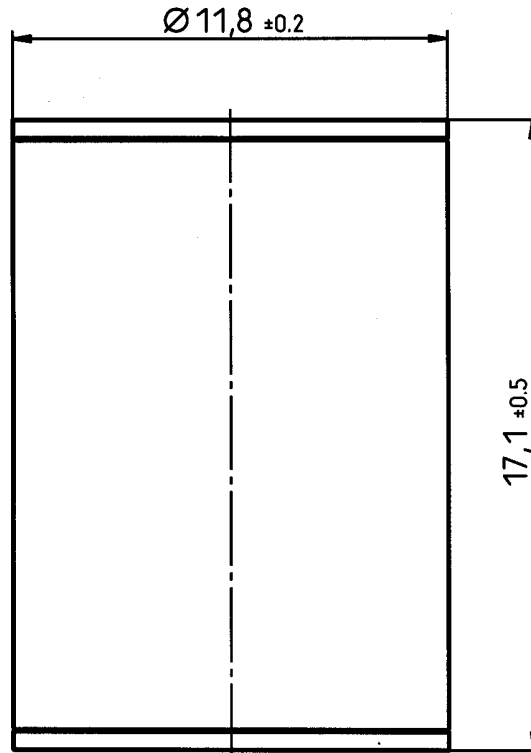


DC spark-over voltage ^{1) 2)}	400 ... 750	V
Impulse spark-over voltage at 5 kV/μs - for 99 % of measured values (wave 1.2/50 μs; 6 kV)	< 1500	V
Insulation resistance at 100 V _{dc}	> 1	GΩ
Capacitance at 1 MHz ²⁾	< 2.5	pF
Impulse discharge current		
15 operations 8/20 μs	40	kA
+ 1 operation 8/20 μs	6	kA
+ 1 operation 8/20 μs	15	kA
+ 1 operation 8/20 μs	30	kA
+ 1 operation 8/20 μs	45	kA
+ 1 operation 8/20 μs	60	kA
1 operation 10/350 μs	1.2	kA
+ 1 operation 10/350 μs	3	kA
+ 1 operation 10/350 μs	6	kA
Nominal alternating discharge current (50 Hz, 0.2 s)	300	A
Max. follow-on current at 250 V _{RMS} ; 20 times	140	A _{peak}
Weight	~ 6,5	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, black	EPCOS500 YY O 500 - Nominal voltage YY - Year of production O - Non radioactive	

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

²⁾ In ionized mode



Not to scale

Dimensions in mm

Non controlled document

© EPCOS AG 2002. Reproduction, publication and dissemination of this data sheet, enclosures hereto and the information contained therein without EPCOS' prior express consent is prohibited.

Purchase orders are subject to the General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry recommended by the ZVEI (German Electrical and Electronic Manufacturers' Association), unless otherwise agreed.