8x6mm No. A901

This product is not recommended for new designs. Please refer to Littelfuse series SL1011A.



2-electrode Standard Series

Features

Non-radioactive
Lead Free

Applications

Telecommunication
Data Transmission
Cable protection modules

Standard
UL-497B
complies to ITU-T K.12 (formerly CCITT)
complies to DIN 57845/VDE 0845

Approvals
UL-rec.

WebLinks

Further info see:
http://www.wickmanngroup.com/download/orderinfo_surgearr.pdf
http://www.wickmanngroup.com/download/crossref_surgearr.pdf

Specifications

Packaging
A901: 01=Reel (500 pcs.)

Materials
Housing: Ceramic
Gas: non-radioactive
Leads: tin plated

Arc Voltage @ 1A
~ 18V

Transition Glow to Arc @
~ 0.8A

Operating temperature
-40°C to +90°C

Climatic Category
complies to IEC 60068-1
+40°C, 21 days, <93% humidity

Soldering characteristics
complies to IEC 60068-2-20 (A931)

Soldering Heat Resistance
complies to IEC 60068-2-58

Marking
Ⓦ, Type, Nom. Voltage, Date

Unit Weight
ca. 1.5g

RoHS

Pb

Soldering Process Lead free

Characteristics

Type/ Order Code	DC sparkover voltage	Tolerance	Impulse sparkover voltage (1kV/µs) typ.	Glow Voltage	Insulation Resistance (@100 Vdc or @50Vdc for 75V/90V)	Capacitance (@1MHZ)	8/20µs Nominal Impulse Discharge Current (10 times)	8/20µs Single Impulse Discharge Current (1 time)	AC Nominal Discharge Current (50Hz; 1s; (10 times)	AC Alternating Discharge Current (50Hz; 9 cycles)	Approval UL-rec.
A901 S0 0075 01 01	75V	+/- 20%	< 600V	~ 60V	> 10GΩ	< 1.0 pF	5kA	10kA	5A	20A	•
A901 S0 0090 01 01	90V	+/- 20%	< 550V	~ 80V	> 10GΩ	< 1.0 pF	5kA	10kA	5A	20A	•
A901 S0 0150 01 01	150V	+/- 20%	< 550V	~ 80V	> 10GΩ	< 1.0 pF	5kA	10kA	5A	20A	
A901 S0 0230 02 01	230V	+/- 15%	< 600V	~ 80V	> 10GΩ	< 1.0 pF	5kA	10kA	5A	20A	•
A901 S0 0350 02 01	350V	+/- 15%	< 800V	~ 80V	> 10GΩ	< 1.0 pF	5kA	10kA	5A	20A	•
A901 S0 0600 04 01	600V	-10/+20%	< 1100V	~ 80V	> 10GΩ	< 1.0 pF	5kA	10kA	5A	20A	•

other values on request

Specifications are subject to change without notice.

Order Example	Qty.	Order-Number	Type	Failsafe Option	Sparkover Volt.	Tolerance	Packaging
			A901	S0	0075	02	01

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Dimensions (mm) A901

A901

