

**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
- Space saving vertical mount



LIGHTNING SURGE CAPABILITIES:

Resistive Range	10 X 1000*	10 X 360*
1 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:

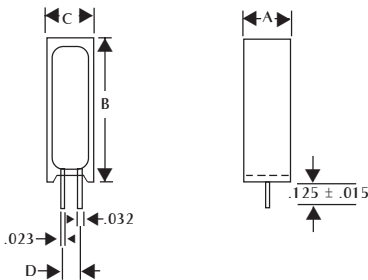
- Standard tolerances: 0.05 to 5%
- Dielectric strength: 1000 VAC
- Insulation resistance: 1000 megohms minimum
- Temperature coefficients: 10Ω and above: ±20ppm, 1Ω to 9.9Ω : ±50ppm
- Short time overload: (5x rated power for 10 sec) -.2% Δ R
- Terminal strength: 10lb. pull test
- Load life: (1000 hrs) -.2% Δ R
- Temperature cycling: -.5% Δ R

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

TEPRO TYPE	POWER @25° C	A ±.040	B ±.062	C ±.032	D ±.015	RESISTANCE RANGE
TCVF2	2	.300	.800	.455	.200	1 - 10KΩ
TCVF5	5	.350	1.000	.520	.200	1 - 10KΩ

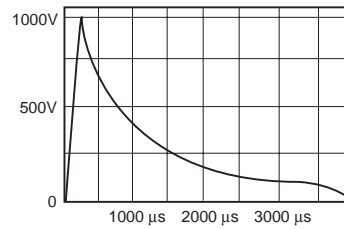


Fig.1

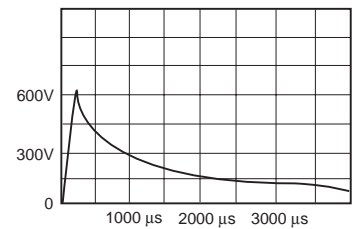


Fig.2

DERATING:

