Telecommunications Line Feed Resistors

ALFR-2B Series **NOT RECOMMENDED FOR NEW DESIGNS**

OBSOLETE

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

Environmental Data

Characteristics	Limits-ALFR-2B
Wattage	2 watts
Temperature Coefficient	50 ppm/°C
Tolerance	1% and 5%
Load Life (1000 hours)	1%ΔR maximum
Temperature Cycling	1%ΔR maximum
Short Time Overload (5x RW for 10 sec.)	1%ΔR maximum
Moisture Load	1%ΔR maximum
Resistance Range	4.8 to 1600 ohms
Lightning Surge (1000V-10/1000µsec.) 25 negative & 25 positive surges (2 minute intervals)	No failures

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 the 600 volt power cross specified in GR-1089.

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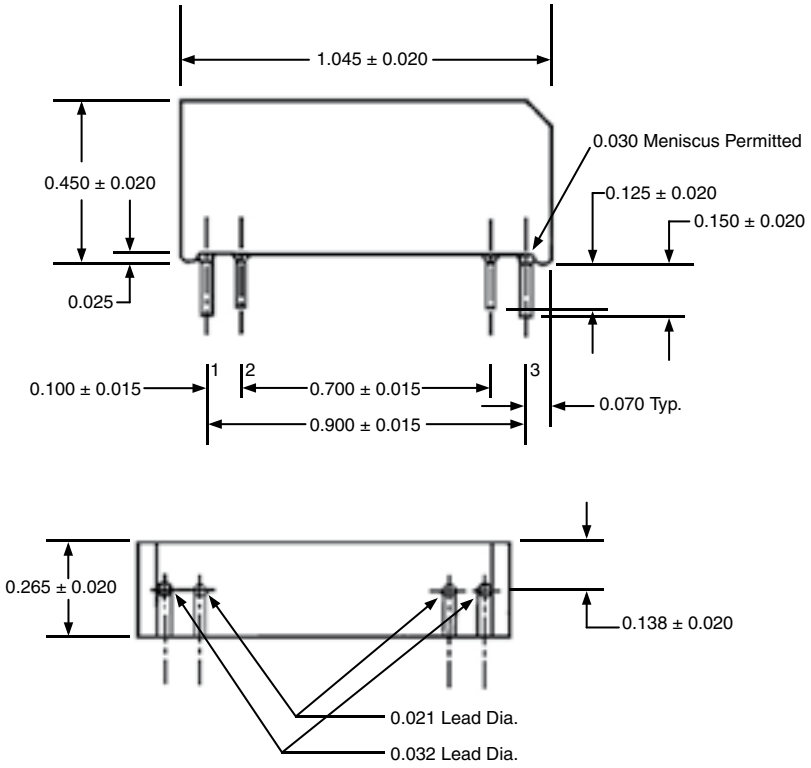
Physical Data

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. The leads may have a 15° draft relative to the protector body.



Ordering Data

Sample Part No. ALFR - 2B 1000 F

IRC Type
ALFR

Power
2B = 2 watts

Resistance Value

Tolerance
F = ±1%, J = ±5%

How to use the ALFR-2B:
Leads 1 & 2 can be interchanged with leads 3 & 4. The part can then be inserted into the circuit in either orientation.