

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
- Edgewise Operation Style



Low price, versatility and stable environmental characteristics are important benefits of this product. Featuring an innovative carbon resistive element mounted 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 (dRV):	< 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 proof IP level 5
Climate Category:	25/70/21

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Trimmer Resistors - Through Hole](#) category:

Click to view products by [TE Connectivity](#) manufacturer:

Other Similar products are found below :

[64W205](#) [M63M103KB40](#) [M63X104KB40](#) [76PR500K](#) [79PR5K](#) [PT15NV24-103A2020](#) [CT6P-103](#) [CB10MV473ME](#) [4270W105K](#)
[56PR2MEG](#) [82PR2KLFTB](#) [62MR100](#) [72XWR20K](#) [9702-2SL-1](#) [89PHR10K](#) [78SR5K](#) [CT15NV15103M](#) [78SBWR1K](#) [343P10](#) [PT15NH02-104A2020-S](#) [VG039NSNXTB103](#) [PTC15NH05-103A2020](#) [PTC15NV02-104A2020](#) [PTC15LV02-103A2020](#) [PT15GV02-27402](#) [3292W-1-201M](#) [3362F-1-205LF](#) [3362X-1-272LF](#) [3386H-EY5-202LF](#) [3059Y-1-200LF](#) [3386X-DF6-503LF](#) [3260W-1-500](#) [3329S-1-204LF](#) [PT10MV10-203A2020-S](#) [PT15NV02-503A2020-E-S](#) [PTC10MV10-472A0505](#) [PV36W103C01B00](#) [CN-15.1-100K](#) [CN-15.1-22K](#) [CN-15.2-10K](#) [CN-15.2-470R](#) [R0141-2-100K](#) [R0141-2-10K](#) [R0141-2-1K](#) [R0141-2-20K](#) [R0141-2-5K](#) [1028F-500K](#) [R16148-1A-1-A22K](#) [R16148-1A-1-A2K2](#)
[R16148-1A-1-B1K](#)