EPCOS

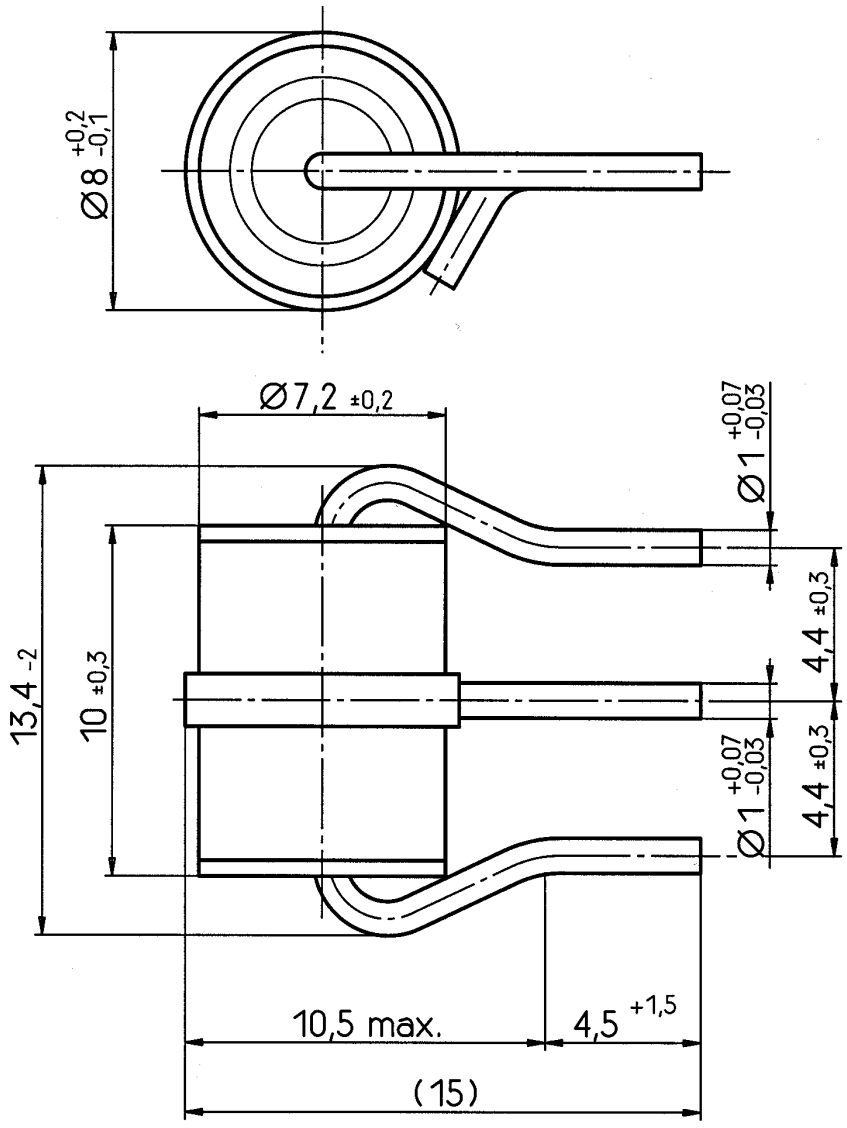
Surge Arrester **T83-C600X**

3-Electrode-Arrester **Ordering code: B88069X8530B502**

DC spark-over voltage [1) 2) 4)]	420 … 702	V
Impulse spark-over voltage [4)]		
at 100 V/µs - for 99 % of measured values	< 900	V
- typical values of distribution	< 800	V
at 1 kV/µs - for 99 % of measured values	< 1100	V
- typical values of distribution	< 1000	V
Nominal impulse discharge current (wave 8/20 µs) [5)]	10	kA
Single impulse discharge current (wave 8/20 µs) [5)]	15	kA
Nominal alternating discharge current (50 Hz, 1 s) [5)]	10	A
Alternating discharge current (50 Hz, 9 cycles) [5)]	40	A
Insulation resistance at 100 V_{dc} [4)]	> 10	GΩ
Capacitance at 1 MHz [4)]	< 1.5	pF
Transverse delay time [3)]	< 0.2	µs
Arc voltage at 1 A	~ 30	V
Glow to arc transition current	~ 1	A
Glow voltage	~ 200	V
Weight	~ 2	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, red	**EPCOS** **600 YY O** 600 - 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) Test according to ITU-T Rec. K.12
4) Tip or ring electrode to center electrode
5) Total current through center electrode, half value through tip respectively ring electrode.

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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