

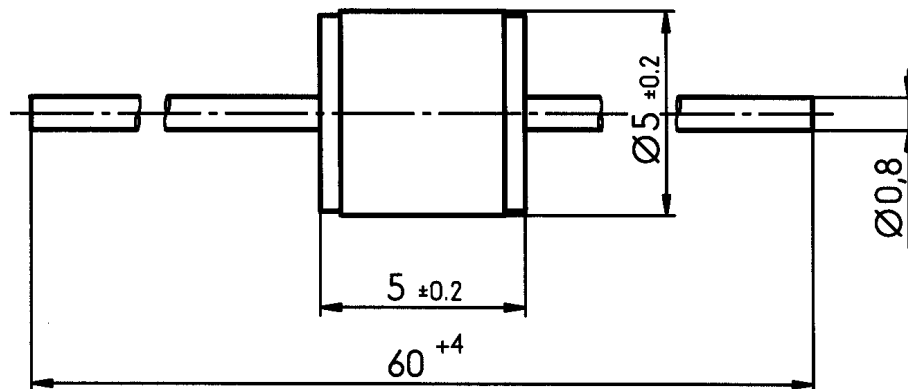
|                                                                                                             |                                                                                                  |        |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------|
| DC spark-over voltage <sup>1) 2)</sup>                                                                      | 900<br>± 20                                                                                      | V<br>% |
| Impulse spark-over voltage<br>at 100 V/μs - for 99 % of measured values<br>- typical values of distribution | < 1700<br>< 1450                                                                                 | V<br>V |
| at 1 kV/μs - for 99 % of measured values<br>- typical values of distribution                                | < 1850<br>< 1600                                                                                 | V<br>V |
| Nominal impulse discharge current (wave 8/20 μs)                                                            | 5                                                                                                | kA     |
| Single impulse discharge current (wave 8/20 μs)                                                             | 10                                                                                               | kA     |
| Single impulse discharge current (wave 10/350 μs) <sup>3)</sup>                                             | 1                                                                                                | kA     |
| Nominal alternating discharge current (50 Hz, 1 s)                                                          | 5                                                                                                | A      |
| Alternating discharge current (50 Hz, 9 cycles)                                                             | 10                                                                                               | A      |
| Insulation resistance at 100 V <sub>dc</sub>                                                                | > 1                                                                                              | GΩ     |
| Capacitance at 1 MHz                                                                                        | < 1                                                                                              | pF     |
| Arc voltage at 1 A                                                                                          | ~ 10                                                                                             | V      |
| Glow to arc transition current                                                                              | ~ 0.5                                                                                            | A      |
| Glow voltage                                                                                                | ~ 60                                                                                             | V      |
| Weight                                                                                                      | ~ 1                                                                                              | g      |
| Operation and storage temperature                                                                           | -40 ... +90                                                                                      | °C     |
| Climatic category (IEC 60068-1)                                                                             | 40/ 90/ 21                                                                                       |        |
| Marking, blue                                                                                               | <b>EPCOS 900 YY O</b><br>900 - Nominal voltage<br>YY - Year of production<br>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> DC spark-over voltage ± 50 % after stress

Terms in accordance with ITU-T Rec. K.12 and DIN 57845/VDE0845



*Not to scale*

*Dimensions in mm*

*Non controlled document*

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