

Features

- Surface Mount 4mm Square/
Multiturn Cermet / Industrial / Sealed
- Sealed to withstand board wash
processing
- Pick and place centering design , with
flush adjustment

Trimmer™

WIBC1801(3224)–Trimmer™
4mm Square SMD Trimming
potentiometer

Electrical Characteristics

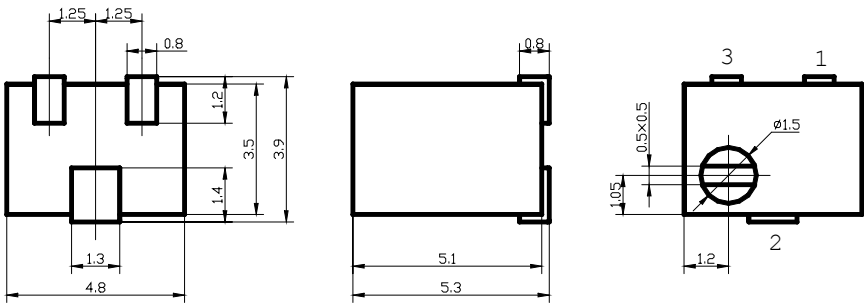
Standard Resistance Range
10 to 1 megohms
(see standard resistance table)
Resistance Tolerance
±10% std.
(tighter tolerance available)
Absolute Minimum Resistance
1% or 2 ohms max.
(whichever is greater)
Contact Resistance Variation
3% or 3 ohms max.
(whichever is greater)
Resolution
Essentially Infinite
Insulation Resistance
500 vdc
1,000 megohms min.
Dielectric Strength
101.3 kPa 600 vac
8.5 kPa 250 vac
Effective Travel
11 turns nom.

Environmental Characteristics

Power Rating (200 volts max.)
0.25 watt (70 °), 0 watt (125 °)
Temperature Range
-55 to +125
Temperature Coefficient
±100ppm/
Vibration
98 m/s²
(1%ΔTR;1%ΔVR)
Shock
490 m/s²
(1%ΔTR; 1%ΔVR)
Load Life
1,000 hours 0.25 watt @ 70
(3%ΔTR; 3% or 3 ohm,
whichever is greater, CRV)
Rotational Life
200 cycles
(3%ΔTR; 3% or 3 ohm,
whichever is greater, CRV)
Thermal Shock
5 cycles
(2%ΔTR;1%ΔVR)

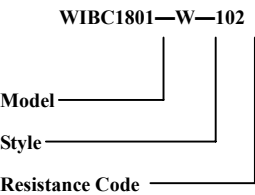
Physical Characteristics

Torque
25 mN·m max.
Mechanical Stops
Wiper idles
Wiper
Set at 50% nominal



WIBC1801 3224 -W Dimensions

How to order



standard Resistance Table

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
25,000	253
50,000	503
100,000	104
200,000	204
250,000	254
500,000	504
1,000,000	105

Special resistance available

Detail Specification: Q/R515-2003