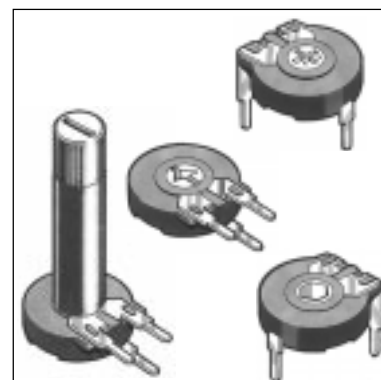


10mm carbon round single turn

Key features

- stable in high humidity
- top and bottom adjustments
- arrow position indicator
- spindle adjust versions
- robust enclosed construction
- flame retardant
- very low cost
- custom design service available



type PT10 series

Low price, versatility and stable environmental characteristics are important benefits of this product. The PT10 features a patented carbon resistive element printed on polyester film in a fully enclosed package. There is an option to have a hexagonal centre in any pin style to enable plug in accessories.

PCB Trimmers

N.B. This product is also known as the CP10 Series.

Specification

Electrical

Resistance Range:	100R to 10M (Linear)
Resistance Values:	1, 2.2 and 4.7 in each decade
Resistance Tolerance:	± 20% (±30% above 1M)
Power Rating:	0.15W @ 40°C derating to zero at 85°C
Limiting Element Voltage:	200V DC or AC RMS maximum
Electrical Rotation:	220°
Termination Resistance:	5 ohms maximum
End Resistance:	<3%
Rotational Noise (CRV):	<5% or 3 ohms minimum
Temperature Coefficient:	± 1000ppm/°C

Mechanical

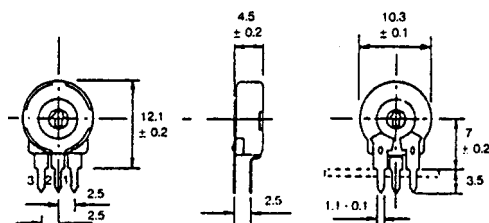
End Stop Torque:	50mNm minimum
Starting Torque:	4 - 20mNm maximum
Mechanical Adjustment:	235° nominal

Environmental

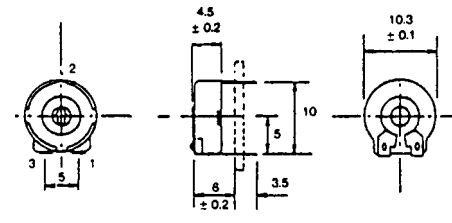
Temperature Range:	-25°C to +70°C
Rotational Life:	200 cycles (10,000 cycles (Long Life Version)
Load Life:	ΔR <15% after 1000 hours
Sealing:	Dust and Splash proof

Dimensions

PT10LH (side adjust)



PT10LV (top adjust)



N.B. Plug in accessories are available. For selection please see end of this section.

How To Order

Common Part	Adjustment Style	Orientation	Resistance Value	Tolerance	Features	Law
PT10 - Std	L - Screwdriver M - Hexagon (Other Centres on Request)	H - Vertical to PCB V - Horizontal to PCB	The first two digits are significant figures of resistance value and the third one denotes the number of zeros following Example 1K : 102 10K : 103 100K : 104	K - 10% Special M - 20% N - 30% (<1 Meg)	- - Standard Part E - Extended Life	- - Lin. B - Log C - Inv. Log

Please Request Full Data Sheet F0267

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