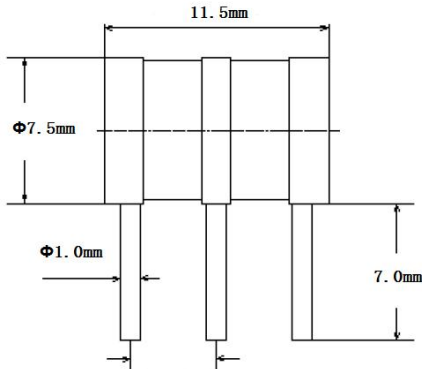


3-Electrode Gas Discharge Tubes

1: Dimension(mm)

20KA
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 : $\Phi 7.5 \times 11.5\text{mm}$
- 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/ μs	@1KV/ μs	G Ω	10 Times	10x1000 μs	10times	days	UL497B
HA3R7-75HT	75V $\pm 20\%$	$\leq 500\text{V}$	$\leq 600\text{V}$	$> 1\text{G}\Omega$	20KA	300A	20A	15days	E505240
HA3R7-90HT	90V $\pm 20\%$	$\leq 500\text{V}$	$\leq 600\text{V}$	$> 1\text{G}\Omega$	20KA	300A	20A	15days	E505240
HA3R7-140HT	140V $\pm 20\%$	$\leq 500\text{V}$	$\leq 600\text{V}$	$> 1\text{G}\Omega$	20KA	300A	20A	15days	E505240
HA3R7-150HT	150V $\pm 20\%$	$\leq 500\text{V}$	$\leq 600\text{V}$	$> 1\text{G}\Omega$	20KA	300A	20A	15days	E505240
HA3R7-200HT	200V $\pm 20\%$	$\leq 600\text{V}$	$\leq 700\text{V}$	$> 1\text{G}\Omega$	20KA	300A	20A	15days	E505240
HA3R7-230HT	230V $\pm 20\%$	$\leq 600\text{V}$	$\leq 700\text{V}$	$> 1\text{G}\Omega$	20KA	300A	20A	15days	E505240
HA3R7-250HT	250V $\pm 20\%$	$\leq 600\text{V}$	$\leq 700\text{V}$	$> 1\text{G}\Omega$	20KA	300A	20A	15days	E505240
HA3R7-300HT	300V $\pm 20\%$	$\leq 800\text{V}$	$\leq 900\text{V}$	$> 1\text{G}\Omega$	20KA	300A	20A	15days	E505240
HA3R7-350HT	350V $\pm 20\%$	$\leq 900\text{V}$	$\leq 1000\text{V}$	$> 1\text{G}\Omega$	20KA	300A	20A	15days	E505240
HA3R7-400HT	400V $\pm 20\%$	$\leq 900\text{V}$	$\leq 1000\text{V}$	$> 1\text{G}\Omega$	20KA	300A	20A	15days	E505240
HA3R7-420HT	420V $\pm 20\%$	$\leq 900\text{V}$	$\leq 1000\text{V}$	$> 1\text{G}\Omega$	20KA	300A	20A	15days	E505240
HA3R7-470HT	470V $\pm 20\%$	$\leq 1100\text{V}$	$\leq 1200\text{V}$	$> 1\text{G}\Omega$	20KA	300A	20A	15days	E505240
HA3R7-500HT	500V $\pm 20\%$	$\leq 1100\text{V}$	$\leq 1200\text{V}$	$> 1\text{G}\Omega$	20KA	300A	20A	15days	E505240
HA3R7-550HT	550V $\pm 20\%$	$\leq 1300\text{V}$	$\leq 1400\text{V}$	$> 1\text{G}\Omega$	20KA	300A	20A	15days	E505240
HA3R7-600HT	600V $\pm 20\%$	$\leq 1300\text{V}$	$\leq 1400\text{V}$	$> 1\text{G}\Omega$	20KA	300A	20A	15days	E505240
HA3R7-800HT	800V $\pm 20\%$	$\leq 1500\text{V}$	$\leq 1600\text{V}$	$> 1\text{G}\Omega$	20KA	300A	20A	15days	E505240

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

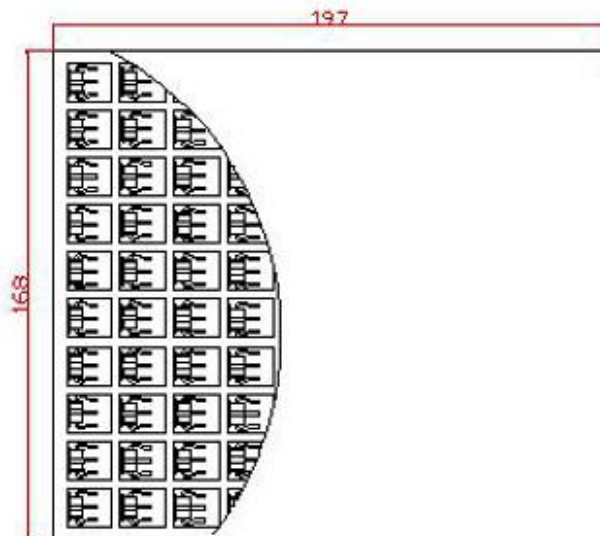
Environmental resistance

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

Example Part Number: HA3R7-90HT

HA	=	HUAAN
3	=	3 Electrode device
R	=	Gas Discharge Tube
7	=	7.5mm Diameter
90	=	90V
H	=	High Surge 20KA
T	=	3 Radial Lead Wire

Packaging Information



Packaging Quantity

Part Number	Quantity	
	Per Tray	Per Carton
HA3R7-xxxHT Series	100PCS	5000PCS