HUAAN 华兴安电子 HUAAN LIMITED

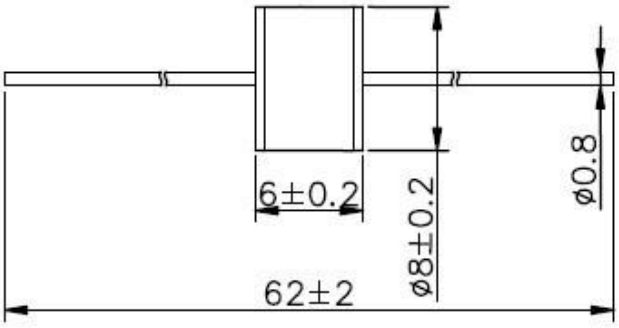
Φ8*6mm

2-Electrode Gas Discharge Tubes

5KA

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: ≤1.5pF
- •Small size :Φ8x6(mm)
- •Safety certification: File number: E505240

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 GΩ	Impulse discharge current @8/20μs 10 Times	Impulse Life 300 hits 10x1000μs	AC discharge current 50Hz,1s 10times	Delivery time days	UL Certificate UL497B
HA2R8-75L	75V ±20%	≤500V	≤ 600V	>10GΩ	5KA	100A	5A	12days	E505240
HA2R8-90L	90V ±20%	≤500V	≤ 600V	>10GΩ	5KA	100A	5A	12days	E505240
HA2R8-140L	140V ±20%	≤500V	≤ 600V	>10GΩ	5KA	100A	5A	12days	E505240
HA2R8-150L	150V ±20%	≤500V	≤ 600V	>10GΩ	5KA	100A	5A	12days	E505240
HA2R8-200L	200V ±20%	≤600V	≤ 700V	>10GΩ	5KA	100A	5A	12days	E505240
HA2R8-230L	230V ±20%	≤600V	≤ 700V	>10GΩ	5KA	100A	5A	12days	E505240
HA2R8-250L	250V ±20%	≤600V	≤ 700V	>10GΩ	5KA	100A	5A	12days	E505240
HA2R8-260L	260V ±20%	≤700V	≤ 800V	>10GΩ	5KA	100A	5A	12days	E505240
HA2R8-300L	300V ±20%	≤800V	≤ 900V	>10GΩ	5KA	100A	5A	12days	E505240
HA2R8-350L	350V ±20%	≤900V	≤ 1000V	>10GΩ	5KA	100A	5A	12days	E505240
HA2R8-400L	400V ±20%	≤900V	≤ 1000V	>10GΩ	5KA	100A	5A	12days	E505240
HA2R8-420L	420V ±20%	≤900V	≤ 1000V	>10GΩ	5KA	100A	5A	12days	E505240
HA2R8-470L	470V ±20%	≤1100V	≤ 1200V	>10GΩ	5KA	100A	5A	12days	E505240
HA2R8-500L	500V ±20%	≤1100V	≤ 1200V	>10GΩ	5KA	100A	5A	12days	E505240
HA2R8-550L	550V ±20%	≤1300V	≤ 1400V	>10GΩ	5KA	100A	5A	12days	E505240
HA2R8-600L	600V ±20%	≤1300V	≤1400V	>10GΩ	5KA	100A	5A	12days	E505240

