

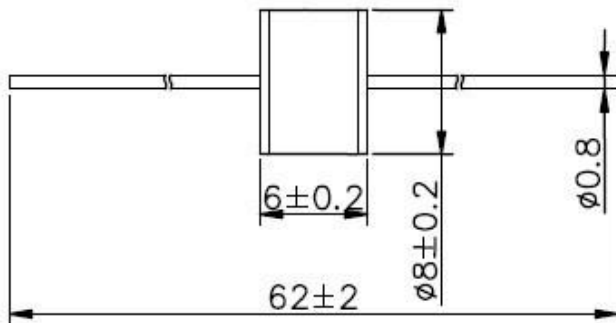
## 2-Electrode Gas Discharge Tubes

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 $\mu\text{s}$		Capacitance 1MHz	AC discharge current 50Hz, 1s	Delivery time	UL Certificate
	@100V/S	@1KV/ $\mu\text{s}$	G $\Omega$	10 Times	1 Time	pF	10times	days	UL1449
H2R8-800L	800V $\pm 20\%$	$\leq 1400\text{V}$	$> 1\text{G}\Omega$	5KA	10KA	$\leq 1.5\text{pF}$	5A	12days	√
H2R8-1000L	1000V $\pm 20\%$	$\leq 1700\text{V}$	$> 1\text{G}\Omega$	5KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
H2R8-1200L	1200V $\pm 20\%$	$\leq 1900\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
H2R8-1500L	1500V $\pm 20\%$	$\leq 2200\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
H2R8-2000L	2000V $\pm 20\%$	$\leq 2700\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
H2R8-2100L	2100V $\pm 20\%$	$\leq 3100\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
H2R8-2400L	2400V $\pm 20\%$	$\leq 3400\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
H2R8-2500L	2500V $\pm 20\%$	$\leq 3500\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
H2R8-2700L	2700V $\pm 20\%$	$\leq 3700\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
H2R8-3000L	3000V $\pm 20\%$	$\leq 4000\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
H2R8-3100L	3100V $\pm 20\%$	$\leq 4100\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
HA2R3600L	3600V $\pm 20\%$	$\leq 4600\text{V}$	$> 1\text{G}\Omega$	3KA	10KA	$\leq 1.5\text{pF}$	1A	12days	√
H2R8-4000L	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	
H2R8-800L	--	~ 1.5g	<1.5pF
H2R8-1000L	--	~ 1.5g	<1.5pF
H2R8-1200L	--	~ 1.5g	<1.5pF
H2R8-1500L	--	~ 1.5g	<1.5pF
H2R8-2000L	--	~ 1.5g	<1.5pF
H2R8-2100L	--	~ 1.5g	<1.5pF
H2R8-2400L	--	~ 1.5g	<1.5pF
H2R8-2500L	AC1250V,1min	~ 1.5g	<1.5pF
H2R8-2700L	AC1250V,1min	~ 1.5g	<1.5pF
H2R8-3000L	AC1500V,1min	~ 1.5g	<1.5pF
H2R8-3100L	AC1500V,1min	~ 1.5g	<1.5pF
HA2R3600L	AC1800V,1min	~ 1.5g	<1.5pF
H2R8-4000L	AC1800V,1min	~ 1.5g	<1.5pF

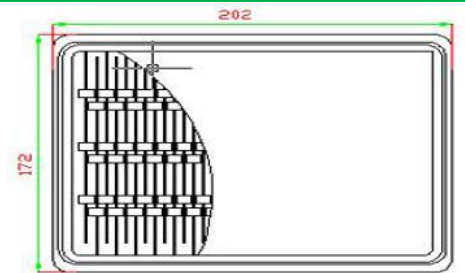
Environmental resistance

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
H2R8-xxxxL Series	100PCS	5000PCS