

Type CB10 Series

Key Features

- **Low Cost**
- Robust Enclosed Construction
- Spindle Adjust Versions
- **Flame Retardant**
- Arrow Position Indicator
- Top, Bottom and Side Adjust Styles
- Stable in High Humidity
- Edgewheel Operation Style



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.

Characteristics - Electrical

Resistance Range:	100R to 10M Linear, 1K to 1M Non-Linear
Resistance Values:	1, 2.2 & 4.7 in each decade
Resistance Tolerance:	± 20% (± 30% above 1 Megohms)
End Resistance:	< 3%
Power Rating @ 40°C:	0.15 Watts (derating to zero at 70°C)
Maximum Voltage:	Lin. 200V DC / Log. 150V DC
Rotational Noise (CRV):	<5% of Rn nominal
Temperature Coefficient:	±500 ppm/°C(< 100K ohms)
Slider Current:	50mA
Resolution:	Essentially Infinite
Electrical Adjustment:	240° Nominal 1 Turn

Characteristics - Mechanical

End Torque:	50 mNm maximum
Starting Torque:	4 to 20 mNm
Mechanical Adjustment:	295° nominal
Weight:	0.8 grams

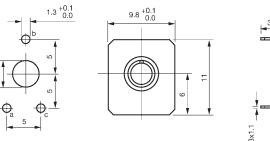
Characteristics - Environmental

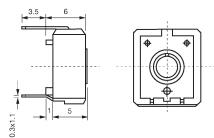
Temperature Range:	-25°C to +70°C
Temperature Storage:	1000 hours at 100°C
Rotational Life:	500 cycles, minimum
	(10000 cycles-extended life versions)
Load Life at 40°C:	ΔR <10% after 1000 hours
Sealing:	Dust and Splash Proof
Climate Category:	25/70/21



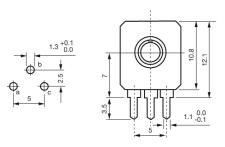
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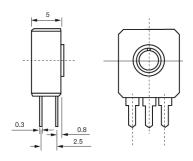
Dimensions CB10V





CB10H





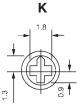
Adjustment Styles

L



M

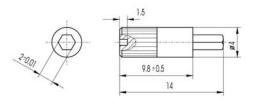




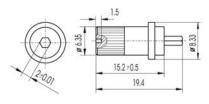


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Plug-In Spindles / Edgewheels

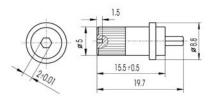


Colour	Part Number
White	CB101161
Black	CB101387
Red	CB101490
Blue	CB101598





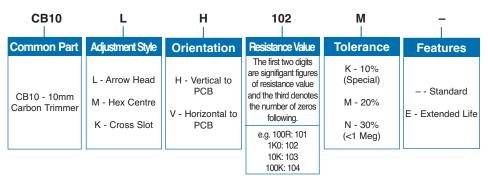
Colour	Part Number
White	CB101446
Black	CB101489
Red	CB101502





Colour	Part Number
White	CB101544
Black	CB101589
Red	CB101776

How to Order



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