

Surge arrester

2-electrode arrester

 Series/Type:
 ES1000XS

 Ordering code:
 B88069X6561B502

 Version/Date:
 Issue 02 / 2011-03-09

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Surge arrester

2-electrode arrester

B88069X6561B502 **ES1000XS**

Features

- Extremely small size
- Fast response time
- Stable performance over life
- Extremely low capacitance
- High insulation resistance
- **RoHS-compatible**

Electrical specifications

Applications

- Modem
- **Consumer electronics**
- Tuner

DC spark-over voltage ^{1) 2) 3)}	1000 ± 10	V %	
Impulse spark-over voltage at 100 V/µs - for 99 % of measured values - typical values of distribution	< 1400 < 1200	V V	
Service life 1 operation 8/20 μs	2	kA	
Insulation resistance at 100 V_{DC}	> 1	GΩ	
Capacitance at 1 MHz	< 1	pF	
Weight	~ 0.5	g	
Operation and storage temperature	-40 +90	°C	
Climatic category (IEC 60068-1)	40/ 90/ 21		
Marking, red positive	ES - Series 1000 - Nominal voltag YY - Year of produc	1000- Nominal voltageYY- Year of production	

¹⁾ At delivery AQL 0.65 level II, DIN ISO 2859 ²⁾ In ionized mode

³⁾ The first DC spark-over value immediately after changing polarity shall not be considered.

Terms in accordance with ITU-T Rec. K.12 and DIN 57845/VDE0845

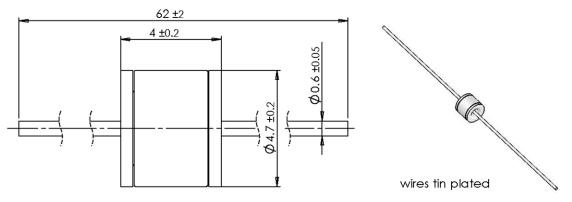


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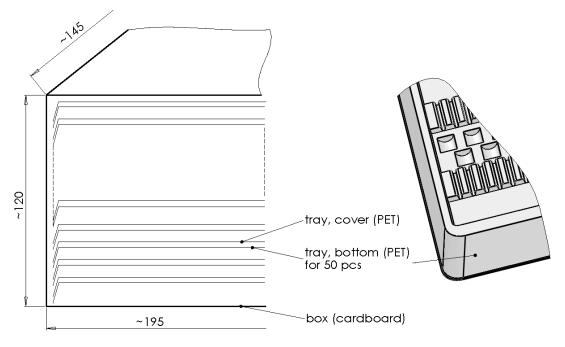
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Dimensional drawing in mm



Ordering code and packing advice



Cautions and warnings

- Surge arresters must not be operated directly in power supply networks.
- Surge arresters may become hot in case of longer periods of current stress (danger of burning).
- Surge arresters may be used only within their specified values. In case of overload, the head contacts may fail or the component may be destroyed.
- Damaged surge arresters must not be re-used.



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