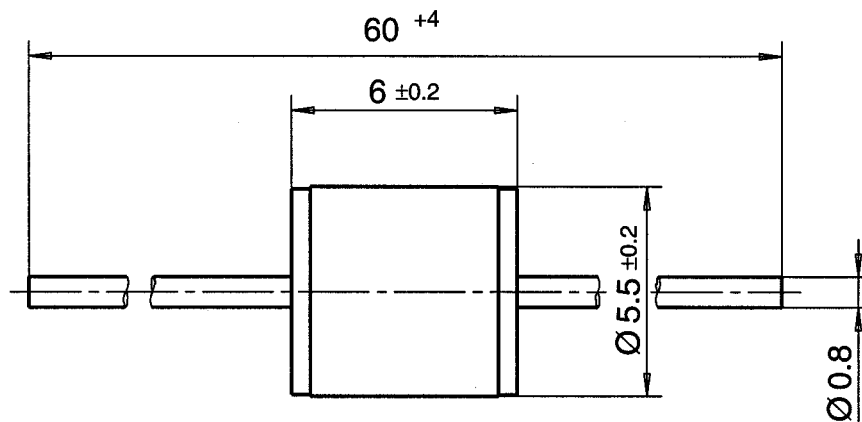


|                                                                                                                                                                                             |                                                                                                                   |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|------------------|
| DC spark-over voltage <sup>1) 2)</sup>                                                                                                                                                      | 230<br>± 20                                                                                                       | V<br>%           |
| Impulse spark-over voltage<br>at 100 V/μs - for 99 % of measured values<br>- typical values of distribution<br>at 1 kV/μs - for 99 % of measured values<br>- typical values of distribution | < 650<br>< 600<br>< 700<br>< 650                                                                                  | V<br>V<br>V<br>V |
| Nominal impulse discharge current (wave 8/20 μs)<br>Single impulse discharge current (wave 8/20 μs)                                                                                         | 2.5<br>5                                                                                                          | kA<br>kA         |
| Nominal alternating discharge current (50 Hz, 1 s)<br>Alternating discharge current (50 Hz 9 cycles,)                                                                                       | 2.5<br>5                                                                                                          | A<br>A           |
| Insulation resistance at 100 V <sub>dc</sub>                                                                                                                                                | > 1                                                                                                               | GΩ               |
| Capacitance at 1 MHz                                                                                                                                                                        | < 1                                                                                                               | pF               |
| Arc voltage at 1 A<br>Glow to arc transition current<br>Glow voltage                                                                                                                        | ~ 11<br>~ 0.5<br>~ 80                                                                                             | V<br>A<br>V      |
| Weight                                                                                                                                                                                      | ~ 1                                                                                                               | g                |
| Operation and storage temperature                                                                                                                                                           | -40 ... +90                                                                                                       | °C               |
| Climatic category (IEC 60068-1)                                                                                                                                                             | 40/ 90/21                                                                                                         |                  |
| Marking, red                                                                                                                                                                                | <b>EPCOSEM 230 YY O</b><br>EM - Series<br>230 - 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

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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