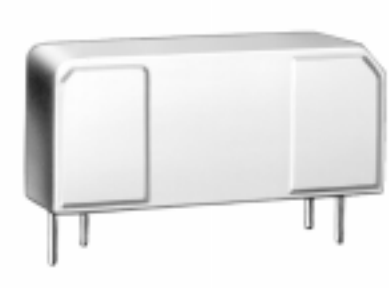
TELECOMMUNICATIONS LINE FEED RESISTORS

ISO-9001 Registered

ALFR-2 SERIES



- Meets all test and specifications of GR-1089 & UL-1459
- 1.8 ohm to 1600 ohm range
- 1% tolerance
- Withstands lightning surges
- Opens safely under power cross
- Flameproof inorganic construction
- Auto-insertable, small size
- Meets FCC, EIA and UL requirements
- UL-497A approved

SPECIFICATIONS:

Characteristics	Limits - ALFR-2
Wattage	2 watts
Temperature Coefficient	50 ppm/°C
Tolerance	1% and 5%
Load Life (1000 hrs.)	1% ΔR maximum
Temperature Cycling	1% ΔR maximum
Short Time Overload (5 x RW for 10 sec.)	1% ΔR maximum
Moisture Load	1% ΔR maximum
Resistance Range	1 to 1600 ohms
Lightning Surge (1000 V-10/1000 µsec) 25 negative & 25 positive surges (2 minute intervals)	2% ΔR maximum

• The standard ALFR-2 contains a 128°C thermal fuse. For faster fusing characteristics a 110°C fuse is available.

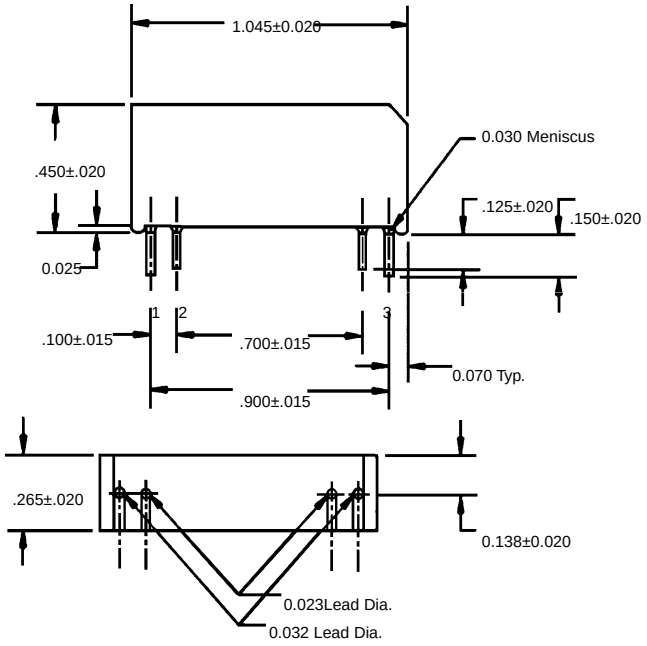
DESIGN & CONSTRUCTION:

The Line Feed Resistor is a tight tolerance, stable resistor which has the additional capability to withstand both in rush currents and certain lightning pulse surges but would fuse safely when exposed to overload conditions such as 600 volt power line crosses.

DIMENSIONS (Inches):

The four (4) terminal leads shall be in the line to a tolerance to ±0.015 inch. The lead spacing dimensions as specified, shall be measures from the tip of the lead to the tip of the lead. The leads may have a 15° draft relative to the protector body.

In circuit applications terminal leads 1 and 2 shall be connected together externally and leads 3 and 4 used for connection of the device. For proper performance and reduction of safety hazards the current flow should be from lead 3 to 4.



HOW TO ORDER:

Sample Part No.:

ALFR-2 1000 1%

Type

Power

Resistance Value

Tolerance
±1%, ±5%

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TT Electronics:

ALFR210R0F ALFR268R1F