



Surge Arrester

3-Electrode-Arrester

Series/Type: T90-A230X
Ordering code: B88069X6700C253
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DC spark-over voltage ^{1) 2) 3)}	184 ... 276	V
DC spark-over voltage ^{2) 4)}	176 ... 550	V
Impulse spark-over voltage		
at 100 V/ μ s - for 99 % of measured values ³⁾	< 650	V
- for 50 % of measured values ³⁾	< 550	V
at 1 kV/ μ s - for 99 % of measured values ³⁾	< 800	V
- for 50 % of measured values ³⁾	< 700	V
Insulation resistance at 100 V _{dc} ³⁾	> 1	G Ω
Capacitance at 1 MHz ³⁾	< 1.5	pF
Impulse life		
300 operations 10/1000 μ s ⁵⁾	200	A
Nominal impulse discharge current		
10 operations 8/20 μ s ⁵⁾	5	kA
10 operations 8/20 μ s ⁶⁾	5	kA
Nominal alternating discharge current		
10 operations 50 Hz; 1 s ⁵⁾	5	A _{rms}
10 operations 50 Hz; 1 s ⁶⁾	5	A _{rms}
DC holdover voltage ⁸⁾		
at 52 V _{dc} / 260 Ω	< 150	ms
at 80 V _{dc} / 330 Ω	< 150	ms
at 135 V _{dc} / 1300 Ω	< 150	ms
Activation after reflow soldering ⁷⁾		
1 operation U _{RMS} = 600 V; 1 s	2	A
Weight	~ 0.8	g
Storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, blue	EPCOS 230 YY O 230 - 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⁾ Tip or ring electrode to center electrode

⁴⁾ Tip to ring electrode

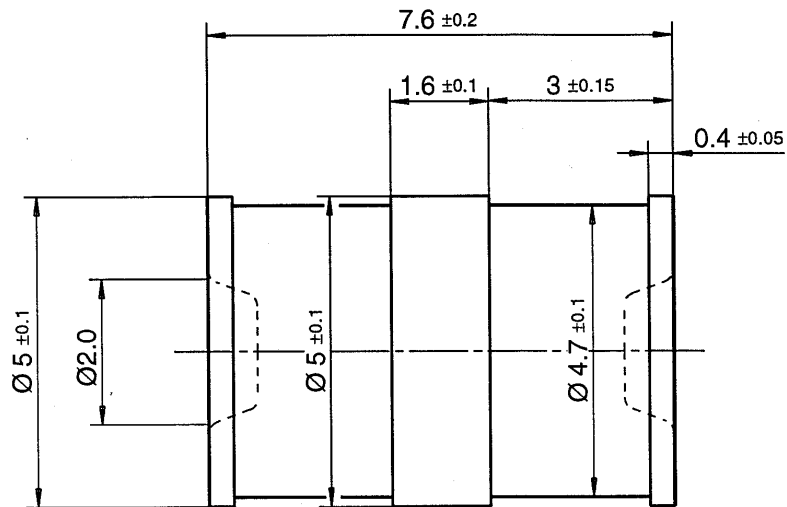
⁵⁾ Total current through center electrode, half value through tip respectively ring electrode

⁶⁾ Total current through center electrode, same value through tip respectively ring electrode

⁷⁾ Total current from ring to tip electrode

⁸⁾ Test in accordance with ITU-T Rec. K.12

Terms in accordance with ITU-T Rec. K.12 and DIN 57845/VDE 0845



Oberfläche verzinkt /
surface tin-plated

Not to scale

Dimensions in mm

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