



Surge Arrester

2-Electrode-Arrester

Series/Type:	A81-A250X
Ordering code:	B88069X1500xxxx
Date:	27.10.2003
Version:	Issue 01

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A81-A250X

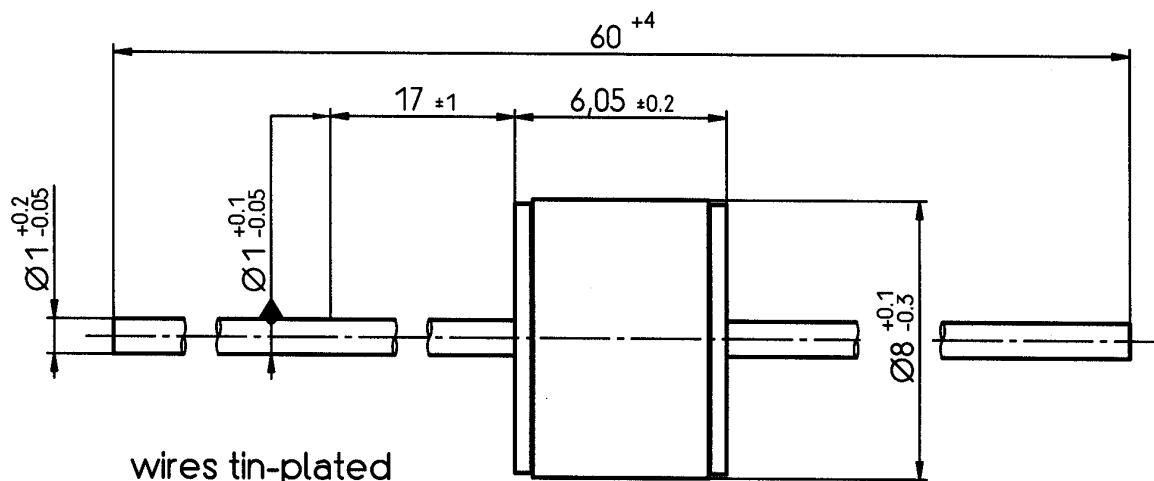
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Ordering code: B88069X1500xxxx ^{a)}

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 at 1 kV/μs - for 99 % of measured values - typical values of distribution	< 550 < 500 < 700 < 650	V V V V
Nominal impulse discharge current (wave 8/20 μs) Single impulse discharge current (wave 8/20 μs)	20 25	kA kA
Nominal alternating discharge current (50 Hz, 1 s) Alternating discharge current (50 Hz, 9 cycles)	10 100	A A
Insulation resistance at 100 V _{dc}	> 10	GΩ
Capacitance at 1 MHz	< 1.5	pF
Arc voltage at 1 A Glow to arc transition current Glow voltage	~ 15 ~ 0.5 ~ 60	V A 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	

^{a)} xxxx = S102 (100 pcs on 5 taped stripes)
= T502 (500 pcs on tape and reel)

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



wires tin-plated

Not to scale

Dimensions in mm

Non controlled document

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Mouser Electronics

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