

TYPE "TPRO"

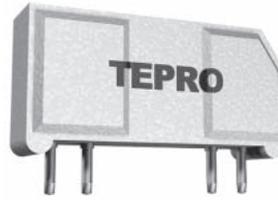
TEPRO



TELECOMMUNICATIONS LINE FEED PROTECTOR

FEATURES:

- Continuous full power operation (2 watts)
- Radial lead
- High stability
- Flame proof construction
- Withstands lightning surges (50 each of Fig. 1, Fig. 2)
- Fuses open safely under overpower conditions



LIGHTNING SURGE CAPABILITIES:

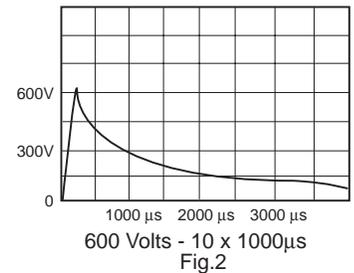
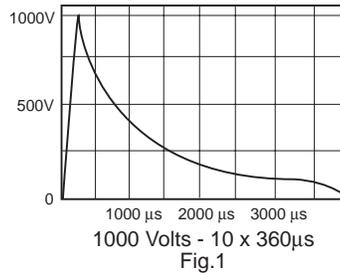
Resistive Range	10 X 1000*	10 X 360*
5.6 to 9.9Ω	250V	650V
10 to 29.9Ω	500V	850V
30 to 99.0Ω	600V	1000V
100 to 1600Ω	1000V	1500V

* 10 microseconds - Maximum rise time to peak voltage. 360 or 1000 microseconds - Minimum decay time to one half peak.

GENERAL

SPECIFICATIONS:

- Standard tolerances: 1 to 5%
- Dielectric strength: 1000 VAC
- Insulation resistance: 1000 megohms minimum
- Temperature coefficients: 10Ω and above: ±20ppm, 1Ω to 9.9Ω: ±50ppm
- Short time overload: (5x rated power for 10 sec) -.2% Δ R
- Terminal strength: 10lb. pull test
- Load life: (1000 hrs) -.2% Δ R
- Temperature cycling: -.5% Δ R
- Values above 10 meet performance requirements of TR-1089



VARIATIONS:

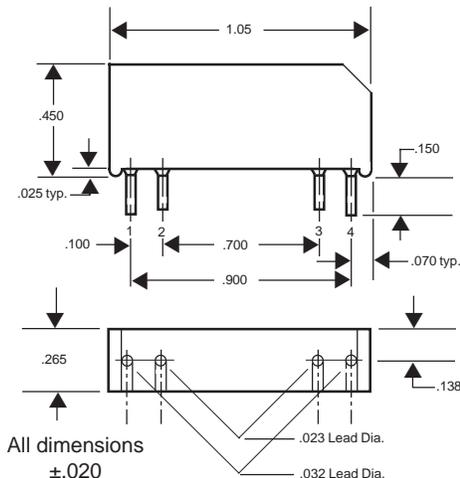
- Tolerances to .05%
- Matching & binning available
- Special temperature or fusing characteristics available

CONSTRUCTION:

The Line Feed Protector consists of a wirewound resistor and a temperature activated thermal cutoff.

DIMENSIONS: - INCHES

In usage leads 1 and 2 should be connected to each other externally. Use leads 3 and 4 in actual circuitry. Current flow should be from lead 3 to lead 4.



DERATING:

