HUAAN 华兴安电子 HUAAN LIMITED

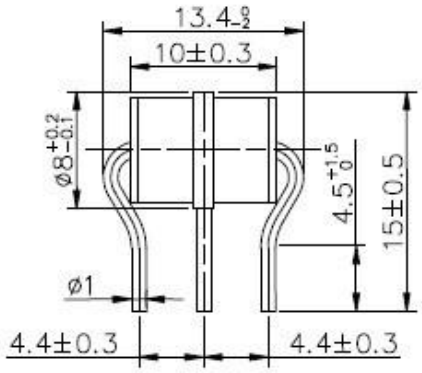
Φ8*10mm

3-Electrode Gas Discharge Tubes

20KA

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: ≤1pF
- •Small size :Φ8x10(mm)
- •Safety certification: UL 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 8/20μs	Impulse Life 300 hits	AC discharge current 50Hz,1s	Delivery time	UL Certificate
	@100V/S	@100V/μs	@1KV/μs	GΩ	10 Times	10x1000μs	10times	days	UL497B
HA3R8-75H	75V ±20%	≤500V	≤ 600V	>1GΩ	20KA	200A	20A	15days	E505240
HA3R8-90H	90V ±20%	≤500V	≤ 600V	>1GΩ	20KA	200A	20A	15days	E505240
HA3R8-140H	140V±20%	≤500V	≤ 600V	>1GΩ	20KA	200A	20A	15days	E505240
HA3R8-150H	150V±20%	≤500V	≤ 600V	>1GΩ	20KA	200A	20A	15days	E505240
HA3R8-200H	200V±20%	≤600V	≤ 700V	>1GΩ	20KA	200A	20A	15days	E505240
HA3R8-230H	230V±20%	≤600V	≤ 700V	>1GΩ	20KA	200A	20A	15days	E505240
HA3R8-250H	250V±20%	≤600V	≤ 700V	>1GΩ	20KA	200A	20A	15days	E505240
HA3R8-300H	300V±20%	≤800V	≤ 900V	>1GΩ	20KA	200A	20A	15days	E505240
HA3R8-350H	350V±20%	≤900V	≤ 1000V	>1GΩ	20KA	200A	20A	15days	E505240
HA3R8-400H	400V±20%	≤900V	≤ 1000V	>1GΩ	20KA	200A	20A	15days	E505240
HA3R8-420H	420V±20%	≤900V	≤ 1000V	>1GΩ	20KA	200A	20A	15days	E505240
HA3R8-470H	470V±20%	≤1100V	≤ 1200V	>1GΩ	20KA	200A	20A	15days	E505240
HA3R8-500H	500V±20%	≤1100V	≤ 1200V	>1GΩ	20KA	200A	20A	15days	E505240
HA3R8-550H	550V±20%	≤1300V	≤ 1400V	>1GΩ	20KA	200A	20A	15days	E505240
HA3R8-600H	600V±20%	≤1300V	≤1400V	>1GΩ	20KA	200A	20A	15days	E505240
HA3R8-800H	800V±20%	≤1500V	≤1600V	>1GΩ	20KA	200A	20A	15days	E505240

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Φ8*10mm

3-Electrode Gas Discharge Tubes 20KA

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

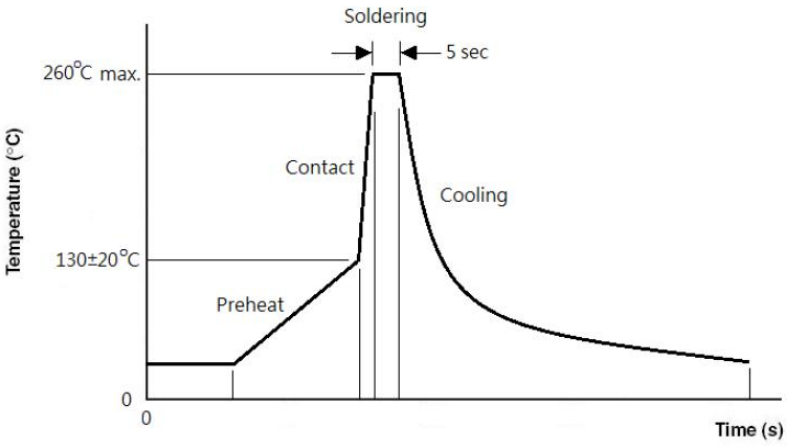
Environmental resistance

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

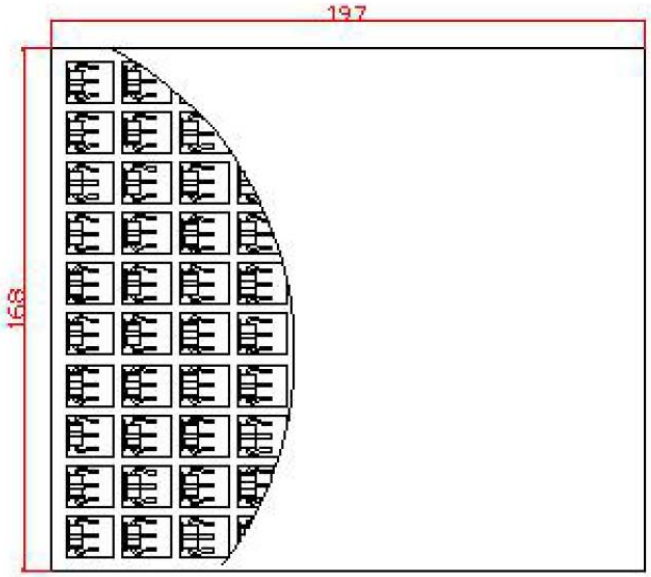
Example Part Number: HA3R8-90H

HA	=	**HUAAN**
3	=	**3 Electrode device**
R	=	**Gas Discharge Tube**
8	=	**8mm Diameter**
90	=	**90V**
H	=	**High Surge 20KA GDT,Axial Lead Wire**

Reflow Soldering Curve



Packaging Information



Packaging Quantity

Part Number	Quantity	
	Per Tray	Per Carton
HA3R8-xxxH Series	**100PCS**	**5000PCS**