

# JBR-3214 5-Turn SMD Trimming Potentiometer

## FEATURES

- Multi-Turn / Cermet / Industrial.
- Rotor designed for automatic machine adjust interface.
- Compatible with surface mount manufacturing processes.
- RoHS compliant.

Electrical Characteristics	
Standard Resistance Range	50Ω-2MΩ
Resistance Tolerance	±10%
End Resistance	≤±1% R or 3Ω
Contact Resistance Variation	≤3%R or 3Ω
Insulation Resistance	500 Vdc. R1≥1GΩ
withstanding voltage	101.3KPa, 500 Vac; 8.5KPa, 250 Vac
Dielectric Strength Sea Level	500 Vac (1 minute)
Adjustment Angle	4±2 Turns

Environmental Characteristics	
Max. Soldering Exposure	250°C , 10 seconds
Power Rating(300volts max.)	70°C, 0.25W; 125°C, 0W
Operating Temp. Range	-55°C ~ + 125°C
Temperature Coefficient	±250、±100 ppm /°C
temperature variation	ΔR≤±2%R, Δ(Uab/Uac) ≤±1%
Vibration	10-500Hz,0.75mm,6h ΔR≤±1%R, Δ(Uab/Uac) ≤±2%
Shock	100G, ΔR≤±1%R, Δ(Uab/Uac) ≤±2%
70°C electrical endurance	1000 hours @ 70°C Rated Power; ΔR≤±3%R
Rotational Life	200 cycles、ΔR≤±3%R

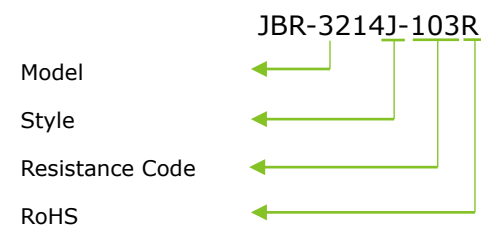
Physical Characteristics	
Mechanical Angle	5±2 Turns
Starting torque	≤25 mN.m
Stop Strength	≤35 mN.m

## Resistance Table

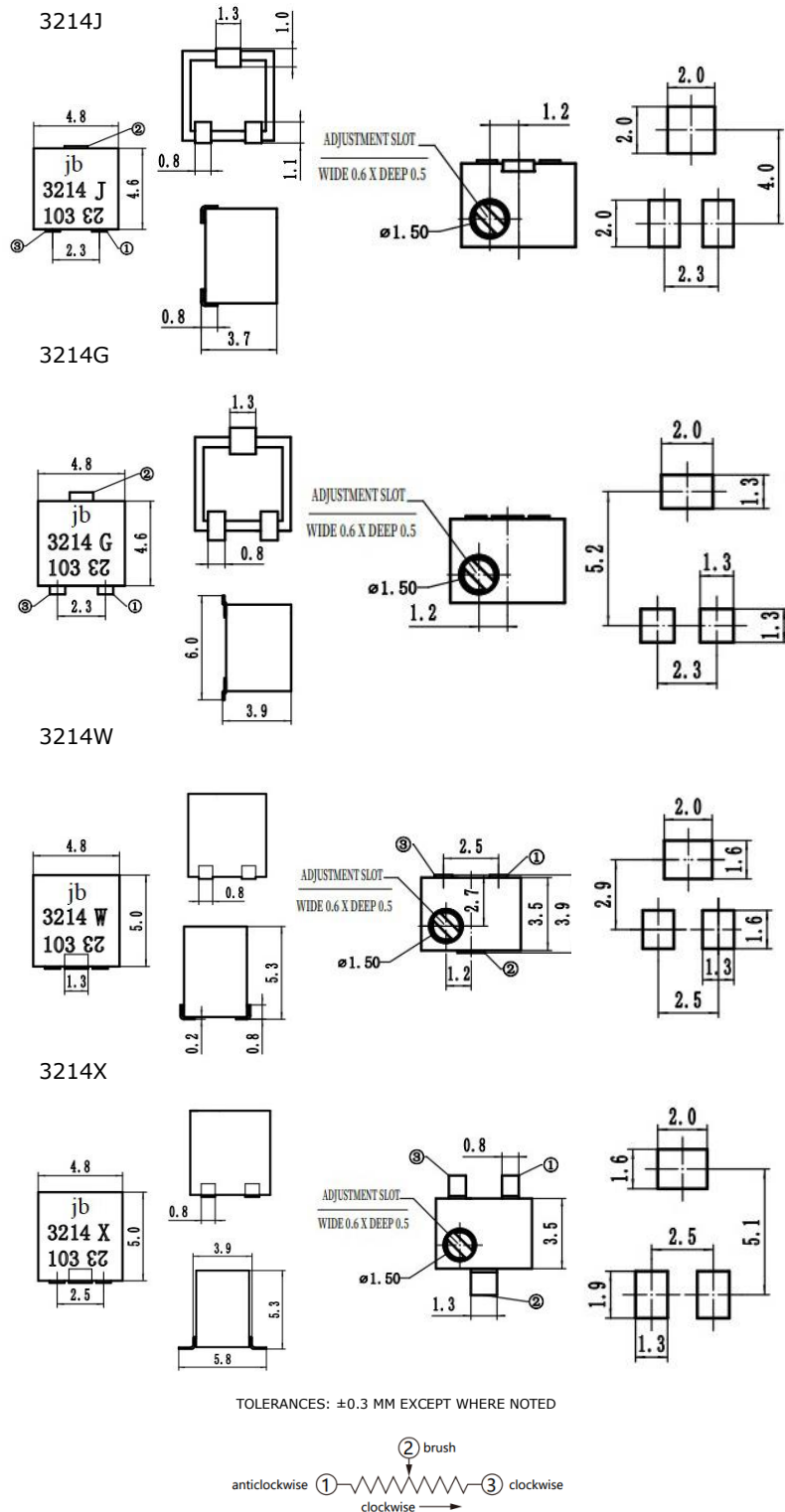
Resistance (Ohms)	Resistance Code	Resistance (Ohms)	Resistance Code
10	100	10,000	103
20	200	20,000	203
50	500	50,000	503
100	101	100,000	104
200	201	200,000	204
500	501	500,000	504
1,000	102	1,000,000	105
2,000	202	2,000,000	205
5,000	502		

Special resistances available.

## How to Order



## Common Dimensions



Please visit our website to get more update data, those data & specification are subject to change without notice.