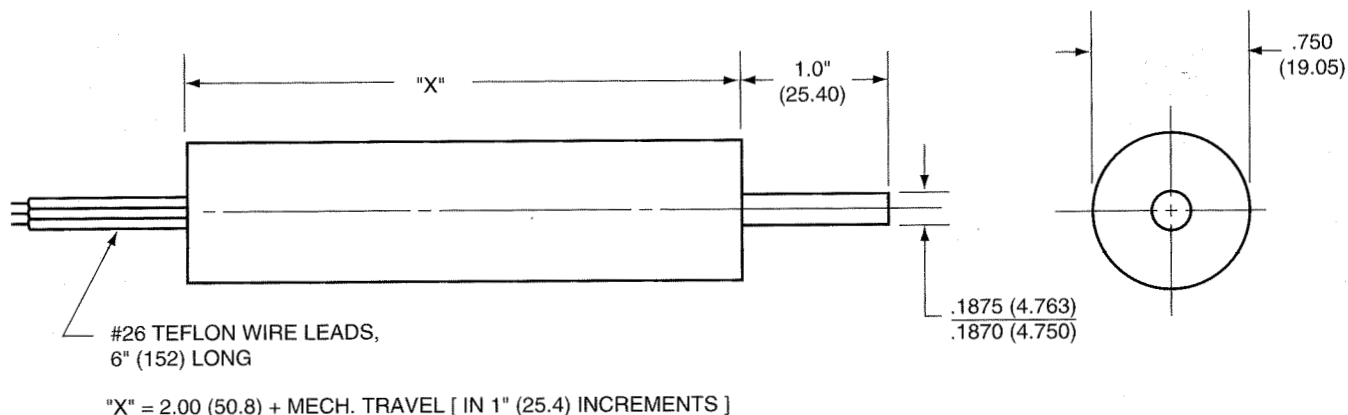


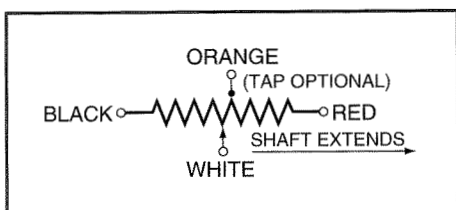
# LINEAR MOTION PRECISION POTENTIOMETERS

## MODEL 119 TUFF-LINE

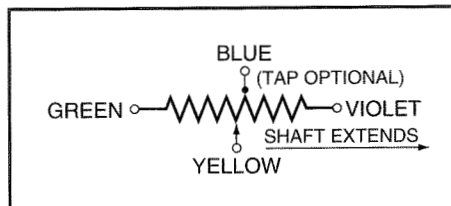
### INFINITE RESOLUTION



#### STANDARD



#### DUAL (OPTIONAL)



## SPECIFICATIONS

### ELECTRICAL

Resistance Range ±10%	500 Ohms/inch To 100KOhms/inch
Independent Linearity or Conformity	To ±0.035% (Depending on Stroke)
Electrical Stroke ±0.005 inches	To 8 inches
Maximum number of taps*	1
Power Dissipation	1 Watt/inch
Temperature Range	-55°C to 125°C
Dielectric Strength	500V RMS

\* See **OPTIONAL** Electrical Characteristics

### MECHANICAL

Mechanical Travel Beyond Stroke	+0.0312, -0.0 inches
Max Starting Force	8oz @ 25°C
Stroke Velocity	50 inches/second
Shaft Free to Rotate	Yes
Weight	2oz + 1oz/inch

\* See **OPTIONAL** Mechanical Characteristics

-- An Electromotive Solutions Company --

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