 30 minutes before the test as well.

