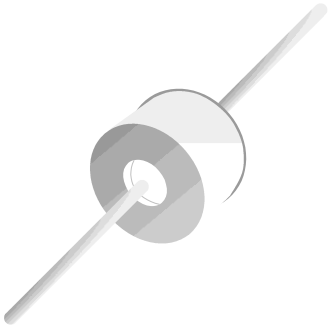
GDTA2RD5B-2500

Gas Discharge Tube



Features

- 2-electrode arrester
- Small size
- Extremely fast response time
- Stable performance over life
- Extremely low capacitance
- High insulation resistance

Application

- Base station and antenna Modem
- SPD and MDF module
- Power supply and RF system
- Splitter
- Tuner

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)	
GDTA2RD5B-2500	2500±20%	3800	3	>1	< 1	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 and UL 497B.

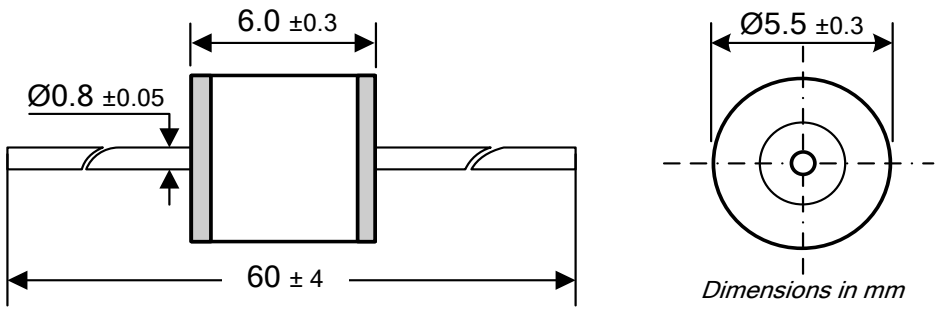
Terms and current waveforms in accordance with: ITU-T Rec. K.12; IEC 61643-21 and DIN 57845/VDE0845.

Thermal Resistances

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

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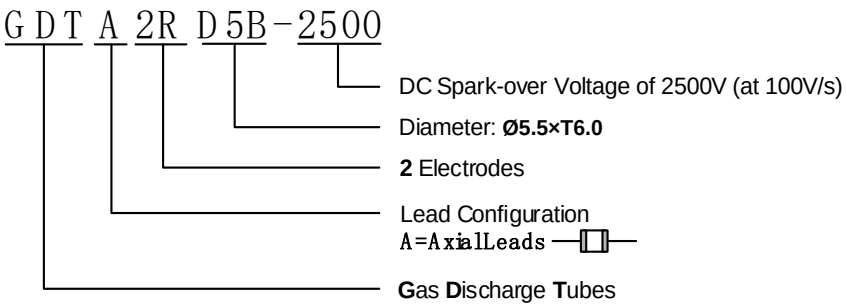
Dimensional drawing



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.
- Operation beyond the rated voltage or current may result in rupture electrical arcing or flame.

Part Numbering System



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.