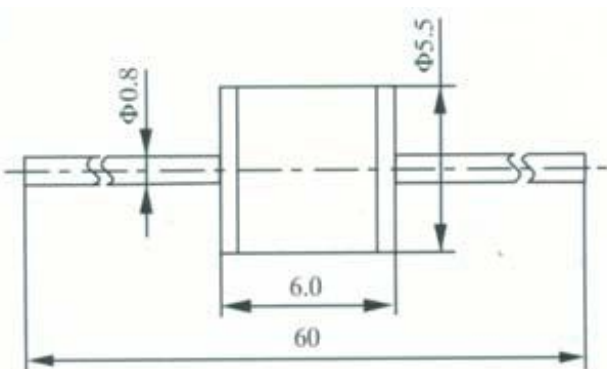


2-Electrode Gas Discharge Tubes

5KA/3KA



1: Dimension(mm)



2R400B Photo

2:Main Applications

- PCI Cards protection
- Telephone/Fax/Modem protection
- single line protection
- ADSL/XDSL Splitter,Power Supply
- Surge Protection Device/Surge Protector

3:Features

- 100% Lead-Free(RoHs Compliant)
- Non-Radioactive
- Low capacitance ($\leq 1\text{pF}$)
- Fast Response-time,High Insulation Resistance.
- Small size :Ø5.5x6(mm)

4 Electrical Characteristics

| Part Number | DC Spark-over Voltage @ 100V/S | Impulse Spark-over Voltage @100V/ μs | Impulse Spark-over Voltage @1KV/ μs | Insulation Resistance | Impulse discharge current(8/20 μs) | | AC discharge current (50Hz,1s,10ti mes) | Capacitance (1MHz) |
|-------------|--------------------------------|---|--|-----------------------|--|--------|---|--------------------|
| | V | V | V | G Ω | 10 Times | 1 Time | A | PF |
| 2R75B | 75 \pm 20% | <500 | <600 | >1 | 5KA | 10KA | 5 | ≤ 1 |
| 2R90B | 90 \pm 20% | <500 | <600 | >1 | 5KA | 10KA | 5 | ≤ 1 |
| 2R150B | 150 \pm 20% | <500 | <600 | >1 | 5KA | 10KA | 5 | ≤ 1 |
| 2R230B | 230 \pm 20% | <600 | <700 | >1 | 5KA | 10KA | 5 | ≤ 1 |
| 2R250B | 250 \pm 20% | <600 | <700 | >1 | 5KA | 10KA | 5 | ≤ 1 |
| 2R300B | 300 \pm 20% | <800 | ≤ 900 | >1 | 5KA | 10KA | 5 | ≤ 1 |
| 2R350B | 350 \pm 20% | <900 | ≤ 1000 | >1 | 5KA | 10KA | 5 | ≤ 1 |
| 2R400B | 400 \pm 20% | <900 | ≤ 1000 | >1 | 5KA | 10KA | 5 | ≤ 1 |
| 2R420B | 420 \pm 20% | <900 | ≤ 1000 | >1 | 5KA | 10KA | 5 | ≤ 1 |
| 2R470B | 470 \pm 20% | <1100 | ≤ 1200 | >1 | 5KA | 10KA | 5 | ≤ 1 |
| 2R500B | 500 \pm 20% | <1100 | ≤ 1200 | >1 | 5KA | 10KA | 5 | ≤ 1 |
| 2R600B | 600 \pm 20% | <1200 | ≤ 1300 | >1 | 5KA | 10KA | 5 | ≤ 1 |
| 2R800B | 800 \pm 20% | <1300 | ≤ 1400 | >1 | 5KA | 10KA | 5 | ≤ 1 |
| 2R1000B | 1000 \pm 20% | <1400 | ≤ 1500 | >1 | 3KA | 5KA | 3 | ≤ 1 |

4 Electrical Characteristics

continued



| Part Number | DC Spark-over Voltage @ 100V/S | Impulse Spark-over Voltage @100V/μs | Impulse Spark-over Voltage @1KV/μs | Insulation Resistance | Impulse discharge current(8/20μs) | | AC discharge current (50Hz, 1s, 10times) | Capacitance (1MHz) |
|-------------|--------------------------------|-------------------------------------|------------------------------------|-----------------------|-----------------------------------|--------|--|--------------------|
| | V | V | V | GΩ | 10 Times | 1 Time | A | PF |
| 2R1500B | 1500±20% | <2200 | ≤ 2500 | >1 | 3KA | 5KA | 3 | ≤1 |
| 2R2000B | 2000±20% | <2600 | ≤ 3000 | >1 | 3KA | 5KA | 3 | ≤1 |
| 2R2500B | 2500±20% | <3200 | ≤ 3500 | >1 | 3KA | 5KA | 3 | ≤1 |
| 2R3000B | 3000±20% | <3800 | ≤ 4000 | >1 | 3KA | 5KA | 3 | ≤1 |
| 2R3600B | 3600±20% | <4500 | ≤ 4700 | >1 | 3KA | 5KA | 3 | ≤1 |
| 2R4000B | 4000±20% | <5300 | ≤ 5500 | >1 | 3KA | 5KA | 3 | ≤1 |
| 2R4500B | 4500±20% | <5500 | ≤ 6000 | >1 | 3KA | 5KA | 3 | ≤1 |
| 2R5500B | 5500±20% | <7200 | ≤ 7500 | >1 | 3KA | 5KA | 3 | ≤1 |

Packing Quantity : 100PCS

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