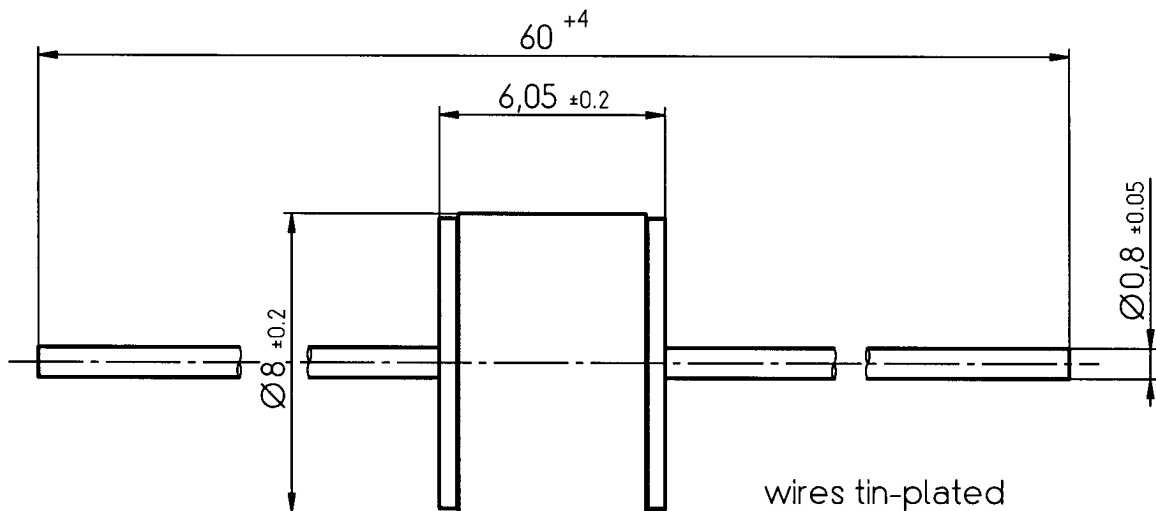


DC spark-over voltage ^{1) 2)}	235 ... 260			V
Initial values				
Ignition time t _i after 150 hours in darkness ³⁾	95	99.9	100	%
at –20 °C	≤ 4	≤ 5	≤ 7	s
at +25; 125 °C	≤ 2	≤ 3	≤ 4	s
Electrical life time A				
Maximum increase of DC spark-over voltage	25			V
Switching operations at +25; 125 °C				
Switching frequency 10 ... 25 Hz	2 000 000			Ignitions
Switching frequency < 10 Hz	4 000 000			Ignitions
Test circuit parameters; 1 s ON, 10 s OFF				
Open circuit voltage V _{0'}	230			V _{ac}
Loading resistance R	15			kΩ
Discharge capacitance C	2.2			μF
Inductance L	10			μH
Discharge peak current I _P	~ 300			A
Electrical life time B				
Switching operations at +25 °C				
Switching frequency 1000 Hz	600 000			Ignitions
Test circuit parameters; 1 cycle 10 min ON				
Open circuit voltage V _{0'}	230			V _{ac}
Loading resistance R	1.5			kΩ
Discharge capacitance C	0.1			μF
Inductance L	7			μH
Discharge peak current I _P	~ 300			A
Insulation resistance at 100 V _{dc}	> 0.1			GΩ
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	EPCOS CS 230 YYMM O CS - Series 230 - Nominal voltage YY - Year of production MM - Month of production O - Non radioactive			

¹⁾ At delivery AQL 0.65 level II, DIN ISO 2859

²⁾ In ionized mode, after load

³⁾ Time from capacitor charged to the first high voltage spark
 Test circuit: $V_{ac} = 198$ V; $R = 36$ kΩ; $C = 2.2$ μF



wires tin-plated

Not to scale

Dimensions in mm

Non controlled document

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