



# Gas Discharge Tubes

**2RB-9C Series**

## Gas Discharge Tubes - 2RB-9C Series

GDT are designed for a high degree of surge protection at a low cost. It operate on the gas physical principle of the highly effective arc discharge. The 2RB-9C Series is used for protecting equipment for which higher voltage limits and high frequency are necessary. Comgaps function as switches which dissipate a mini-mum amount of energy and therefore handle currents that far surpass other types of transient voltage protection.



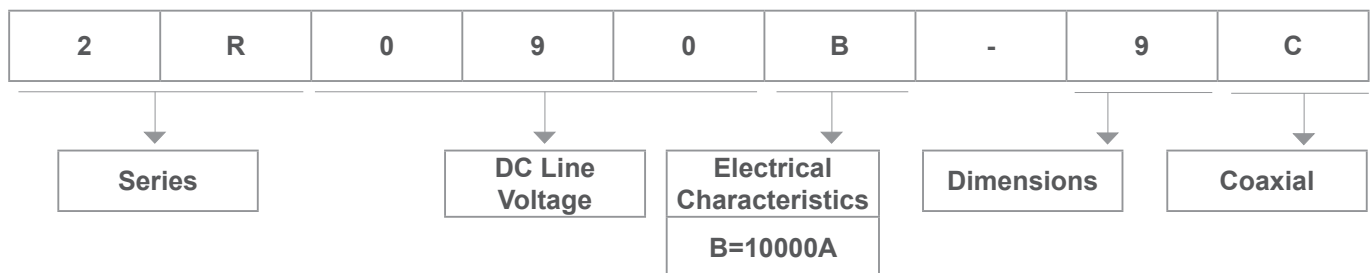
### Features

1. Small size
2. Very fast response time
3. Suitable for direct strikes
4. Stable performance over life
5. Very low capacitance
6. High insulation resistance

### Recommended Applications

1. High frequency lines
2. CATV equipment
3. Test equipment
4. Basestation

### Part Number Code



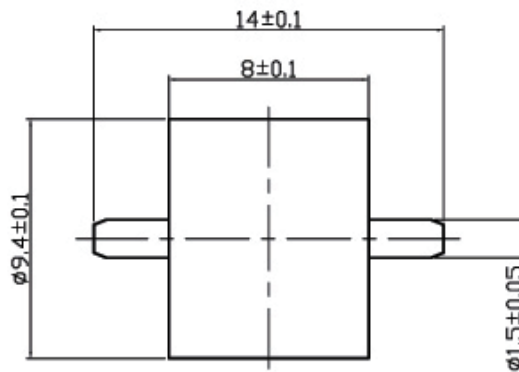
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### Electrical Characteristics

Part No.	DC Spark-over Voltage	Maximum Impulse Breakdown Voltage	Max. Impulse Discharge Current (8/20 $\mu$ s)		Impulse Life (10/1000 $\mu$ s)	Normal Alternating Discharge Current	Minimum Insulation Resistance	Maximum Capacitance (1MHz)
	100V/S		1KV/ $\mu$ s	1 times				
	(V)	(V)	(KA)		Times	(A)		
2R090B-9C	90 $\pm$ 20%	<600	12	10	300	10	1	1
2R150B-9C	150 $\pm$ 20%	<600	12	10	300	10	1	1
2R230B-9C	230 $\pm$ 20%	<700	12	10	300	10	1	1
2R300B-9C	300 $\pm$ 20%	<700	12	10	300	10	1	1
2R350B-9C	350 $\pm$ 20%	<1000	12	10	300	10	1	1
2R470B-9C	470 $\pm$ 20%	<1200	12	10	300	10	1	1
2R600B-9C	600 $\pm$ 20%	<1400	12	10	300	10	1	1

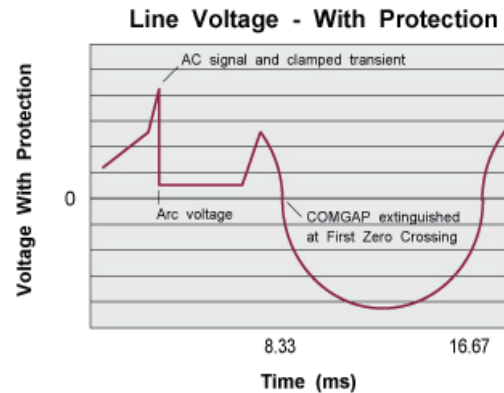
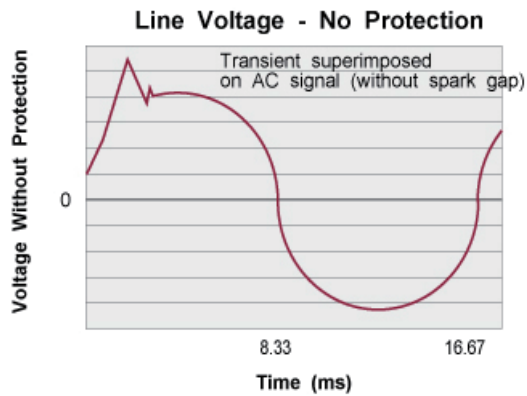
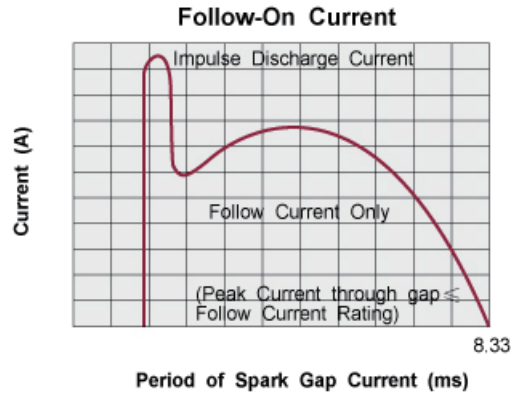
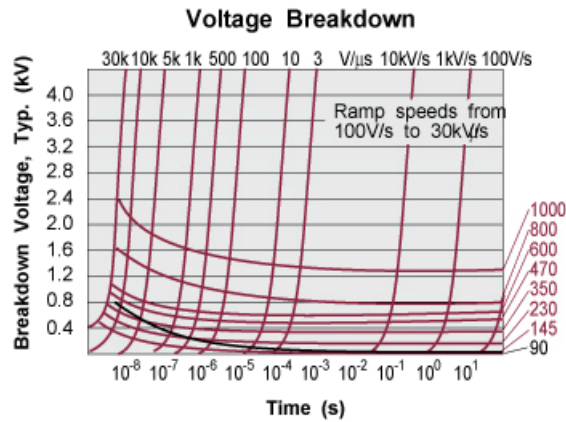
### Dimension

Unit:mm



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### PERFORMANCE CHARACTERISTICS



### Warehouse Storage Conditions of Products

- Storage Conditions:
  1. Storage Temperature:  $-10^{\circ}\text{C} \sim +40^{\circ}\text{C}$
  2. Relative Humidity:  $\leq 75\% \text{RH}$
  3. Keep away from corrosive atmosphere and sunlight.
- Period of Storage: 1 year

## RuiLongYuan Electronics Co., Ltd.

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