

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

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

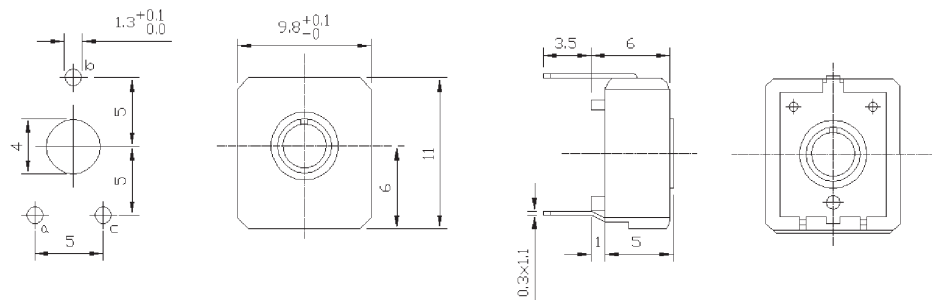
Characteristics - Mechanical

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

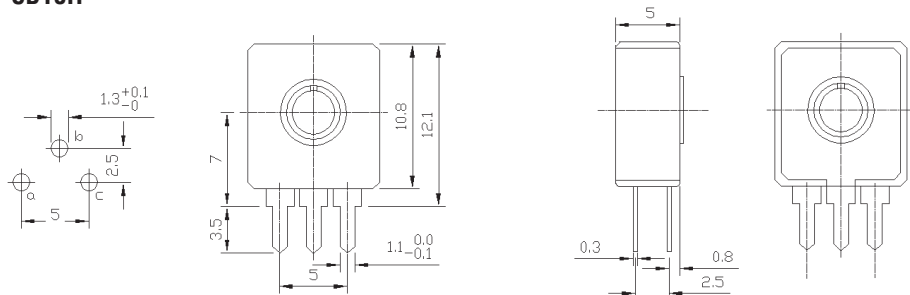
Characteristics - Environmental

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

Dimensions CB10V

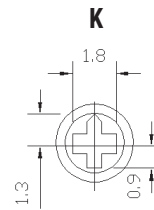
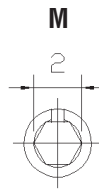
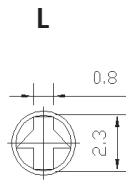


CB10H

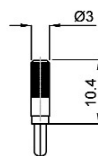


Type CB10 Series

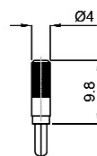
Adjustment Styles



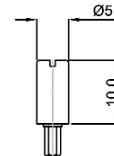
Plug-in Accessories



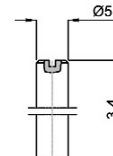
5016



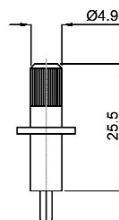
5387



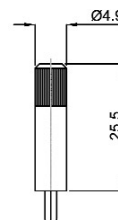
5012



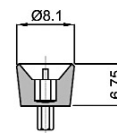
6053



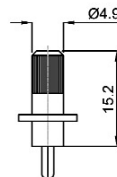
5115



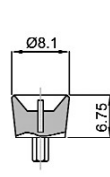
5119



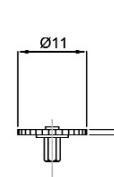
5027



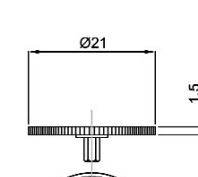
6052



5121



5393



5062

How to Order Accessories

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

How to Order

Common Part	Adjustment Style	Orientation	Resistance Value	Tolerance	Features
CB10 - 10mm Cermet Trimmer	L - Arrow Head M - Hex Centre K - Cross Slot	H - Vertical to PCB V - Horizontal to PCB	The first two digits are significant figures of resistance value and the third denotes the number of zeros following. e.g. 100R: 101 1K0: 102 10K: 103 100K: 104	K - 10% (Special) M - 20% N - 30% (<1 Meg)	- - Standard E - Extended Life