

Surge Arrester

EM3000XB

2-Electrode-Arrester

Ordering code: B88069X6140B502

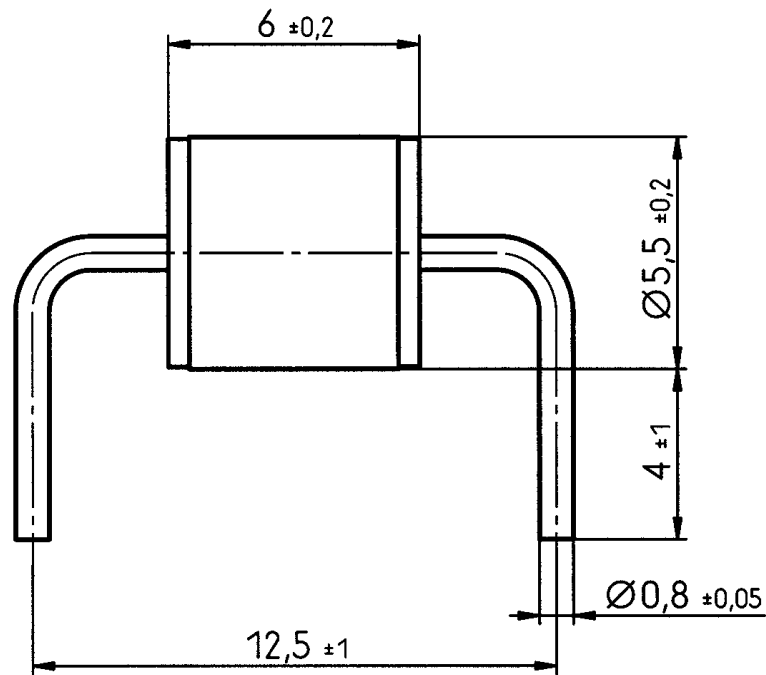
DC spark-over voltage ^{1) 2)}	3000 ± 20	V %
Impulse spark-over voltage		
at 100 V/μs - for 99 % of measured values	< 4200	V
- typical values of distribution	< 3800	V
at 1 kV/μs - for 99 % of measured values	< 5000	V
- typical values of distribution	< 4200	V
Service life ³⁾		
3 operations 8/20 μs	2	kA
300 operations 8/20 μs	100	A
10 operations 50 Hz; 1 s	1	A
Insulation resistance at 100 V _{dc}	> 1	GΩ
Capacitance at 1 MHz	< 1	pF
Arc voltage at 1 A	~ 15	V
Glow to arc transition current	< 1	A
Glow voltage	~ 80	V
Weight	~ 1	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, red	EPCOSEM 3000 YY O EM - Series 3000 - Nominal voltage YY - Year of production O - Non radioactive	

¹⁾ At delivery AQL 0.65 level II, DIN ISO 2859

²⁾ In ionized mode

³⁾ Arrester has to meet: Voltage withstand test AC 1500 V, 1min

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



Not to scale

Dimensions in mm

Non controlled document



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