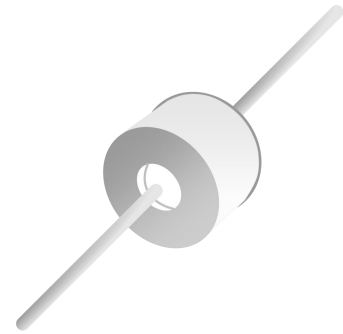# WAYON

GDTA2RD8-1500

Gas Discharge Tube

Features

- 2-electrode arrester
- Very small size
- Extremely fast response time
- Stable performance over life
- Extremely low capacitance (<1.5pF)
- High insulation resistance

Application

- Modem
- Splitter
- Base stations

Electrical specifications

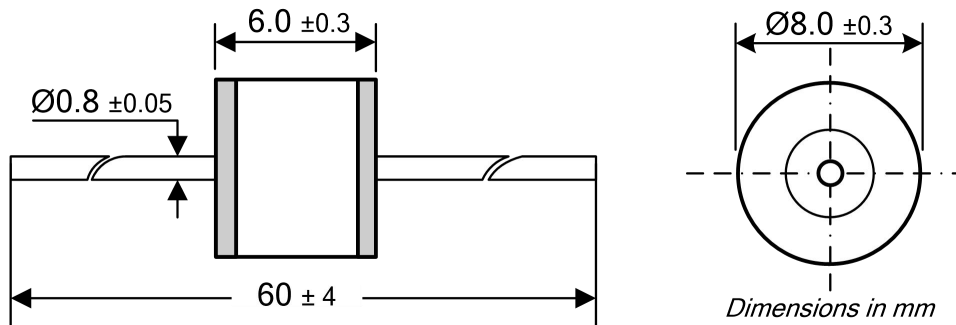| Part number	DC Spark-over Voltage [1) 2)]	Maximum Impulse Spark-over Voltage	Service Life [3)]	Insulation resistance	Capacitance	Marking Code
	100V/s	1kv/µs	8/20µs 10times	@ 100V_{DC}	@ 1 MHz	
	(V)	(V)	(KA)	(GΩ)	(pF)	
GDTA2RD8-1500	1500±20%	2500	10	> 1	< 1.5	Blue negative

1) At delivery AQL 0.65 level II, DIN ISO 2859.

2) In ionized mode.

3) Tests according to ITU-T Rec. K. 12 , IEC61643-311 and UL 497B.

Thermal Resistances

Parameter	Value	Unit
Storage & Operating temperature range	-40 to +85	°C

Dimensional drawing

6.0 ±0.3

Ø0.8 ±0.05

60 ± 4
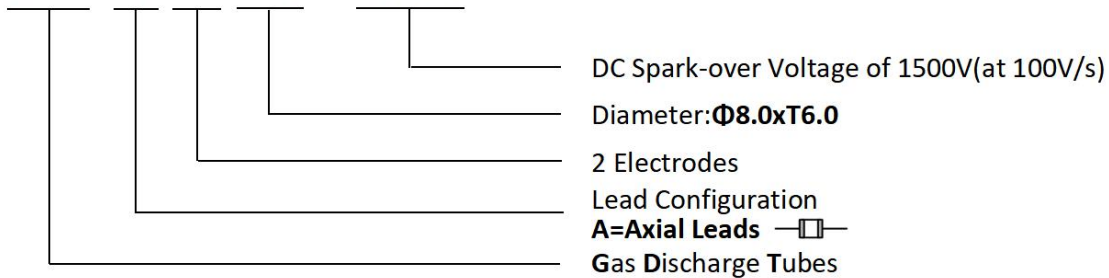
Ø8.0 ±0.3

Dimensions in mm

Cautions and warnings

- Gas Discharge Tubes must not be operated directly in power supply networks.
- Gas Discharge Tubes may become hot in case of longer periods of current stress (danger of burning).
- Gas Discharge Tubes may be used only within their specified values. In case of overload, the head contacts may fail or the component may be destroyed.
- Damaged Gas Discharge Tubes must not be re-used.

Part Numbering System

GDT A 2R D8 - 1500

DC Spark-over Voltage of 1500V(at 100V/s)

Diameter:Φ8.0xT6.0

2 Electrodes

Lead Configuration
A=Axial Leads ──▢──

Gas **D**ischarge **T**ubes

Package Information

Quantity:100PCS(Plastic box)

Contact Information

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Specifications are subject to change without notice.
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.
Users should verify actual device performance in their specific applications.