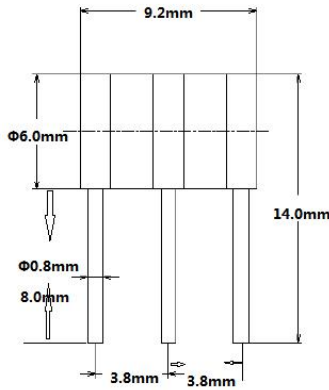


3-Electrode Gas Discharge Tubes

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: ≤1pF
- Small size : Φ6x9.2mm
- 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/μs	@1KV/μs	GΩ	8/20μs 10 Times	300 hits 10x1000μs	50Hz, 1s 10times	days	UL497B
HA3R6-75MT	75V ±20%	≤500V	≤ 600V	>1GΩ	10KA	200A	10A	15days	E505240
HA3R6-90MT	90V ±20%	≤500V	≤ 600V	>1GΩ	10KA	200A	10A	15days	E505240
HA3R6-140MT	140V±20%	≤500V	≤ 600V	>1GΩ	10KA	200A	10A	15days	E505240
HA3R6-150MT	150V±20%	≤500V	≤ 600V	>1GΩ	10KA	200A	10A	15days	E505240
HA3R6-200MT	200V±20%	≤600V	≤ 700V	>1GΩ	10KA	200A	10A	15days	E505240
HA3R6-230MT	230V±20%	≤600V	≤ 700V	>1GΩ	10KA	200A	10A	15days	E505240
HA3R6-250MT	250V±20%	≤600V	≤ 700V	>1GΩ	10KA	200A	10A	15days	E505240
HA3R6-300MT	300V±20%	≤800V	≤ 900V	>1GΩ	10KA	200A	10A	15days	E505240
HA3R6-350MT	350V±20%	≤900V	≤ 1000V	>1GΩ	10KA	200A	10A	15days	E505240
HA3R6-400MT	400V±20%	≤900V	≤ 1000V	>1GΩ	10KA	200A	10A	15days	E505240
HA3R6-420MT	420V±20%	≤900V	≤ 1000V	>1GΩ	10KA	200A	10A	15days	E505240
HA3R6-470MT	470V±20%	≤1100V	≤ 1200V	>1GΩ	10KA	200A	10A	15days	E505240
HA3R6-500MT	500V±20%	≤1100V	≤ 1200V	>1GΩ	10KA	200A	10A	15days	E505240
HA3R6-550MT	550V±20%	≤1300V	≤ 1400V	>1GΩ	10KA	200A	10A	15days	E505240
HA3R6-600MT	600V±20%	≤1300V	≤1400V	>1GΩ	10KA	200A	10A	15days	E505240
HA3R6-800MT	800V±20%	≤1500V	≤1600V	>1GΩ	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

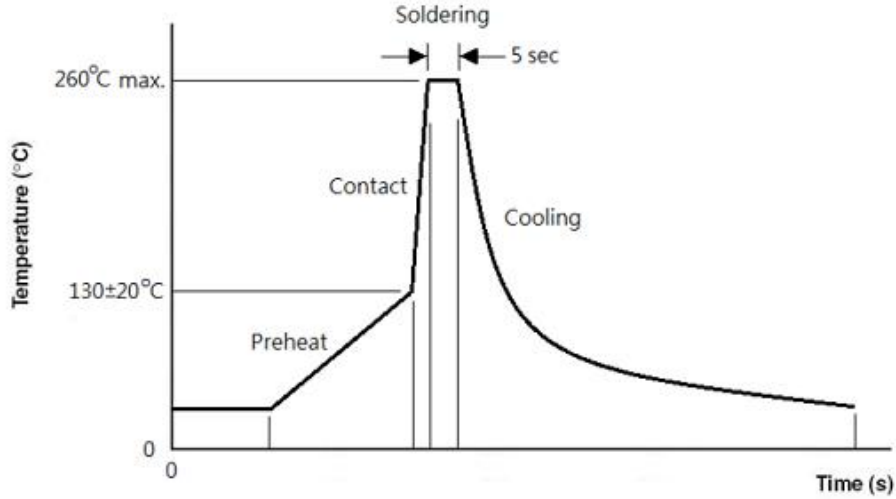
Environmental resistance

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

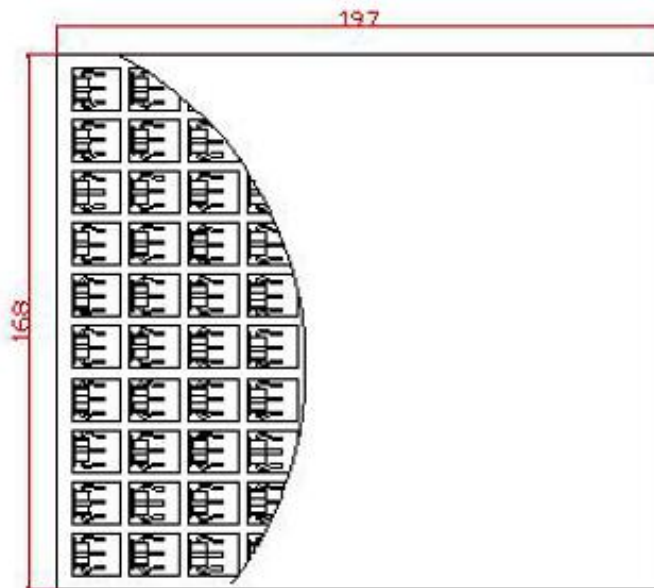
Example Part Number: HA3R6-90MT

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