WXD3590 –Trimmer™ Precision Potentiometer

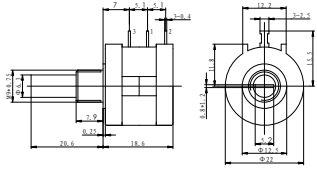
Featur es

- Multiturn / Wirewound / Industrial
- Metal shaft and bushings
- Bushing mount
- Available with shaft (6mm dia.)

Trimmer™

Electrical Ch aracteris tics

Standard Resistance Range
100 to 100K ohms
(see standard resistance table)
Resistance Tolerance
±5% std.
Independent Linearity
±0.5 %
Effective Electrical Angle
3600o-10omin.
Absolute Minimum Resistance
0.2% or 5 ohms max.
(whichever is greater)
Noise
100 ohms ENR max.
Insulation Resistance
500 vdc
1,000 megohms min.
Dielectric Withstanding Voitage
101.3 kPa 900 vac



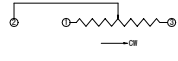
WXD3590-1、2 fig

How to order

WX D3590S—2—101

Model
Style
Re sistance Code

2: Metal shaft and bushings



Envir onmental Characteristics

Power Rating (500 volts max.)
2 watt (70℃) , 0 watt (125℃)
Temperature Range
-55℃ to +125℃
Temperature Coefficient
±100ppm/℃
Vibration
98 m/s²
(1% Δ TR;1% Δ VR)
Shock
490 m/s²
(1% Δ TR; 1% Δ VR)
Load Life
1,000 hours 2 watt @ 70℃
(2% Δ TR)
Rotational Life
10000 cycles
(3% Δ TR)

Phy sical Characteristics

Torque
36 mN • m max.
Stop Strength
300 mN • m min.
Mechanical angle
3600o-10omin.
Standard Packaging
10 or 25 pcs. per box

standard Re sistance Table

Resistance (Ohms)	Resistance Code
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
50,000	503
100,000	104

Special resistance available.