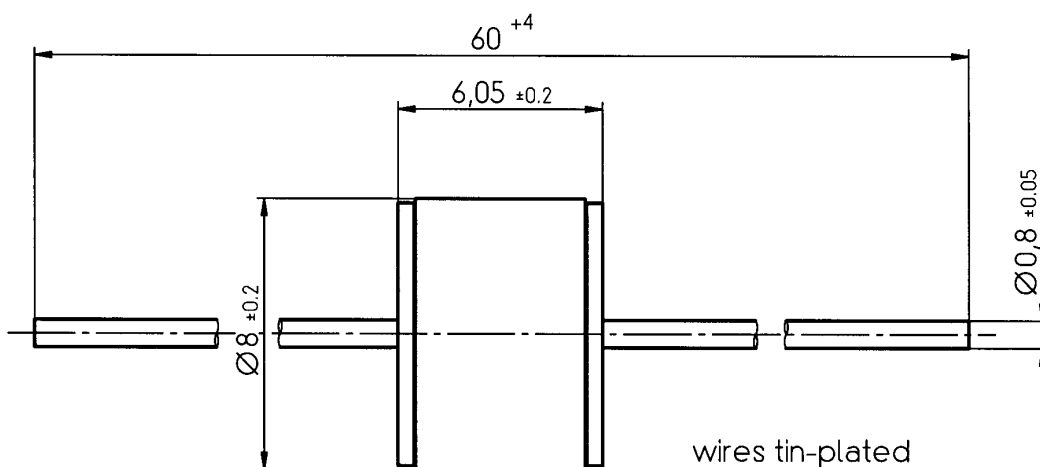


DC spark-over voltage <sup>1)2)</sup>	200 ... 250			V
Initial values				
Ignition time $t_i$ after 150 hours in darkness <sup>3)</sup>	95	99.9	100	%
at -20 °C	≤ 4	≤ 5	≤ 7	s
at +25; 125 °C	≤ 2	≤ 3	≤ 4	s
Electrical life time				
Maximum increase of DC spark-over voltage	25			V
Switching operations at +25; 125 °C				
Switching frequency 10 ... 25 Hz	2 000 000			Ignitions
Switching frequency < 10Hz	4 000 000			Ignitions
Test circuit parameters				
Open circuit voltage $V_0$	230			$V_{ac}$
Loading resistance R	15			k $\Omega$
Discharge capacitance C	2.2			$\mu$ F
Inductance L	10			$\mu$ H
Discharge peak current $I_p$	~ 300			A
Insulation resistance at 100 $V_{dc}$	> 0.1			G $\Omega$
Capacitance at 1 MHz	< 2			pF
Weight	~ 1.5			g
Operation and storage temperature	-20 ... +125			°C
Climatic category (IEC 60068-1)	20/ 125/ 21			
Marking, red	<b>EPCOS CS 230 YMM O</b> CS - Series 230 - Nominal voltage YY - Year of production MM - Month of production O - Non radioactive			

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

<sup>2)</sup> In ionized mode, after load

<sup>3)</sup> Time from capacitor charged to the first high voltage spark  
Test circuit:  $V_{ac} = 198$  V;  $R = 36$  k $\Omega$ ;  $C = 2.2$   $\mu$ F



wires tin-plated

*Not to scale*

*Dimensions in mm*

*Non controlled document*

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