

DC spark-over voltage <sup>1) 2) 3)</sup>	184 ... 276	V
DC spark-over voltage <sup>2) 4)</sup>	176 ... 550	V
Impulse spark-over voltage		
at 100 V/ $\mu$ s - for 99 % of measured values <sup>3)</sup>	< 650	V
- for 50 % of measured values <sup>3)</sup>	< 550	V
at 1 kV/ $\mu$ s - for 99 % of measured values <sup>3)</sup>	< 800	V
- for 50 % of measured values <sup>3)</sup>	< 700	V
Insulation resistance at 100 V <sub>dc</sub> <sup>3)</sup>	> 1	G $\Omega$
Capacitance at 1 MHz <sup>3)</sup>	< 1.5	pF
Impulse life		
300 operations      10/1000 $\mu$ s <sup>5)</sup>	200	A
Nominal impulse discharge current		
10 operations      8/20 $\mu$ s <sup>5)</sup>	5	kA
10 operations      8/20 $\mu$ s <sup>6)</sup>	5	kA
Nominal alternating discharge current		
10 operations      50 Hz; 1 s <sup>5)</sup>	5	A <sub>rms</sub>
10 operations      50 Hz; 1 s <sup>6)</sup>	5	A <sub>rms</sub>
DC holdover voltage <sup>8)</sup>		
at 52 V <sub>dc</sub> / 260 $\Omega$	< 150	ms
at 80 V <sub>dc</sub> / 330 $\Omega$	< 150	ms
at 135 V <sub>dc</sub> / 1300 $\Omega$	< 150	ms
Activation after reflow soldering <sup>7)</sup>		
1 operation      U <sub>RMS</sub> = 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	<b>EPCOS</b> <b>230 YY O</b> 230 - Nominal voltage YY - Year of production O - Non radioactive	

<sup>1)</sup> At delivery AQL 0.65 level II, DIN ISO 2859

<sup>2)</sup> In ionized mode

<sup>3)</sup> Tip or ring electrode to center electrode

<sup>4)</sup> Tip to ring electrode

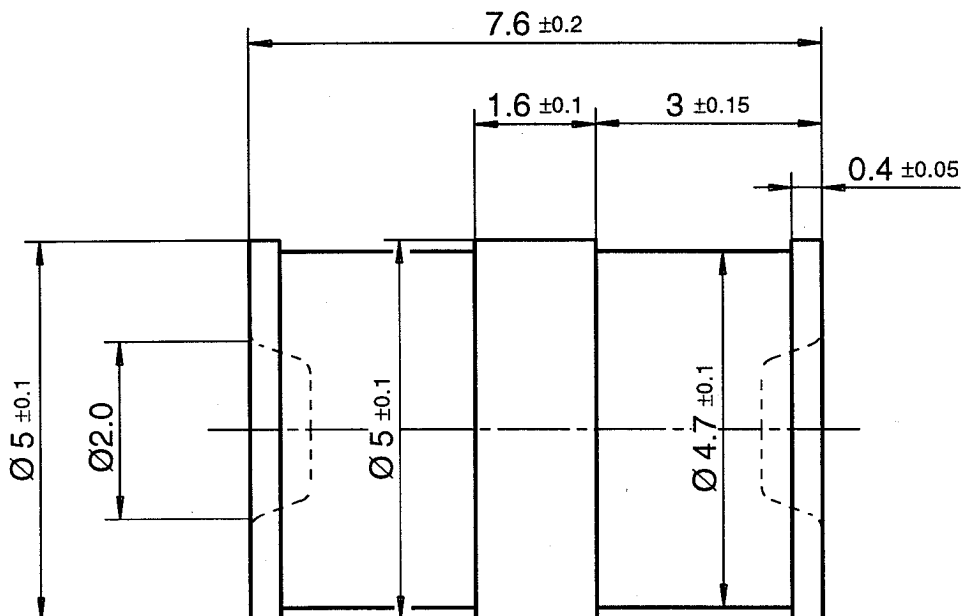
<sup>5)</sup> Total current through center electrode, half value through tip respectively ring electrode

<sup>6)</sup> Total current through center electrode, same value through tip respectively ring electrode

<sup>7)</sup> Total current from ring to tip electrode

<sup>8)</sup> Test in accordance with ITU-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*

*Non controlled document*

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