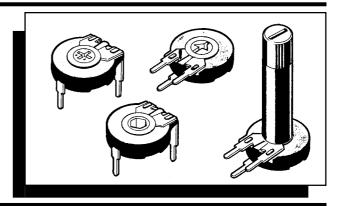
MEGGITT PIHER

POTENTIOMETERS
INDUCTORS, SMDS
SWITCHES, NETWORKS
ENCODERS
POWER COMPONENTS

Economy Trimmers

TYPE PT10 SERIES



Low price, versatility and stable environmental characteristics are important benefits of this product. Featuring an innovative carbon resistive element printed on film in a fully enclosed package, this potentiometer style is normally chosen for a wide range of applications in industrial, professional and consumer equipment.

MEGGITT PIHER KEY FEATURES

- LOW COST
- ROBUST ENCLOSED CONSTRUCTION
- SPINDLE ADJUST VERSIONS
- **FLAME RETARDENT**
- ARROW POSITION INDICATOR
- **TOP BOTTOM AND SIDE ADJUST STYLES**
- STABLE IN HIGH HUMIDITY
- **EDGEWHEEL OPERATION STYLE**
- **DETENTS POSSIBLE**



SALES ACTION DESK TEL: (01793 611666) FAX: (01793 511513)

SPECIFICATION

TYPE PT10 SERIES

ELECTRICAL

Resistance Range: 100R to 10M Linear, 1K to 4M7 Non Linear

Resistance Values: 1, 2.2 and 4.7 in each decade Resistance Tolerance: \pm 20% (\pm 30% above 1 Meg)

End Resistance:

Power Rating: 0.15 Watts at 40°C derating to zero at 70°C Limiting Element Voltage: 200 V DC or AC RMS maximum

Rotational Noise (CRV): \triangle R 5% or 3 ohms (whichevr is the greater)

Temperature Coefficient: $\pm 300 \text{ ppm/}^{\circ}\text{C} (<100\text{K})$

MECHANICAL

End Stop: 50 mNm maximum
Starting Torque: 4 to 20 nNm
Mechanical Adjustment: 235° nominal
Electrical Adjustment: 220° nominal
Weight: 0.8 grams maximum

ENVIRONMENTAL

Temperature Range: -25°C to +70°C

Rotational Life: 500 cycles, minimum (10,000 cycles Extended Life version)

Load Life at 40°C: \triangle R < 10% after 1000 hours at 0.15 Watts

Sealing: Dust and Splash Proof

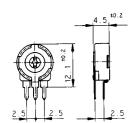
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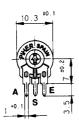
DIMENSIONS

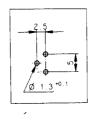
PT10_H

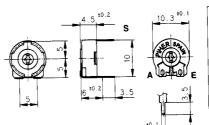
Vertical mount side adjust

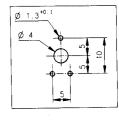
PT10_V Horizontal mount top adjust











ADJUSTMENT STYLES



K

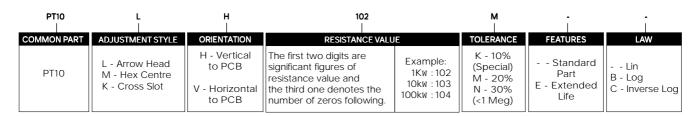




M

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HOW TO ORDER



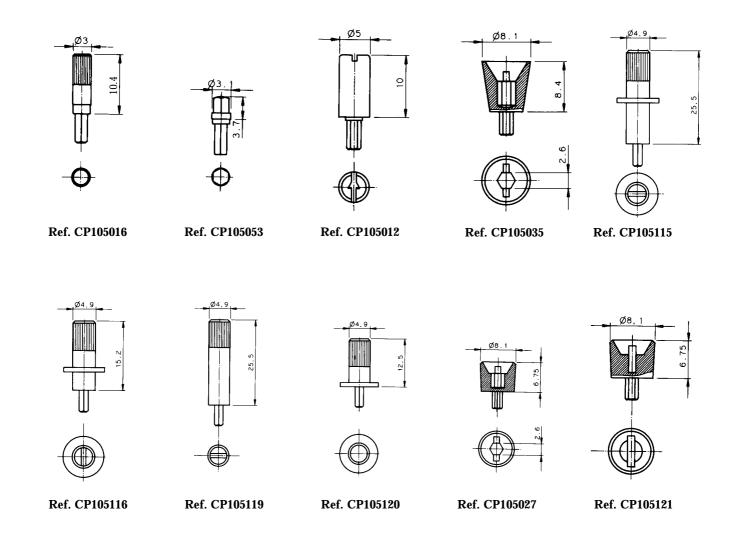


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PLUG IN ACCESSORIES FOR PT10M STYLES

SPINDLES



THUMBWHEELS

