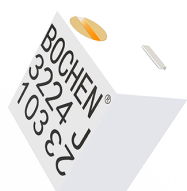


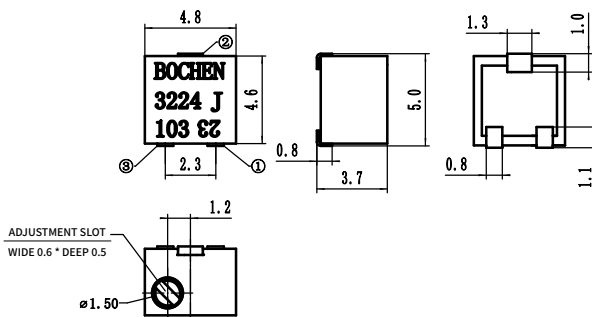
Features

- Rated Power: 0.25W
- 10 Turns
- Precision Adjustable
- Reliable Performance
- Small Size
- High Precision

Product Dimensions



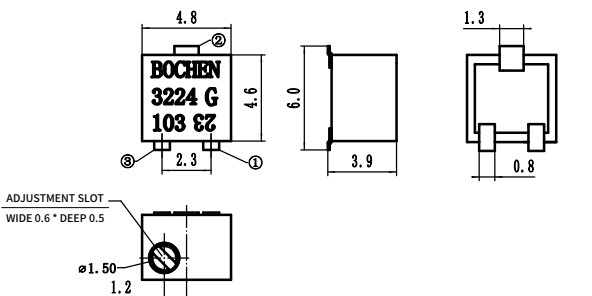
3224J



DIMENSIONS: MM
TOLERANCES: ±0.3 MM EXCEPT WHERE NOTED



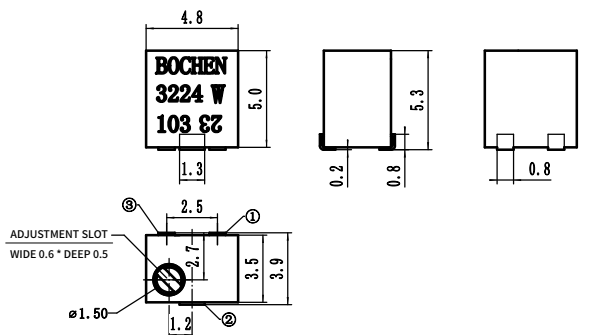
3224G



DIMENSIONS: MM
TOLERANCES: ±0.3 MM EXCEPT WHERE NOTED



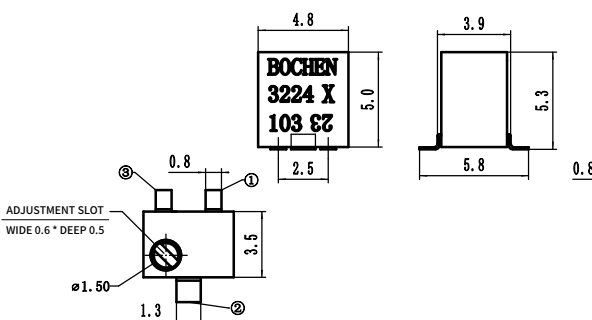
3224W



DIMENSIONS: MM
TOLERANCES: ±0.3 MM EXCEPT WHERE NOTED



3224X



DIMENSIONS: MM
TOLERANCES: ±0.3 MM EXCEPT WHERE NOTED

Electrical Characteristics

Items	Parameters
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	9±2 Turns

Environmental Characteristics

Items	Parameters
Max. Soldering Exposure	250°C , 10 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	$\Delta R \leq \pm 2\%R$, $\Delta(U_{ab}/U_{ac}) \leq \pm 1\%$
Vibration	10-500Hz 0.75mm 6h $\Delta R \leq \pm 1\%R$, $\Delta(U_{ab}/U_{ac}) \leq \pm 2\%$
Shock	100G, $\Delta R \leq \pm 1\%R$, $\Delta(U_{ab}/U_{ac}) \leq \pm 2\%$
70°C Electrical Endurance	1000 hours @ 70°C Rated Power; $\Delta R \leq \pm 3\%R$
Rotational Life	200 cycles, $\Delta R \leq \pm 3\%R$

