

Surge arrester

2-Electrode arrester

Series/Type: DG351A

Customer:

Version/Date: Issue 01/2012-10-17

Surge arrester

2-Electrode arrester

DG351A

Features	Applications
<ul style="list-style-type: none"> ● Extremely small size ● Extremely fast response time ● Excellent SMD handling ● Stable performance over life ● Very low capacitance ● High insulation resistance ● RoHS-compatible ● UL-identification, No:E311500 	<ul style="list-style-type: none"> ● Splitter ● PCI Cards ● Morden ● Line cards

Electrical specifications

DC breakdown voltage ^{1) 2)}	350 ±20	V %
Impulse breakdown voltage ¹⁾ at 1kv/us -Typical values of distribution	≤ 900	V
Insulation resistance at DC 100V	≥ 1	GΩ
Capacitance at 1MHz ²⁾	≤ 1	Pf
Service life ²⁾		
10 operations 8/20us	1	KA
100 operations 8/20us	100	A
5 operations 50Hz	1	A
Weight	~0.08	g
Storage temperature	-40...+90	°C
Climatic category (GB/T 9043, IEC61643-1)	40/90/21	
Marking	Without	



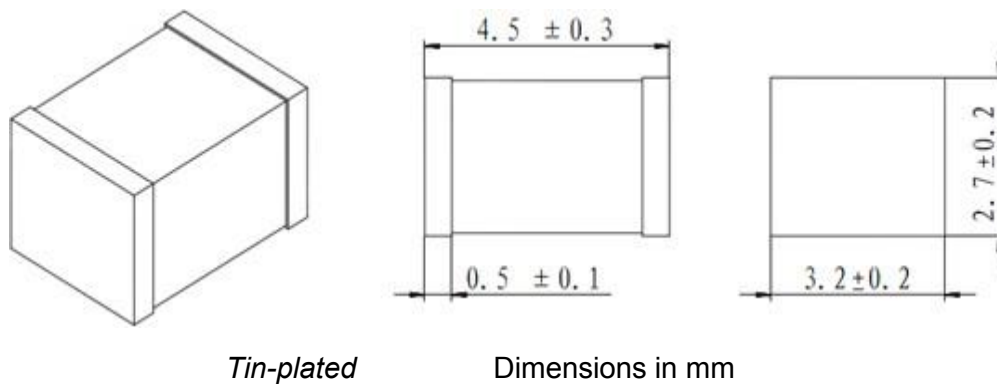
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- 1) Sampling size in accordance to AQL(C=0)
- 2) DC spark-over voltage 300V...400V after load

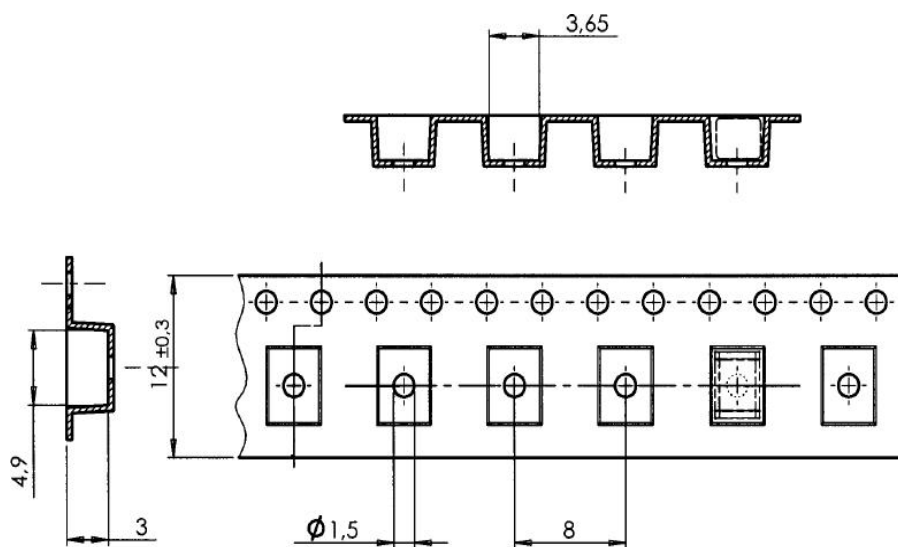
Dimensions



Packing advice

Tape and reel with 3000 pcs

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



Cautions and warnings

- Surge arresters must not be operated directly in power supply networks
- Surge arresters may become hot in case of longer periods of current stress (danger of burning).
- If the contacts of the surge arrester are defective, current stress can lead to the formation of sparks and loud noises.
- Surge arresters may be used only within their specified values. In case of overload, the head contacts may fail or the component may be destroyed.
- Damaged surge arresters must not be re-used.