



Surge arrester

2-electrode arrester

Series/Type: ES1200XSMD
Ordering code: B88069X5641T902
Version/Date: Issue 02 / 2006-09-04

Features	Applications
<i>f</i> Extremely small size <i>f</i> Extremely fast response time <i>f</i> Stable performance over life <i>f</i> Extremely low capacitance <i>f</i> High insulation resistance <i>f</i> RoHS-compatible	<i>f</i> Modem <i>f</i> Consumer electronics <i>f</i> Tuner

Electrical specifications

DC spark-over voltage ^{1) 2)}	1200 ...15	V %
Impulse spark-over voltage at 2 kV/μs - for 99 % of measured values - typical values of distribution	< 1500 < 1400	V V
Service life 100 operations [50x (+) & 50x (-)] 10/1000 μs 20 operations 10/1000 μs	10 100	A A
Insulation resistance at 100 V _{dc}	> 1	GK
Capacitance at 1 MHz	< 1	pF
Arc voltage at 1 A	~ 11	V
Glow to arc transition current	~ 0.5	A
Glow voltage	~ 130	V
Weight	~ 1	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, red positive	EPCOSES 1200 YY O ES - Series 1200 - Nominal voltage YY - Year of production O - Non radioactive	

¹⁾ At delivery AQL 0.65 level II, DIN ISO 2859

²⁾ In ionized mode

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

