

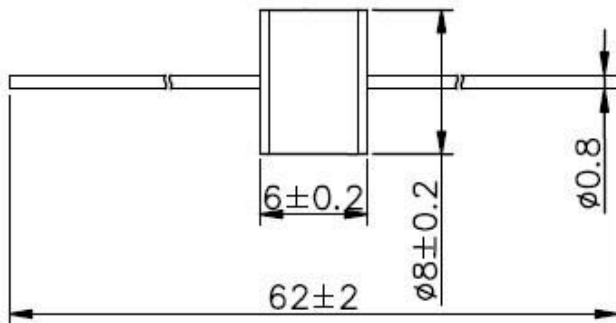
2-Electrode Gas Discharge Tubes

3KA

High Voltage, Axial Lead Wire



1: Dimension(mm)



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
2R800	800V $\pm 20\%$	$\leq 1400\text{V}$	$> 1\text{G}\Omega$	5KA	10KA	$\leq 1.5\text{pF}$	5A	12days	√
2R1000	1000V $\pm 20\%$	$\leq 1700\text{V}$	$> 1\text{G}\Omega$	5KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
2R1200	1200V $\pm 20\%$	$\leq 1900\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
2R1500	1500V $\pm 20\%$	$\leq 2200\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
2R2000	2000V $\pm 20\%$	$\leq 2700\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
2R2100	2100V $\pm 20\%$	$\leq 3100\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
2R2400	2400V $\pm 20\%$	$\leq 3400\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
2R2500	2500V $\pm 20\%$	$\leq 3500\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
2R2700	2700V $\pm 20\%$	$\leq 3700\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
2R3000	3000V $\pm 20\%$	$\leq 4000\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
2R3100	3100V $\pm 20\%$	$\leq 4100\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
2R3600	3600V $\pm 20\%$	$\leq 4600\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
2R4000	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	
2R800	--	~ 1.5g	<1.5pF
2R1000	--	~ 1.5g	<1.5pF
2R1200	--	~ 1.5g	<1.5pF
2R1500	--	~ 1.5g	<1.5pF
2R2000	--	~ 1.5g	<1.5pF
2R2100	--	~ 1.5g	<1.5pF
2R2400	--	~ 1.5g	<1.5pF
2R2500	AC1250V,1min	~ 1.5g	<1.5pF
2R2700	AC1250V,1min	~ 1.5g	<1.5pF
2R3000	AC1500V,1min	~ 1.5g	<1.5pF
2R3100	AC1500V,1min	~ 1.5g	<1.5pF
2R3600	AC1800V,1min	~ 1.5g	<1.5pF
2R4000	AC1800V,1min	~ 1.5g	<1.5pF

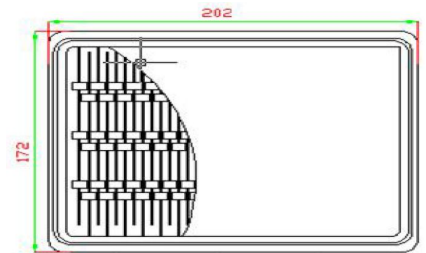
Environmental resistance

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
2Rxxxx Series	100PCS	5000PCS