4 Electrical Characteristics Continue

Part Number	DC Holdover Voltage	On-State Voltage	Impulse discharge current 8/20μs	Peak Current @10/350 μs	Arc voltage at 1 A	Glow to arc transition current	Glow voltage	Weight
	Per ITU K.12 (<150ms)	Nominal @ 1A	1time	1time	V	A	V	g
HA2R8-75L	<52V	20V	10KA	1KA	~ 10V	< 0.8A	~ 55V	~1.5g
HA2R8-90L	<52V	20V	10KA	1KA	~ 12V	< 0.8A	~ 55V	~1.5g
HA2R8-140L	<80V	20V	10KA	1KA	~ 12V	< 0.5A	~ 60V	~1.5g
HA2R8-150L	<80V	20V	10KA	1KA	~ 12V	< 0.5A	~ 60V	~1.5g
HA2R8-200L	<135V	20V	10KA	1KA	~ 12V	< 0.5A	~ 60V	~1.5g
HA2R8-230L	<135V	20V	10KA	1KA	~ 12V	< 0.5A	~ 60V	~1.5g
HA2R8-250L	<135V	20V	10KA	1KA	~ 12V	< 0.5A	~ 60V	~1.5g
HA2R8-260L	<135V	20V	10KA	1KA	~ 12V	< 0.5A	~ 60V	~1.5g
HA2R8-300L	<150V	20V	10KA	1KA	~ 12V	< 0.2A	~ 60V	~1.5g
HA2R8-350L	<150V	20V	10KA	1KA	~ 12V	< 0.2A	~ 60V	~1.5g
HA2R8-400L	<150V	20V	10KA	1KA	~ 12V	< 0.2A	~ 60V	~1.5g
HA2R8-420L	<150V	20V	10KA	1KA	~ 12V	< 0.2A	~ 60V	~1.5g
HA2R8-470L	<150V	20V	10KA	1KA	~ 12V	< 0.2A	~ 60V	~1.5g
HA2R8-500L	<150V	20V	10KA	1KA	~ 12V	< 0.2A	~ 60V	~1.5g
HA2R8-550L	<150V	20V	10KA	1KA	~ 12V	< 0.2A	~ 60V	~1.5g
HA2R8-600L	<150V	20V	10KA	1KA	~ 12V	< 0.2A	~ 60V	~1.5g

1:At delivery AQL 0.65 leave Ⅱ Military Standard 105 E

2:In ionized mode

3:Test according to ITU-T Rec.k.12

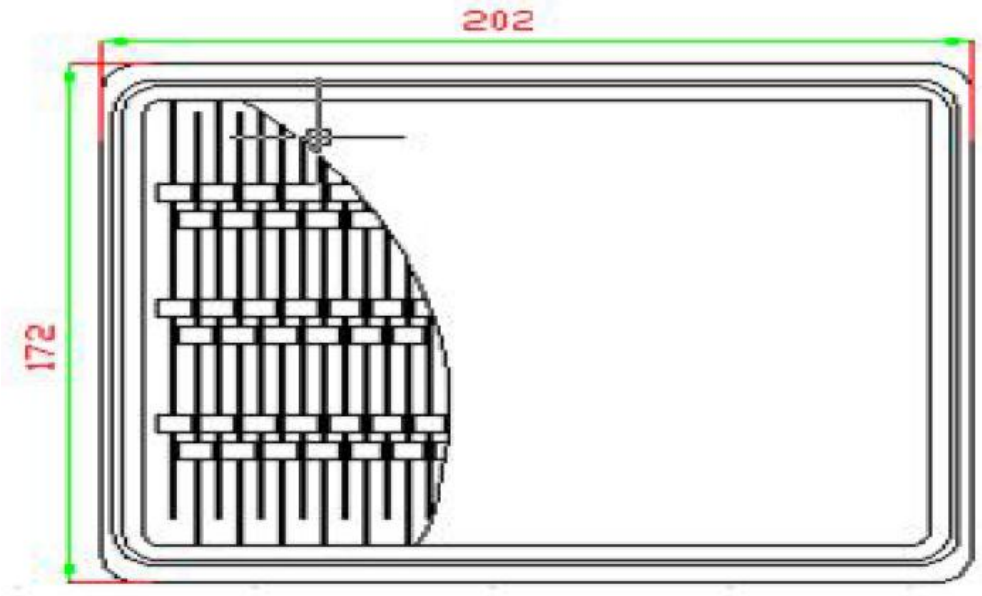
Environmental resistance

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

Example Part Number: HA2R8-90L

HA	**=**	**HUAAN**
2	**=**	**2 Electrode device**
R	**=**	**Gas Discharge Tube**
8	**=**	**8mm Diameter**
90	**=**	**90V**
L	**=**	**Low Surge 5KA**

Packaging Information



Packaging Quantity

Part Number	Quantity	
	Per Tray	Per Carton
HA2R8-xxxL Series	100PCS	5000PCS