

# Surge Arrester

M51-A600XSMD

## 2-Electrode-Arrester

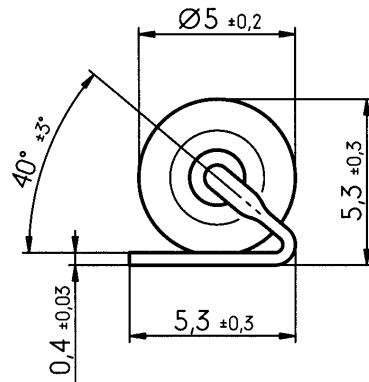
Ordering code: B88069X4480T902

|                                                    |                                                                                                               |    |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----|
| DC spark-over voltage <sup>1) 2)</sup>             | 570 ... 780                                                                                                   | V  |
| Impulse spark-over voltage                         |                                                                                                               |    |
| at 100 V/μs   - for 99 % of measured values        | < 1350                                                                                                        | V  |
| - typical values of distribution                   | < 1200                                                                                                        | V  |
| at 1 kV/μs    - for 99 % of measured values        | < 1500                                                                                                        | V  |
| - typical values of distribution                   | < 1350                                                                                                        | V  |
| Nominal impulse discharge current (wave 8/20 μs)   | 5                                                                                                             | kA |
| Single impulse discharge current (wave 8/20 μs)    | 10                                                                                                            | 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 600 YY O</b><br>600    - Nominal voltage<br>YY     - Year of production<br>O       - Non radioactive |    |

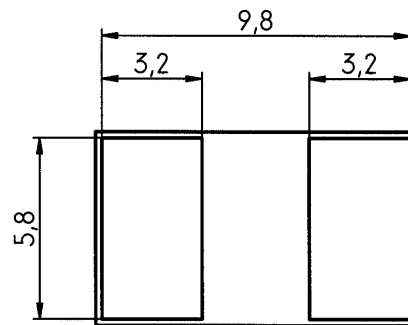
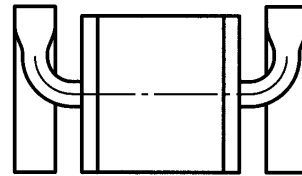
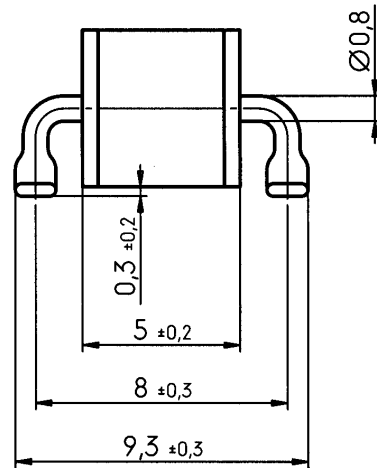
<sup>1)</sup> At delivery AQL 0.65 level II, DIN ISO 2859

<sup>2)</sup> In ionized mode

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



tin-plated



empfohlene Lötflächen /  
recommended pad outline

Not to scale

Dimensions in mm

Non controlled document

SMD-Gurtverpackung nach IEC 60286-3 /

Tape and reel packing comply with the specification of IEC 60286-3

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