

Surge arrester

2-electrode arrester

Series/Type: A71-H12X Ordering code:

B88069X2090S102

2019-08-19 Date:

Version: 09

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Surge arrester B88069X2090S102

2-electrode arrester A71-H12X

Features

- Standard size
- Fast response time
- Stable performance over life
- Low capacitance
- High insulation resistance
- RoHS-compatible

Applications

- Power supply
- Consumer electronics
- Modem

Electrical specifications

	1200 ±20 960 1440	V % V
cal values of distribution 99% of measured values	< 1900 < 1800 < 2000 < 1900	V V V
50 Hz, 1 s 50 Hz, 0.18 s (9 cycles) 8/20 μs 8/20 μs	10 65 10 15	A A kA kA
V _{DC}	> 10	GΩ
	< 1	pF
t	~ 20 < 0.5 ~ 160	V A V
	~ 2	g
erature	-40 +125	°C
B-1)	40/125/21	•
	EPCOS 1200 YY O 1200 - Nominal voltage YY - Year of production O - Non radioactive	
	UL 1449 (E319264)	c SL °us
	50 Hz, 0.18 s (9 cycles) 8/20 μs	#20 960 1440 99% of measured values cal values of distribution 99% of measured values cal values of distribution 50 Hz, 1 s 50 Hz, 0.18 s (9 cycles) 8/20 μs 10 50 Hz 10 65 65 65 65 65 65 65 65 65 6

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

Terms in accordance with ITU-T Rec. K.12 and IEC 61643-311.

PPD AB PD / PPD AB PM

²⁾ In ionized mode

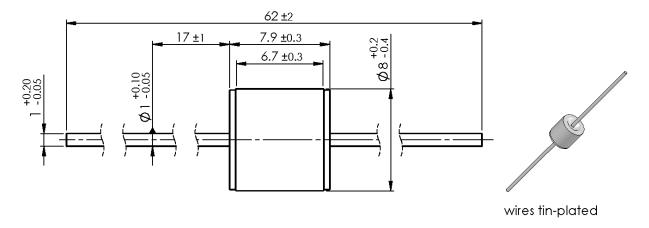


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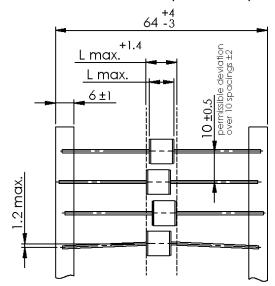
A71-H12X

Dimensional drawing in mm

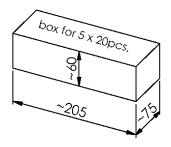


Ordering codes and packing advices

B88069X2090**S102** = 100 pcs. on 5 taped stripes



tape acc. to IEC 60286-1



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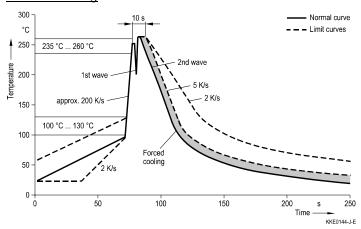


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Soldering parameter

Wave soldering



Wave profile features	Pb-free assembly
Solder	Sn 95.5 / Ag 3.8 / Cu 0.7
Solder bath temperature	263 (±3) °C
Dwell time	< 3 s

Soldering profile applied to a single soldering process.

Cautions and warnings

- Do not operate surge arresters in power supply networks, whose maximum operating voltage exceeds the minimum spark-over voltage of the surge arresters.
- Surge arresters may become hot in the event of longer periods of current stress (burn risk). In the
 event of overload the connectors may fail or the component may be destroyed.
- If the contacts of the surge arresters are defective, current load can cause sparks and loud noises.
- Surge arresters must be handled with care and must not be dropped.
- Do not continue to use damaged surge arresters.

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Release 2018-10