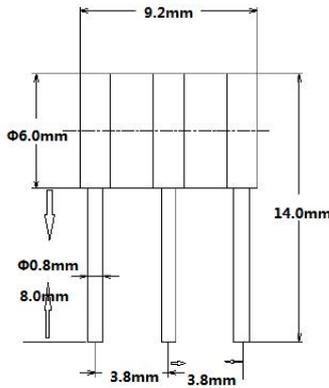


## 3-Electrode Gas Discharge Tubes

10KA

1: Dimension(mm)

Radial 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:  $\leq 1\text{pF}$
- Small size :  $\Phi 6 \times 9.2\text{mm}$
- Safety certification: File number: E505240

### 4 Electrical Characteristics

Part Number	DC Spark-over Voltage	Impulse Spark-over Voltage	Impulse Spark-over Voltage	Insulation Resistance	Impulse discharge current	Impulse Life	AC discharge current	Delivery time	UL Certificate
	@100V/S	@100V/ $\mu\text{s}$	@1KV/ $\mu\text{s}$	G $\Omega$	10 Times	10x1000 $\mu\text{s}$	10times	days	UL497B
HA3R6-75MT	75V $\pm 20\%$	$\leq 500\text{V}$	$\leq 600\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-90MT	90V $\pm 20\%$	$\leq 500\text{V}$	$\leq 600\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-140MT	140V $\pm 20\%$	$\leq 500\text{V}$	$\leq 600\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-150MT	150V $\pm 20\%$	$\leq 500\text{V}$	$\leq 600\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-200MT	200V $\pm 20\%$	$\leq 600\text{V}$	$\leq 700\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-230MT	230V $\pm 20\%$	$\leq 600\text{V}$	$\leq 700\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-250MT	250V $\pm 20\%$	$\leq 600\text{V}$	$\leq 700\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-300MT	300V $\pm 20\%$	$\leq 800\text{V}$	$\leq 900\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-350MT	350V $\pm 20\%$	$\leq 900\text{V}$	$\leq 1000\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-400MT	400V $\pm 20\%$	$\leq 900\text{V}$	$\leq 1000\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-420MT	420V $\pm 20\%$	$\leq 900\text{V}$	$\leq 1000\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-470MT	470V $\pm 20\%$	$\leq 1100\text{V}$	$\leq 1200\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-500MT	500V $\pm 20\%$	$\leq 1100\text{V}$	$\leq 1200\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-550MT	550V $\pm 20\%$	$\leq 1300\text{V}$	$\leq 1400\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-600MT	600V $\pm 20\%$	$\leq 1300\text{V}$	$\leq 1400\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-800MT	800V $\pm 20\%$	$\leq 1500\text{V}$	$\leq 1600\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	---

4 Electrical Characteristics

Continue

Part Number	DC Holdover Voltage	On-State Voltage	Impulse discharge current 8/20μs	Peak Current @10/350μs	Weight
	Per ITU K.12 (<150ms)	Nominal @ 1A	1time	1time	g
HA3R6-75MT	<52V	20V	10KA	2KA	~2g
HA3R6-90MT	<52V	20V	10KA	2KA	~2g
HA3R6-140MT	<80V	20V	10KA	2KA	~2g
HA3R6-150MT	<80V	20V	10KA	2KA	~2g
HA3R6-200MT	<135V	20V	10KA	2KA	~2g
HA3R6-230MT	<135V	20V	10KA	2KA	~2g
HA3R6-250MT	<135V	20V	10KA	2KA	~2g
HA3R6-300MT	<150V	20V	10KA	2KA	~2g
HA3R6-350MT	<150V	20V	10KA	2KA	~2g
HA3R6-400MT	<150V	20V	10KA	2KA	~2g
HA3R6-420MT	<150V	20V	10KA	2KA	~2g
HA3R6-470MT	<150V	20V	10KA	2KA	~2g
HA3R6-500MT	<150V	20V	10KA	2KA	~2g
HA3R6-550MT	<150V	20V	10KA	2KA	~2g
HA3R6-600MT	<150V	20V	10KA	2KA	~2g
HA3R6-800MT	<150V	20V	10KA	2KA	~2g

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

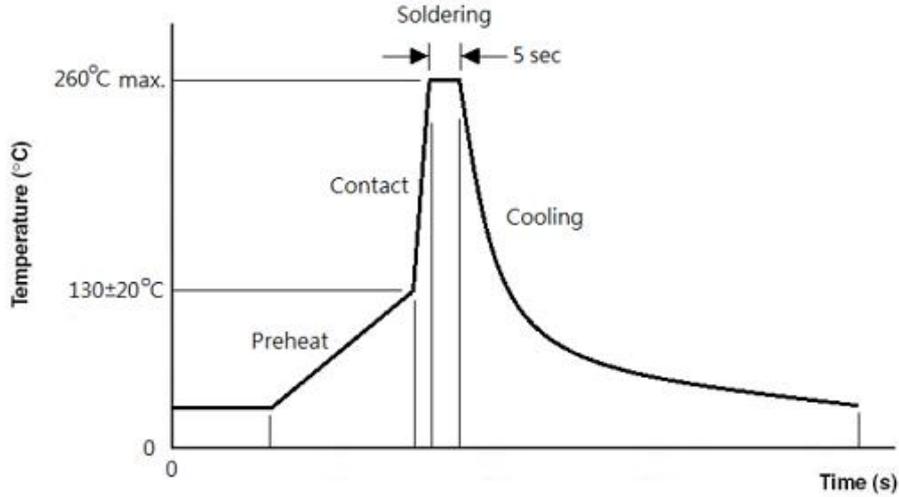
Environmental resistance

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

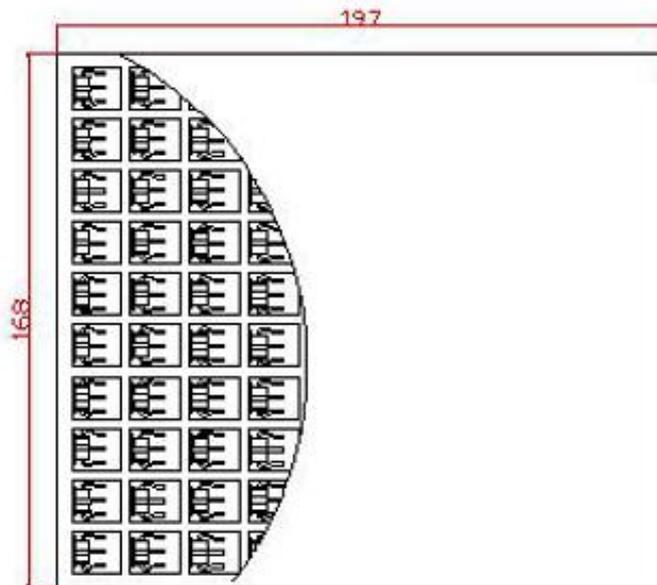
Example Part Number: HA3R6-90MT

HA	=	HUAAN
3	=	3 Electrode device
R	=	Gas Discharge Tube
6	=	6mm Diameter
90	=	90V
M	=	Radial Lead Wire
T	=	Medium Surge 10KA

## Reflow Soldering Curve



## Packaging Information



## Packaging Quantity

Part Number	Quantity	
	Per Tray	Per Carton
HA3R6-xxxMT Series	100PCS	5000PCS