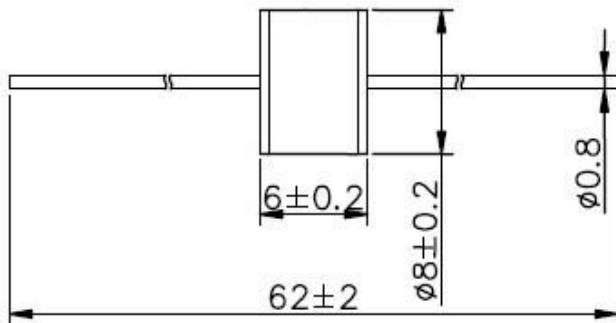


2-Electrode Gas Discharge Tubes

3KA

1: Dimension(mm)

High Voltage, Axial Lead Wire



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: $\leq 1.5\text{pF}$
- Small size: $\Phi 8 \times 6\text{mm}$
- Safety certification:

4 Electrical Characteristics

| Part Number | DC Spark-over Voltage | Impulse Spark-over Voltage | Insulation Resistance | Impulse discharge current 8/20 μs | | Capacitance 1MHz | AC discharge current 50Hz, 1s | Delivery time | UL Certificate |
|----------------|-----------------------|----------------------------|-----------------------|--|--------|---------------------|-------------------------------|---------------|----------------|
| | @100V/S | @1KV/ μs | G Ω | 10 Times | 1 Time | pF | 10times | days | UL1449 |
| 2R-800 | 800V $\pm 20\%$ | $\leq 1400\text{V}$ | $> 1\text{G}\Omega$ | 5KA | 10KA | $\leq 1.5\text{pF}$ | 5A | 12days | √ |
| 2R-1000 | 1000V $\pm 20\%$ | $\leq 1700\text{V}$ | $> 1\text{G}\Omega$ | 5KA | 10KA | $\leq 1.5\text{pF}$ | 1A | 12days | √ |
| 2R-1200 | 1200V $\pm 20\%$ | $\leq 1900\text{V}$ | $> 1\text{G}\Omega$ | 3KA | 10KA | $\leq 1.5\text{pF}$ | 1A | 12days | √ |
| 2R-1500 | 1500V $\pm 20\%$ | $\leq 2200\text{V}$ | $> 1\text{G}\Omega$ | 3KA | 10KA | $\leq 1.5\text{pF}$ | 1A | 12days | √ |
| 2R-2000 | 2000V $\pm 20\%$ | $\leq 2700\text{V}$ | $> 1\text{G}\Omega$ | 3KA | 10KA | $\leq 1.5\text{pF}$ | 1A | 12days | √ |
| 2R-2100 | 2100V $\pm 20\%$ | $\leq 3100\text{V}$ | $> 1\text{G}\Omega$ | 3KA | 10KA | $\leq 1.5\text{pF}$ | 1A | 12days | √ |
| 2R-2400 | 2400V $\pm 20\%$ | $\leq 3400\text{V}$ | $> 1\text{G}\Omega$ | 3KA | 10KA | $\leq 1.5\text{pF}$ | 1A | 12days | √ |
| 2R-2500 | 2500V $\pm 20\%$ | $\leq 3500\text{V}$ | $> 1\text{G}\Omega$ | 3KA | 10KA | $\leq 1.5\text{pF}$ | 1A | 12days | √ |
| 2R-2700 | 2700V $\pm 20\%$ | $\leq 3700\text{V}$ | $> 1\text{G}\Omega$ | 3KA | 10KA | $\leq 1.5\text{pF}$ | 1A | 12days | √ |
| 2R-3000 | 3000V $\pm 20\%$ | $\leq 4000\text{V}$ | $> 1\text{G}\Omega$ | 3KA | 10KA | $\leq 1.5\text{pF}$ | 1A | 12days | √ |
| 2R-3100 | 3100V $\pm 20\%$ | $\leq 4100\text{V}$ | $> 1\text{G}\Omega$ | 3KA | 10KA | $\leq 1.5\text{pF}$ | 1A | 12days | √ |
| 2R-3600 | 3600V $\pm 20\%$ | $\leq 4600\text{V}$ | $> 1\text{G}\Omega$ | 3KA | 10KA | $\leq 1.5\text{pF}$ | 1A | 12days | √ |
| 2R-4000 | 4000V $\pm 20\%$ | $\leq 5000\text{V}$ | $> 1\text{G}\Omega$ | 3KA | 10KA | $\leq 1.5\text{pF}$ | 1A | 12days | √ |

4 Electrical Characteristics

Continue



| Part Number | AC Withstanding Voltage | Weight | Capacitance at 1 MHz |
|-------------|-------------------------|--------|----------------------|
| | | g | |
| 2R-800 | -- | ~ 1.5g | <1.5pF |
| 2R-1000 | -- | ~ 1.5g | <1.5pF |
| 2R-1200 | -- | ~ 1.5g | <1.5pF |
| 2R-1500 | -- | ~ 1.5g | <1.5pF |
| 2R-2000 | -- | ~ 1.5g | <1.5pF |
| 2R-2100 | -- | ~ 1.5g | <1.5pF |
| 2R-2400 | -- | ~ 1.5g | <1.5pF |
| 2R-2500 | AC1250V,1min | ~ 1.5g | <1.5pF |
| 2R-2700 | AC1250V,1min | ~ 1.5g | <1.5pF |
| 2R-3000 | AC1500V,1min | ~ 1.5g | <1.5pF |
| 2R-3100 | AC1500V,1min | ~ 1.5g | <1.5pF |
| 2R-3600 | AC1800V,1min | ~ 1.5g | <1.5pF |
| 2R-4000 | AC1800V,1min | ~ 1.5g | <1.5pF |

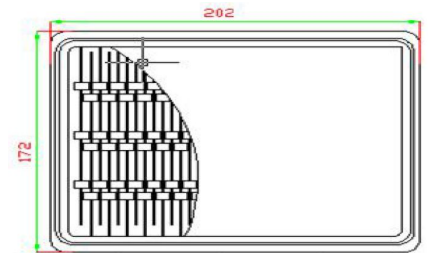
Environmental resistance

| | |
|------------------------|-------------|
| Storage temperature: | -40℃---+90℃ |
| Operating temperature: | -40℃---+90℃ |
| Electrode: | Tin Plated |

Example Part Number: H2R8-3600L

Packaging Information

| | | |
|------|---|--------------------|
| H | = | Brand |
| 2 | = | 2 Electrode device |
| R | = | Gas Discharge Tube |
| 8 | = | 8mm Diameter |
| 3600 | = | 3600V |
| L | = | Low Surge 3KA GDT |



Packaging Quantity

| Part Number | Quantity | |
|----------------|----------|------------|
| | Per Tray | Per Carton |
| 2R-xxxx Series | 100PCS | 5000PCS |