

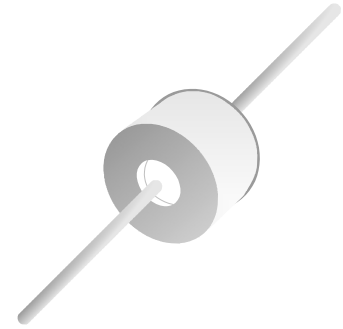


# GDTA2RD8-XX

## 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 <sup>1) 2)</sup>	Maximum Impulse Spark-over Voltage	Service Life <sup>3)</sup>	Insulation resistance	Capacitance	Marking Code
	100V/s	1kv/μs	8/20μs 10times	@ 100V <sub>DC</sub>	@ 1 MHz	
	(V)	(V)	(KA)	(GΩ)	(pF)	
GDTA2RD8-75	75±20%	600	20	> 1@50V <sub>DC</sub>	< 1.5	Blue negative
GDTA2RD8-90	90±20%	600	20	> 1@50V <sub>DC</sub>	< 1.5	Blue negative
GDTA2RD8-150	150±20%	650	20	> 1	< 1.5	Blue negative
GDTA2RD8-230	230±20%	700	20	> 1	< 1.5	Blue negative
GDTA2RD8-350	350±20%	750	20	> 1	< 1.5	Blue negative
GDTA2RD8-420	420±20%	900	20	> 1	< 1.5	Blue negative
GDTA2RD8-470	470±20%	1000	20	> 1	< 1.5	Blue negative
GDTA2RD8-600	600±20%	1200	20	> 1	< 1.5	Blue negative
GDTA2RD8-800	800±20%	1500	20	> 1	< 1.5	Blue negative

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

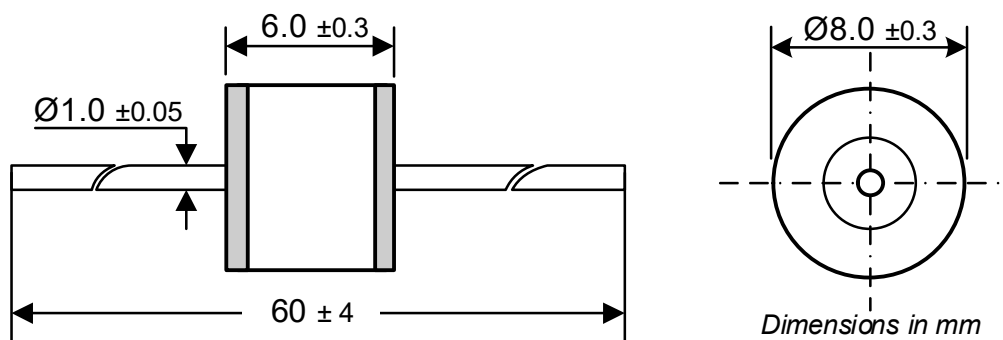
2) In ionized mode.

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

## Thermal Resistances

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

## Dimensional drawing

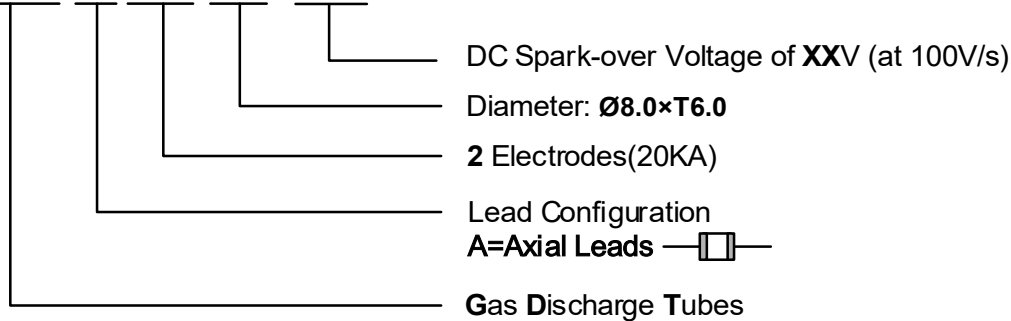


## Cautions and warnings

- 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.

## Part Numbering System

GDT A 2R D8- XX



## 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.*

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