

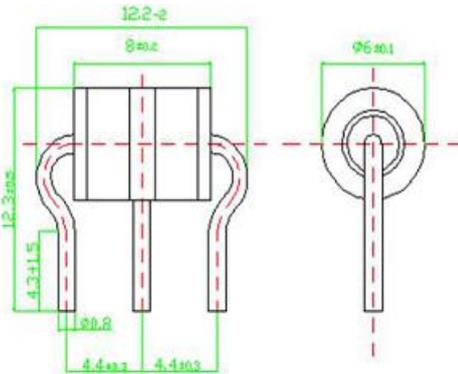
3-Electrode Gas Discharge Tubes

10KA

Radial 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: $\leq 1\text{pF}$
- Small size : $\Phi 6 \times 8(\text{mm})$
- 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 Certification
	@100V/S	@100V/ μs	@1KV/ μs	G Ω	10 Times	10x1000 μs	10times	days	UL497B
HA3R6-75	75V $\pm 20\%$	$\leq 500\text{V}$	$\leq 600\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-90	90V $\pm 20\%$	$\leq 500\text{V}$	$\leq 600\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-140	140V $\pm 20\%$	$\leq 500\text{V}$	$\leq 600\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-150	150V $\pm 20\%$	$\leq 500\text{V}$	$\leq 600\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-200	200V $\pm 20\%$	$\leq 600\text{V}$	$\leq 700\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-230	230V $\pm 20\%$	$\leq 600\text{V}$	$\leq 700\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-250	250V $\pm 20\%$	$\leq 600\text{V}$	$\leq 700\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-300	300V $\pm 20\%$	$\leq 800\text{V}$	$\leq 900\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-350	350V $\pm 20\%$	$\leq 900\text{V}$	$\leq 1000\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-400	400V $\pm 20\%$	$\leq 900\text{V}$	$\leq 1000\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-420	420V $\pm 20\%$	$\leq 900\text{V}$	$\leq 1000\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-470	470V $\pm 20\%$	$\leq 1100\text{V}$	$\leq 1200\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-500	500V $\pm 20\%$	$\leq 1100\text{V}$	$\leq 1200\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-550	550V $\pm 20\%$	$\leq 1300\text{V}$	$\leq 1400\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-600	600V $\pm 20\%$	$\leq 1300\text{V}$	$\leq 1400\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240
HA3R6-800	800V $\pm 20\%$	$\leq 1500\text{V}$	$\leq 1600\text{V}$	$> 1\text{G}\Omega$	10KA	200A	10A	15days	E505240

3-Electrode Gas Discharge Tubes

10KA

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

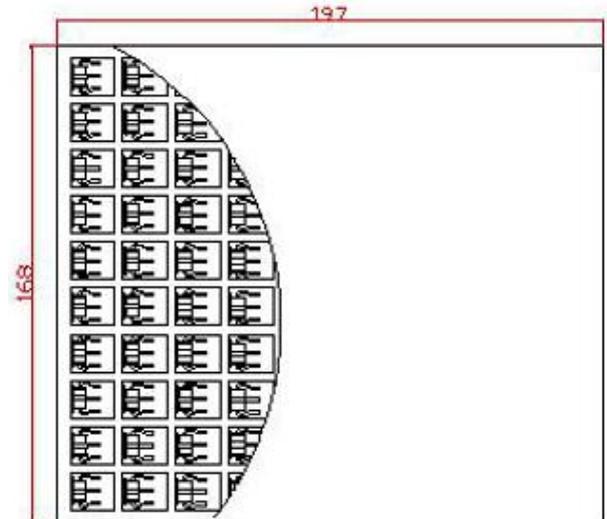
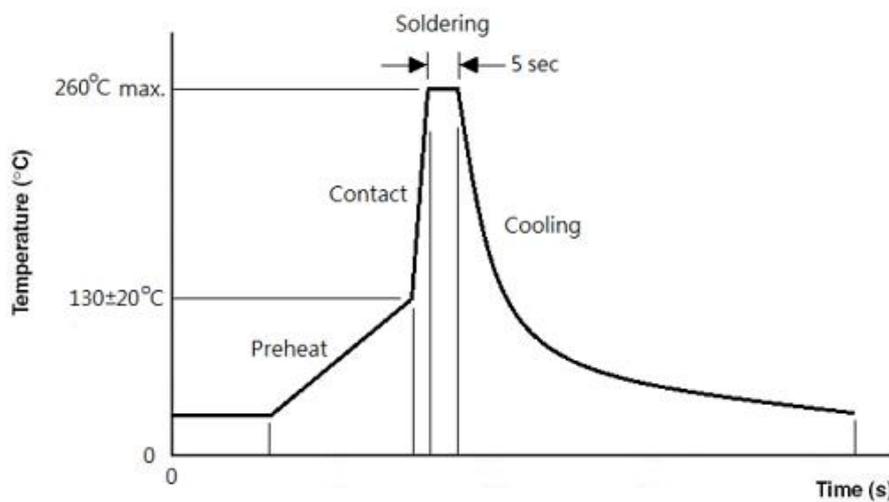
Storage temperature:	-40°C---+90°C
Operating temperature:	-40°C---+90°C
Electrode:	Tin Plated

Example Part Number: HA3R6-90

HA	=	HUAAN
3	=	3 Electrode device
R	=	Gas Discharge Tube
6	=	6mm Diameter
90	=	90V
Blank	=	Medium Surge 10KA GDT,Axial Lead Wire

Reflow Soldering Curve

Packaging Information



Packaging Quantity

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