

## SPECIFICATTON FOR APPROVAL

**CUSTOMER NAME:** \_\_\_\_\_

**PRODUCT NAME:** Surge Absorber

**HUAXINAN P/N :** \_\_\_\_\_

**CUSTOMER P/N :** \_\_\_\_\_

### Customer

Manufacturing Department: \_\_\_\_\_

Quality Assurance Department: \_\_\_\_\_

Engineering Department: \_\_\_\_\_

company seal:

### Supplier

Manufacturing Department: Lui Wei

Quality Assurance Department: Wei Yu

Engineering Department: wang qing

company seal:

TEL : +86 - 755- 27465585

Fax : +86 - 755- 27270662

Email: sales@huaandz.com

abc0734@126.com

Address:4th Floor,Building 5,Alley2,ZhongWu New District,XiXiang Town,BaoAn District,ShenZhen ,China

Web: www.huaandz.com

**1 Application:**
**Fast Delivery Time**

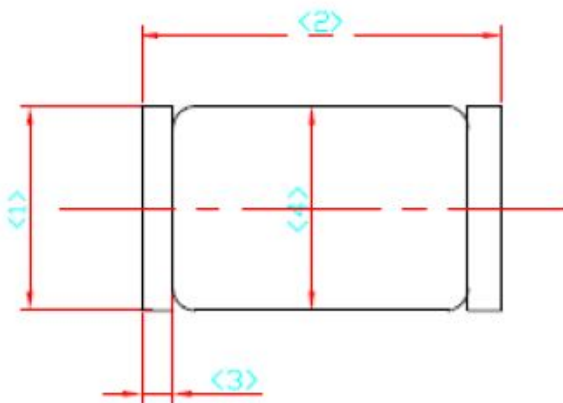
- For instantaneous over-voltage protection to ADSL,ISDN,MODEM,FAX,TEL,Power Supplies,Alarm systems.
- For instantaneous over-voltage protection to RS485,RS232 port, CATV,video transceiver.
- For instantaneous over-voltage protection to ammeter,water meter auto admin system, etc

**2 Features**

- Small capacitance and excellent insulation resistance(100MΩ min).
- Small size,No polarity.No dark effect.
- Low electrode capacitance(1pF max).
- Quick response for electrostatic,surge voltage and low limiting voltage.
- Stable for repeated discharge test conditions.
- Operating temperature: -40℃ ~ +85℃. Storage temperature: -40℃ ~ +125℃.

**3 Electrical Characteristics**

| Part Number     | DC Spark-Over Voltage Vs(V) |             | Insulation Resistance |         | Capacitance of electrostatic 1KHz-6V(PF) | Surge current capacity 8/20us |
|-----------------|-----------------------------|-------------|-----------------------|---------|--|-------------------------------|
|                 | Nominal value               | (min-max)   | Test voltage          | IR (MΩ) |  |                               |
| <b>HAD-141N</b> | 140V                        | (98V-182V)  | DC50V                 | >100MΩ  | 0.8PF(MAX)                               | 300A                          |
| <b>HAD-201M</b> | 200V                        | (160V-240V) | DC100V                |         |  |                               |
| <b>HAD-301M</b> | 300V                        | (240V-360V) |                       |         |  |                               |

**4 Dimension(Diameter 1.4mm , Length 3.45mm)**


| Symbol         | (1)  | (2)  | (3)  | (4)  |
|----------------|------|------|------|------|
| Dimension (mm) | ±0.2 | ±0.2 | ±0.1 | ±0.2 |
|                | 1.4  | 3.45 | 0.4  | 1.4  |

**HAD Series**

**300A**

**5 Marking of colour code:**

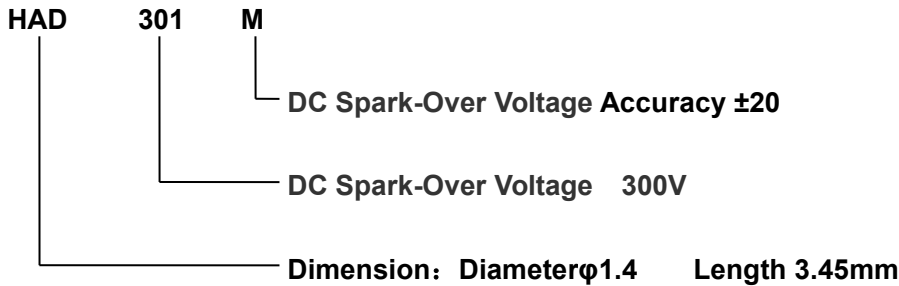
**Fast Delivery Time**

NO



**HAD Series Photo**

**6 Part Number Description:**



**7 Packing Quantity (2500PCS)**