

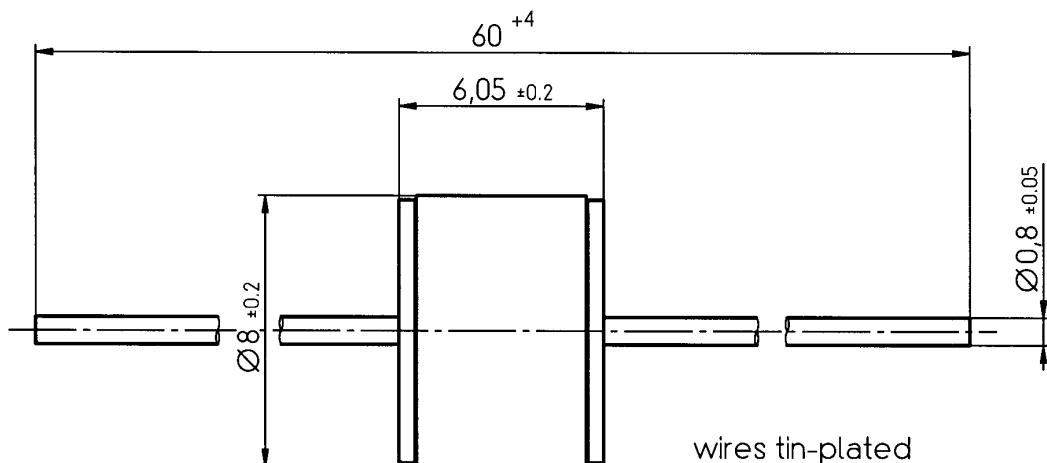
DC spark-over voltage ^{1) 2)}	200 ... 250	V		
Initial values				
Ignition time t_i after 150 hours in darkness ³⁾	95 ≤ 4 ≤ 2	99.9 ≤ 5 ≤ 3	100 ≤ 7 ≤ 4	% s s
at -20 °C				
at +25; 125 °C				
Electrical life time				
Maximum increase of DC spark-over voltage	25	V		
Switching operations at +25; 125 °C				
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	μF		
Inductance L	10	μH		
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	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; $R = 36$ $k\Omega$; $C = 2.2$ μF



Dimensions in mm

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