

M51-A230XSMD Surge Arrester

## 2-Electrode-Arrester

Ordering code: B88069X4540T902

DC spark-over voltage 1) 2)	230 ± 20	V %	
Impulse spark-over voltage at 100 V/µs - for 99 % of measured values - typical values of distribution	< 550 < 500	V	
at 1 kV/µs - for 99 % of measured values - typical values of distribution	< 650 < 600	V V	
Nominal impulse discharge current (wave 8/20 µs) Single impulse discharge current (wave 8/20 µs)	5 10	kA kA	
Nominal alternating discharge current (50 Hz, 1 s) Alternating discharge current (50 Hz, 9 cycles)	5 10	A A	
Insulation resistance at 100 V <sub>dc</sub>	> 1	GΩ	
Capacitance at 1 MHz	<1	pF	
Arc voltage at 1 A Glow to arc transition current Glow voltage	~ 10 ~ 0.5 ~ 60	V A V	
Weight	~ 1	g	
Operation and storage temperature	-40 +90	°C	
Climatic category (IEC 60068-1)	40/90/21	40/ 90/ 21	
Marking, blue	EPCOS 230 YY O 230 - Nominal voltage YY - Year of production O - Non radioactive		

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

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

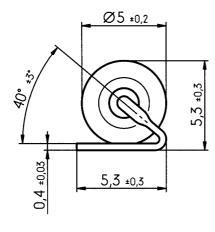
AB E / AB PM Issue 04, 17.12.2002



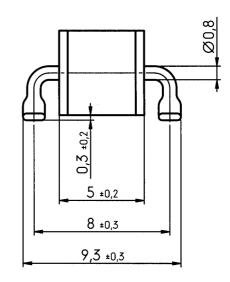
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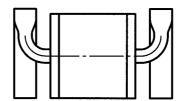
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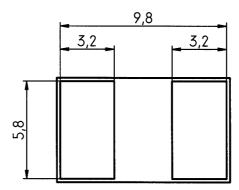
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tin-plated







Not to scale

Dimensions in mm

Non controlled document

empfohlene Lötflächen / recommended pad outline

SMD-Gurtverpackung nach IEC 60286-3 /

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

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