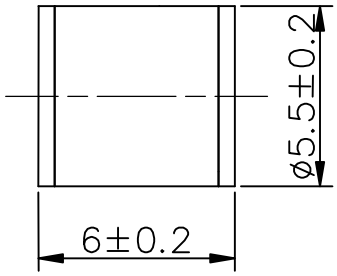
UNION

RoHS

2-Electrode Gas Tube Arrester

UN2E5-90L **Φ5.5×6** **5KA**

Dimension



Unit:mm

Nickel-plated

Electrical Specifications

DC Spark-over Voltage at 100V/S	90±20%	V
Impulse Spark-over Voltage		
at 100V/μs	<450	V
at 1KV/μs	<600	V
Life:		
Impulse Discharge current 8/20μs (±5 times)	5	KA
10/1000μs (300 times)	100	A
AC Discharge current (1S,5times interval 3 minutes)	5	A
Insulation resistance at DC 50V	>1000	MΩ
Electrode Capacitance at 1MHz	<1.0	pF
Arc Voltage at 1A	~25	V
Glow Voltage at 1mA	~60	V
Holdover Voltage at 100mA,＜150mS	52	V
Weight	~0.7	g
Operation and storage Temperature	-40~+90	℃
Marking, Black	**UNION 90L-YY** 90 -Nominal voltage L -5KA YY -Year of production	

Applications

- u Telephone / Fax / modem protection
- u Date/Single line protection
- u XDSL-splitter
- u Cable TV / Coaxial cable protection
- u Tower mounted amplifier
- u Consumer electronis

Feature

- u Non-Radioactive
- u RoHS Compliant
- u LOW Capacitance
- u High insulation resistance
- u Fast response-time
- u Small size

Notes:

1. Terms in accordance with ITU-T K.12 and GB/T 9043-2008
2. At delivery AQL 0.65 level Ⅱ, DIN ISO 2859
3. After life test:
   DC Spark-over Voltage at 100V/S : 90±30%
   Impulse Spark-over Voltage at 1KV/μs<700V