

Surge Arrester

ES300XN

2-Electrode-Arrester

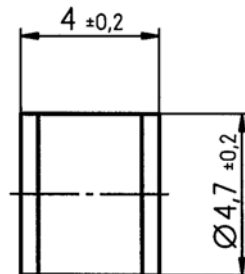
Ordering code: B88069X4190T103

DC spark-over voltage <sup>1) 2)</sup>	250 ... 345	V
Impulse spark-over voltage		
at 100 V/μs   - for 99 % of measured values	< 500	V
- typical values of distribution	< 450	V
at 1 kV/μs    - for 99 % of measured values	< 600	V
- typical values of distribution	< 550	V
Nominal impulse discharge current (wave 8/20 μs)	2.5	kA
Single impulse discharge current (wave 8/20 μs)	5	kA
Insulation resistance at 100 V <sub>dc</sub>	> 1	GΩ
Capacitance at 1 MHz	< 1	pF
Arc voltage at 1 A	~ 11	V
Glow to arc transition current	< 0.5	A
Glow voltage	~ 130	V
Weight	~ 1	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, red	<b>EPCOSES 300 YY O</b> ES       - Series 300      - Nominal voltage YY      - Year of production O        - Non radioactive	

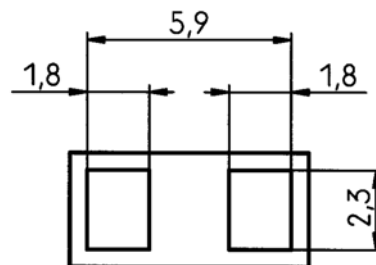
<sup>1)</sup> At delivery AQL 0.65 level II, DIN ISO 2859

<sup>2)</sup> In ionized mode

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



tin-plated



empfohlene Lötfläche/  
recommended pad outline

Not to scale

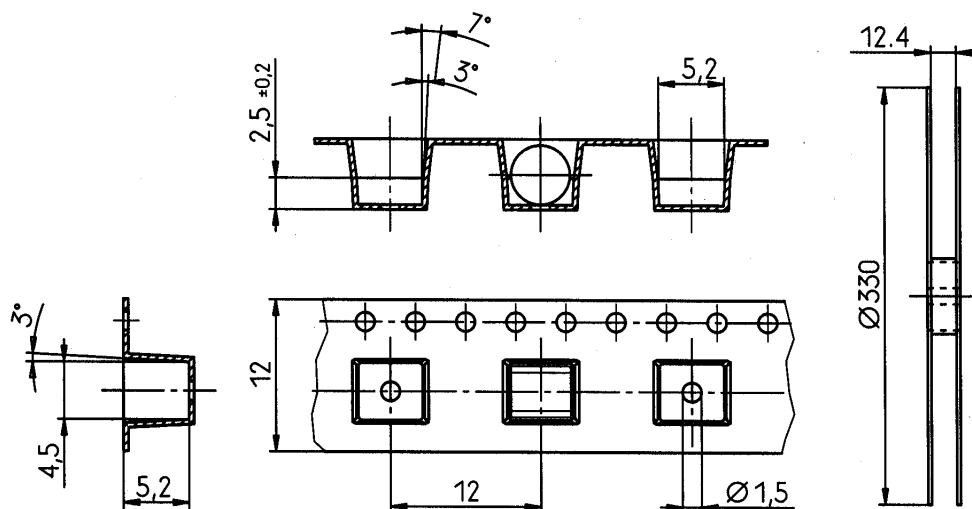
Dimensions in mm

Non controlled document

### Packing

T103 = tape and reel with 1000 pcs

Tape and reel packing comply with the specification of IEC 60286-3 (see below)



© EPCOS AG 2002. Reproduction, publication and dissemination of this data sheet, enclosures hereto and the information contained therein without EPCOS' prior express consent is prohibited.

Purchase orders are subject to the General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry recommended by the ZVEI (German Electrical and Electronic Manufacturers' Association), unless otherwise agreed.



中发网 WWW.ZFA.CN

全球最大的PDF中文下载站



**中发网**  
www.zfa.cn

**PDF 资料下载尽在中发网**