



Surge Arrester

2-Electrode-Arrester

Series/Type:	A81-A250XSMD
Ordering code:	B88069X1520T352
Date:	27.10.2003
Version:	01

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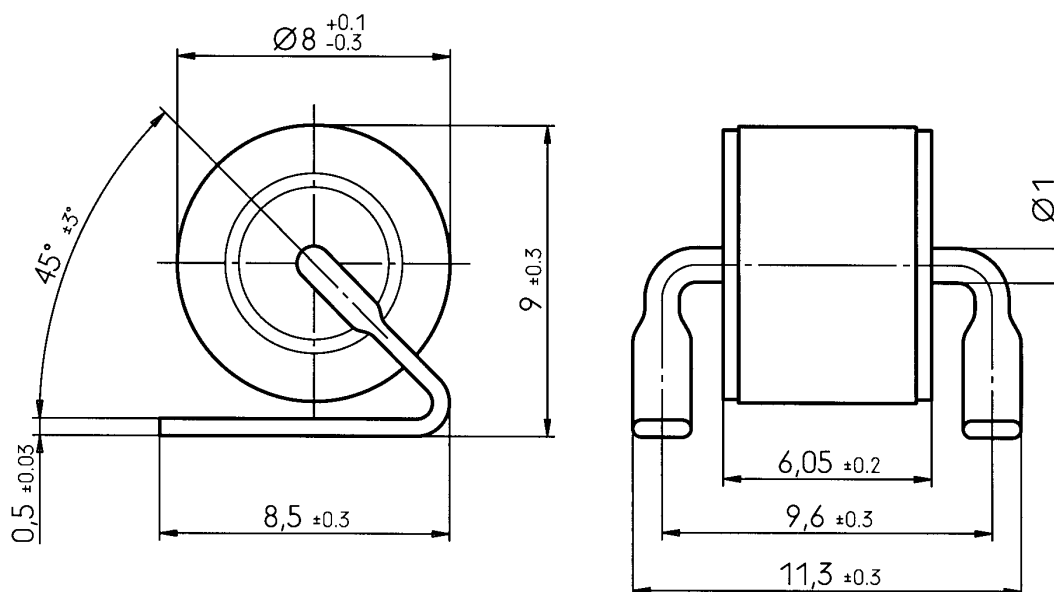
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DC spark-over voltage ¹⁾	250 ± 20	V %
Impulse spark-over voltage at 100 V/μs - for 99 % of measured values - typical values of distribution	< 550 < 500	V V
at 1 kV/μs - for 99 % of measured values - typical values of distribution	< 700 < 650	V V
Nominal impulse discharge current (wave 8/20 μs)	20	kA
Single impulse discharge current (wave 8/20 μs)	25	kA
Nominal alternating discharge current (50 Hz, 1 s)	10	A
Alternating discharge current (50 Hz, 9 cycles)	100	A
Insulation resistance at 100 V _{dc}	> 10	GΩ
Capacitance at 1 MHz	< 1.5	pF
Arc voltage at 1 A	~ 15	V
Glow to arc transition current	~ 0.5	A
Glow voltage	~ 60	V
Weight	~ 1.5	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, blue	EPCOS 250 YY O 250 - Nominal voltage YY - Year of production O - Non radioactive	

¹⁾ At delivery AQL 0.65 level II, DIN ISO 2859
 Terms in accordance with ITU-T Rec. K.12 and DIN 57845/VDE0845

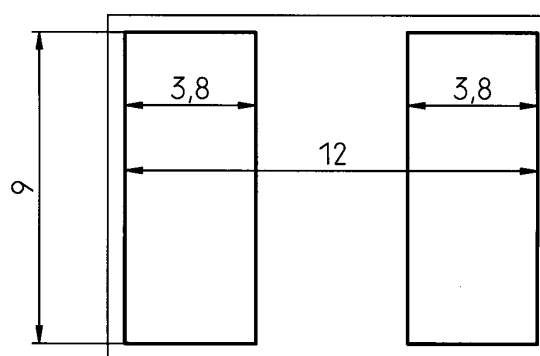
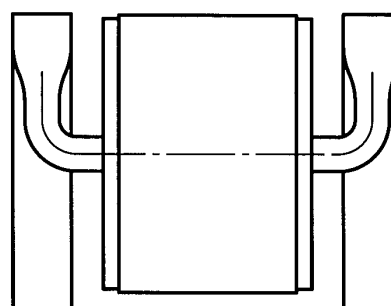


tin-plated

Not to scale

Dimensions in mm

Non controlled document



recommended pad outline

Tape and reel packing comply with the specification of IEC 60286-3