

Type CB10 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.

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

Carbon Economy Trimmers



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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

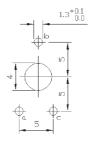
Characteristics -Mechanical

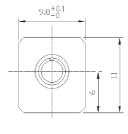
End Torque:	50 mNm maximum
Starting Torque:	4 to 20 mNm
Mechanical Adjustment:	295° nominal
Weight:	0.8 grams

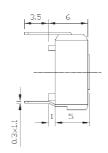
Characteristics -Environmental

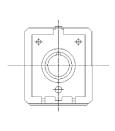
Temperature Range:	-25°C to +70°C
Temperature Storage:	1000 hours at 100°C
Rotational Life:	500 cycles, minimum
	(10000 cycles-extended life versions)
oad Life at 40°C:	ΔR <10% after 1000 hours
ealing:	Dust and Splash Proof
Climate Category:	25/70/21

Dimensions CB10V

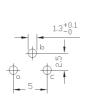


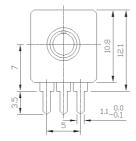


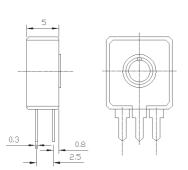




CB10H







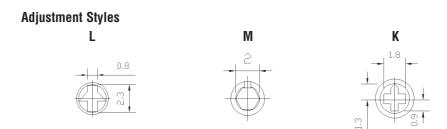




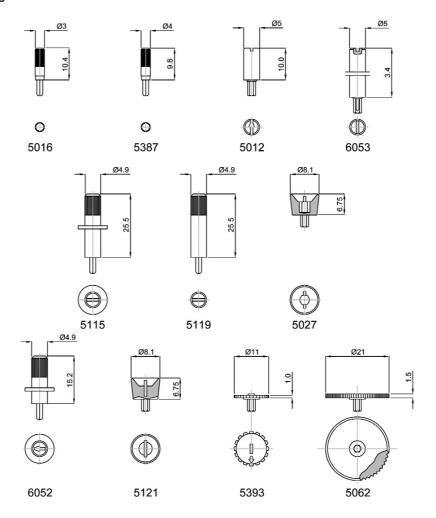




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Plug-in Accessories



How to Order Accessories

Prefix the above numbers with CB10. i.e. CB105393

