

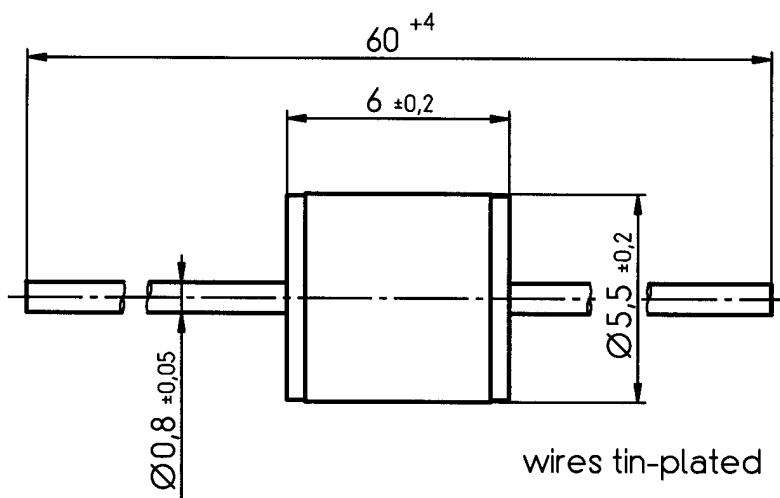
DC spark-over voltage ¹⁾²⁾	90 ± 20	V %
Impulse spark-over voltage at 100 V/μs - for 99 % of measured values - typical values of distribution	< 350 < 280	V V
at 1 kV/μs - for 99 % of measured values - typical values of distribution	< 600 < 530	V V
Nominal impulse discharge current (wave 8/20 μs)	2.5	kA
Single impulse discharge current (wave 8/20 μs)	5	kA
Nominal alternating discharge current (50 Hz, 1 s)	2.5	A
Alternating discharge current (50 Hz, 9 cycles)	5	A
Insulation resistance at 50 V _{dc}	> 1	GΩ
Capacitance at 1 MHz	< 1	pF
Arc voltage at 1 A	~ 15	V
Glow to arc transition current	~ 0.8	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 90 YY O EM - Series 90 - 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

²⁾ In ionized mode

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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