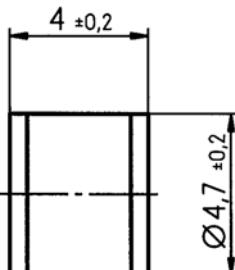


Surge Arrester**ES300XN****2-Electrode-Arrester**Ordering code: **B88069X4190T103**

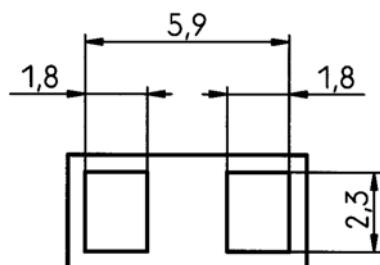
DC spark-over voltage ^{1) 2)}	250 ... 345	V
Impulse spark-over voltage at 100 V/μs - for 99 % of measured values - typical values of distribution	< 500 < 450	V V
at 1 kV/μs - for 99 % of measured values - typical values of distribution	< 600 < 550	V V
Nominal impulse discharge current (wave 8/20 μs)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

¹⁾ At delivery AQL 0.65 level II, DIN ISO 2859²⁾ In ionized mode

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



tin-plated



Not to scale

Dimensions in mm

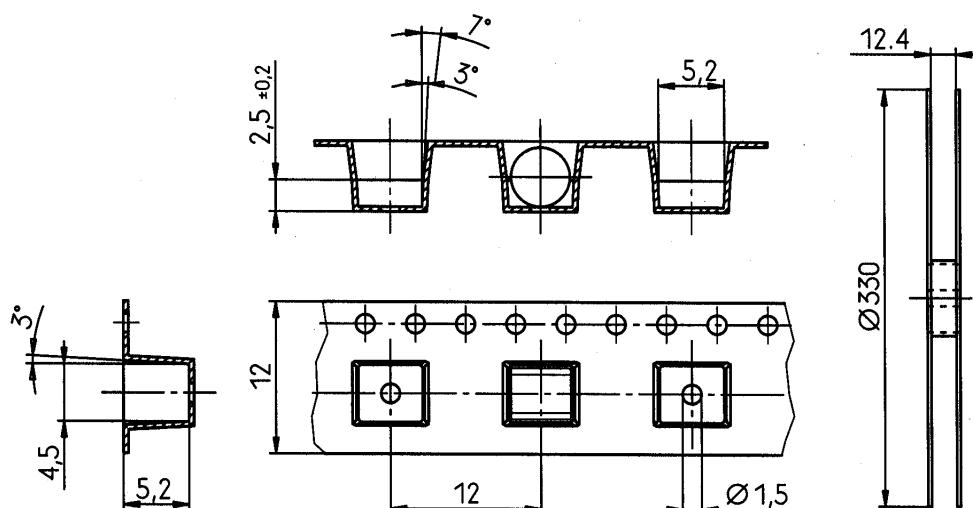
empfohlene Lötfläche/
recommended pad outline

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)



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