

JBR-3269 1/4 " Square SMD Trimming Potentiometer

FEATURES

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

Electrical Characteristics	
Standard Resistance Range	10Ω-5MΩ
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	10 (±2) Turns

Environmental Characteristics	
Max. Soldering Exposure	Wave soldering: Temperature: 260°C±5°C, duration 3±1 seconds Soldering iron soldering: Temperature: 320°C±5°C, duration≤2 seconds
Power Rating(300 volts 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

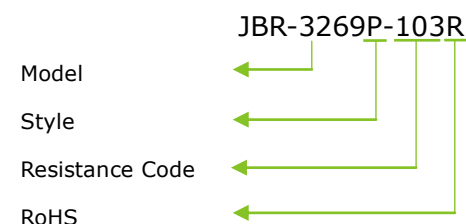
Physical Characteristics	
Mechanical Angle	12±2 Turns
Starting torque	≤25 mN.m
Stop Strength	≤35 mN.m

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		

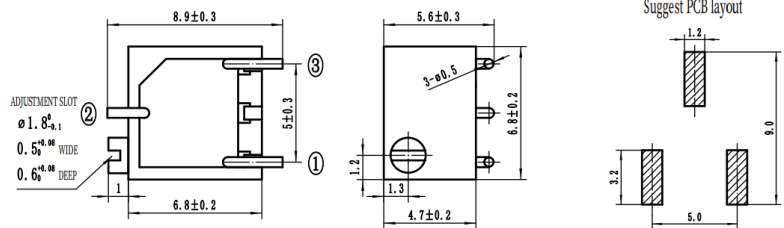
Special resistances available.

How to Order

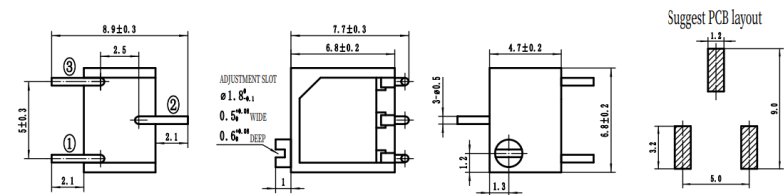


Common Dimensions

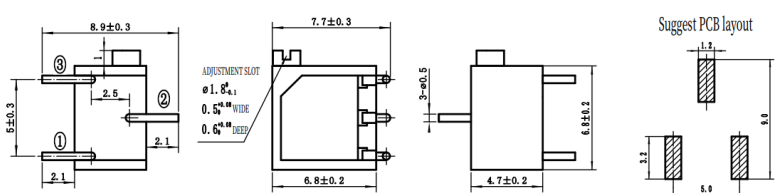
3269P



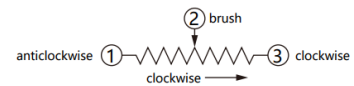
3269W



3269X



TOLERANCES: ±0.3 MM EXCEPT WHERE NOTED



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