Physical Characteristics

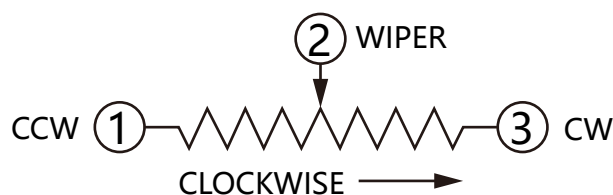
Items	Parameters
Mechanical Angle	10±2 Turns
Starting Torque	≤25 mN.m
Stop Strength	≤35 mN.m
Standard Packaging	See Packaging Specifications

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
50,000	503
100,000	104
200,000	204
500,000	504
1,000,000	105
2,000,000	205

How to Order

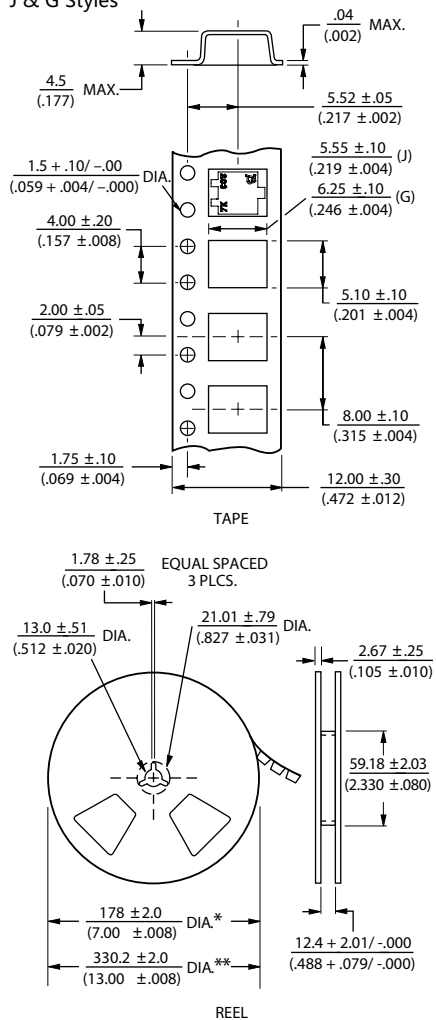
3224 W - 1 - 103
 Model _____
 Style _____
 Standard or Modified _____
 - 1 = standard
 Resistance Code _____



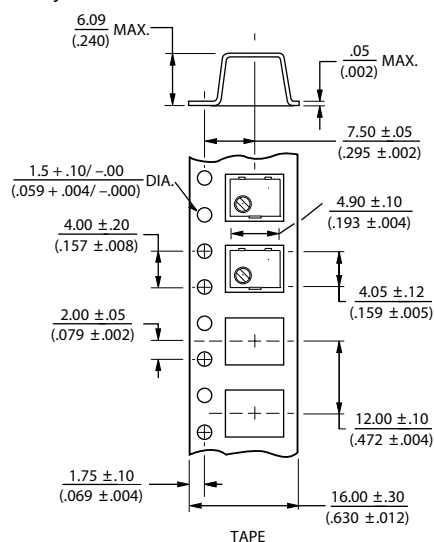
Packaging Specifications

J. G-type: 500 pieces/7" reel (standard); W-type: 250 pieces/7" reel (standard); X-type: 200 pieces/7" reel (standard)
J. G-type: 1500 pieces/13" reel (standard); W-type: 1000 pieces/13" reel (standard); X-type: 850 pieces/13" reel (standard)

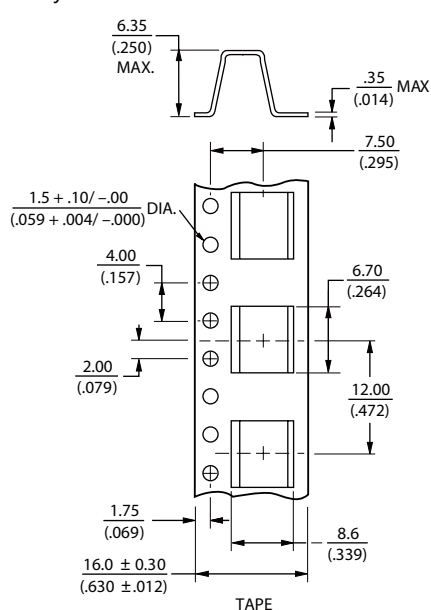
J & G Styles



W Style



X Style



DIMENSIONS: MM
INCHES

W & X Style Reel

