

Surge Arrester M50-C90XSMD

2-Electrode-Arrester

Ordering code: B88069X1640T902

DC spark-over voltage 1)2)	90 ± 20	V %
Impulse spark-over voltage at 100 V/µs - for 99 % of measured values - typical values of distribution	< 450 < 350	V
at 1 kV/µs - for 99 % of measured values - typical values of distribution	< 600 < 550	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 50 V _{dc}	> 1	GΩ
Capacitance at 1 MHz	< 1	pF
Arc voltage at 1 A Glow to arc transition current Glow voltage	~ 15 ~ 0.8 ~ 60	V A V
Weight	~ 1	g
Operation and storage temperature	-40 +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, blue	EPCOS 90 YY O 90 - Nominal voltage YY - Year of production O - Non radioactive	

At delivery AQL 0.65 level II, DIN ISO 2859 In ionized mode

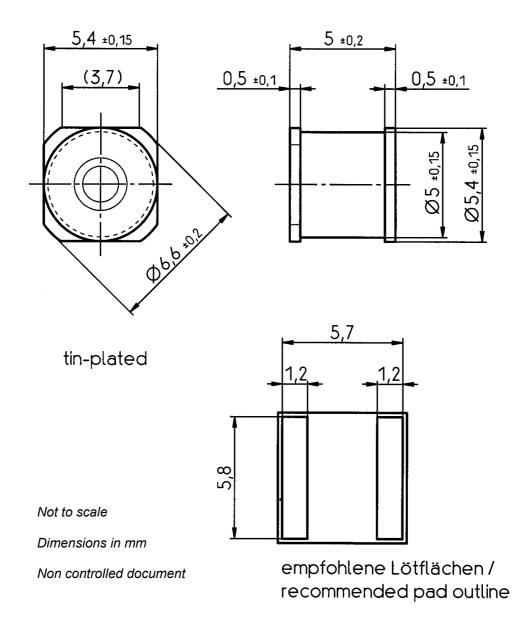
Terms in accordance with ITU-T Rec. K.12 and DIN 57845/VDE0845



Surge Arrester M50-C90XSMD

2-Electrode-Arrester

Ordering code: B88069X1640T902



SMD-Gurtverpackung nach IEC 60286-3 / Tape and reel packing comply with the specification of IEC 60286-3

KB AB E / KB AB PM Issue 08, 24.03.2004

[©] 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.