

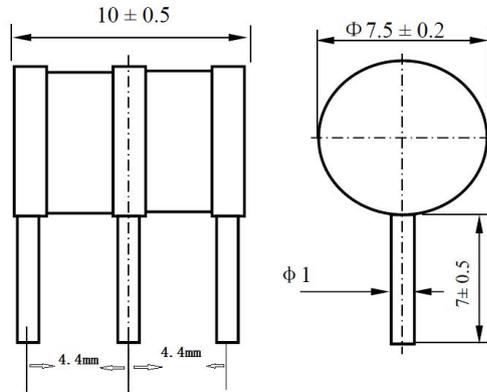
3-Electrode Gas Discharge Tubes

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: ≤1pF
- Small size : Φ7.5x10(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 | GΩ | 10 Times | 10x1000μs | 10times | days | UL497B |
| HA3R7-75M | 75V ±20% | ≤500V | ≤ 600V | >1GΩ | 10KA | 200A | 10A | 15days | E505240 |
| HA3R7-90M | 90V ±20% | ≤500V | ≤ 600V | >1GΩ | 10KA | 200A | 10A | 15days | E505240 |
| HA3R7-140M | 140V±20% | ≤500V | ≤ 600V | >1GΩ | 10KA | 200A | 10A | 15days | E505240 |
| HA3R7-150M | 150V±20% | ≤500V | ≤ 600V | >1GΩ | 10KA | 200A | 10A | 15days | E505240 |
| HA3R7-200M | 200V±20% | ≤600V | ≤ 700V | >1GΩ | 10KA | 200A | 10A | 15days | E505240 |
| HA3R7-230M | 230V±20% | ≤600V | ≤ 700V | >1GΩ | 10KA | 200A | 10A | 15days | E505240 |
| HA3R7-250M | 250V±20% | ≤600V | ≤ 700V | >1GΩ | 10KA | 200A | 10A | 15days | E505240 |
| HA3R7-300M | 300V±20% | ≤800V | ≤ 900V | >1GΩ | 10KA | 200A | 10A | 15days | E505240 |
| HA3R7-350M | 350V±20% | ≤900V | ≤ 1000V | >1GΩ | 10KA | 200A | 10A | 15days | E505240 |
| HA3R7-400M | 400V±20% | ≤900V | ≤ 1000V | >1GΩ | 10KA | 200A | 10A | 15days | E505240 |
| HA3R7-420M | 420V±20% | ≤900V | ≤ 1000V | >1GΩ | 10KA | 200A | 10A | 15days | E505240 |
| HA3R7-470M | 470V±20% | ≤1100V | ≤ 1200V | >1GΩ | 10KA | 200A | 10A | 15days | E505240 |
| HA3R7-500M | 500V±20% | ≤1100V | ≤ 1200V | >1GΩ | 10KA | 200A | 10A | 15days | E505240 |
| HA3R7-550M | 550V±20% | ≤1300V | ≤ 1400V | >1GΩ | 10KA | 200A | 10A | 15days | E505240 |
| HA3R7-600M | 600V±20% | ≤1300V | ≤1400V | >1GΩ | 10KA | 200A | 10A | 15days | E505240 |
| HA3R7-800M | 800V±20% | ≤1500V | ≤1600V | >1GΩ | 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

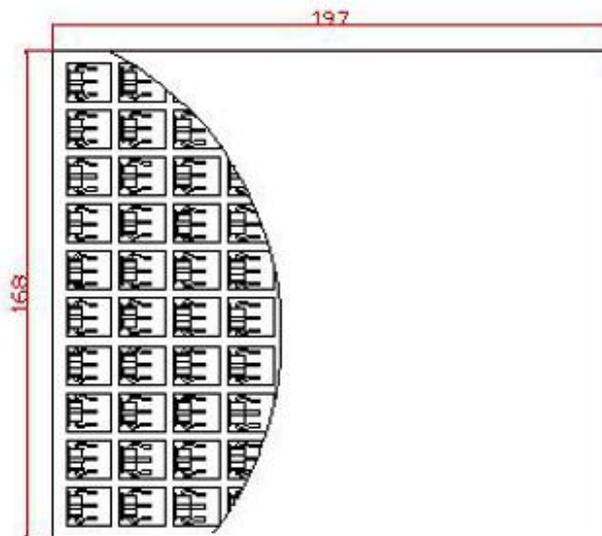
Environmental resistance

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

Example Part Number: HA3R7-90M

| | | |
|----|---|--|
| HA | = | HUAAN |
| 3 | = | 3 Electrode device |
| R | = | Gas Discharge Tube |
| 7 | = | 7.5mm Diameter |
| 90 | = | 90V |
| M | = | Medium Surge 10KA GDT,Radial Lead Wire |

Packaging Information



Packaging Quantity

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