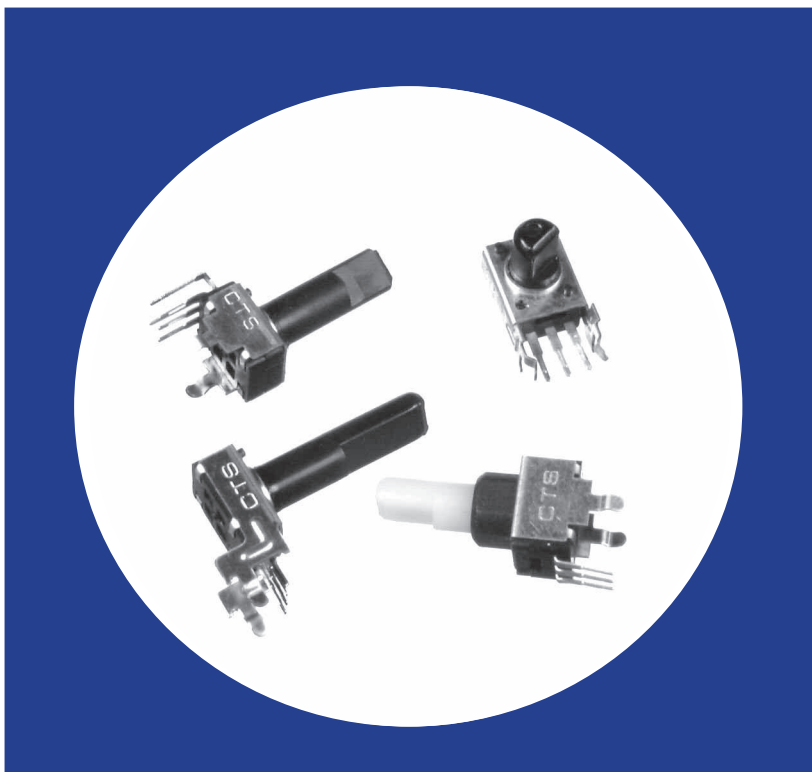


Commercial 9mm Carbon Composition Rotary Potentiometer

Features

- Miniature 9mm size
- Snap-in structure
- Vertical or horizontal PCB mount
- Closed construction
- Detent available
- Low cost
- RoHS compliant



Electrical and Mechanical Specifications

Resistance Range

500 ohms through 1 Megohms

Resistance Tolerance

±30%, ±20%, ±10%

Power Rating

0.05 watts @ 50°C

Dielectric Strength

250 VAC for 1 minute

Insulation Resistance

100 Megohms minimum @ 250 VDC

Maximum Operating Voltage

50 VAC, 20 VDC

Angle of Rotation

280°

Rotational Torque

10 to 100 gf-cm

Stop Strength

3 kgf-cm minimum

Detent

Detent @ 50% rotation

Pull-Push Strength on shaft

5 kgs for 10 seconds

Rotational Life

Standard: 5 K cycles

Special: 10 K, 100 K cycles

Operating Temperature

0°C to 85°C

Solder Heat Resistance

260°C for 5 seconds

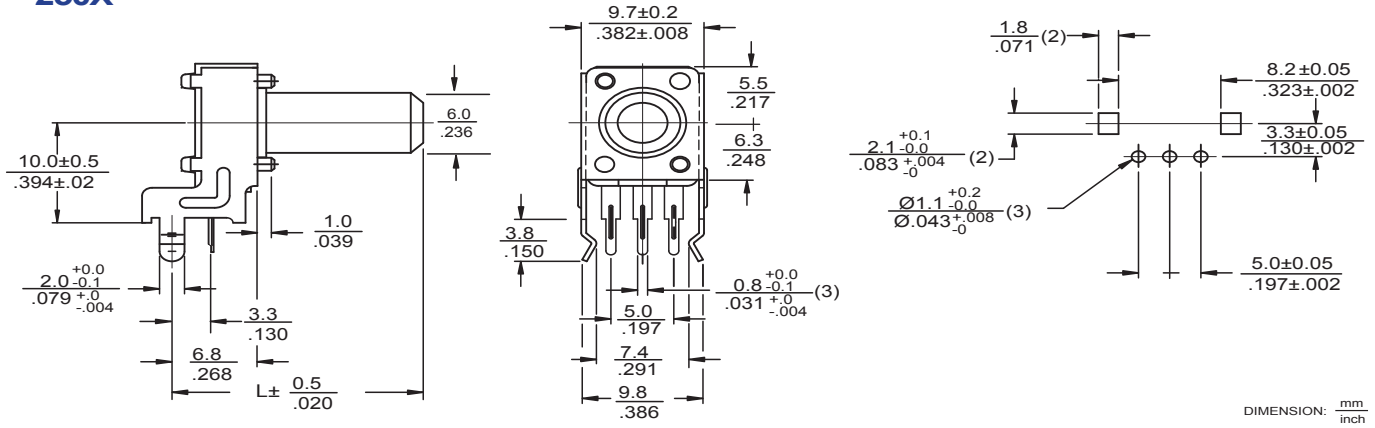
Mounting Information

P.C. board mounting

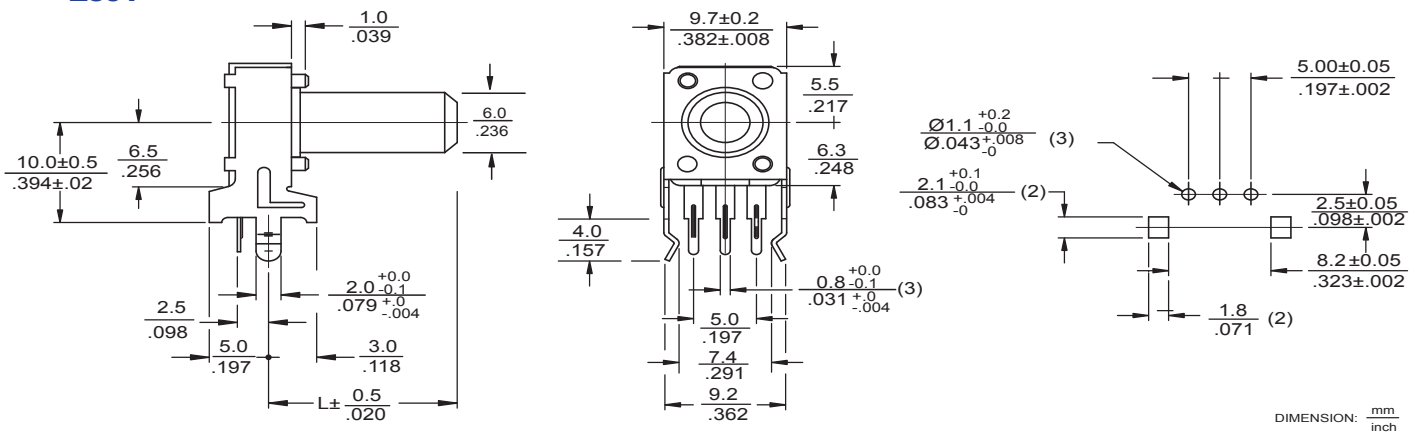
Type "X", "Y", "B" : shaft parallel to P.C. board

Type "U" : shaft perpendicular to P.C. board

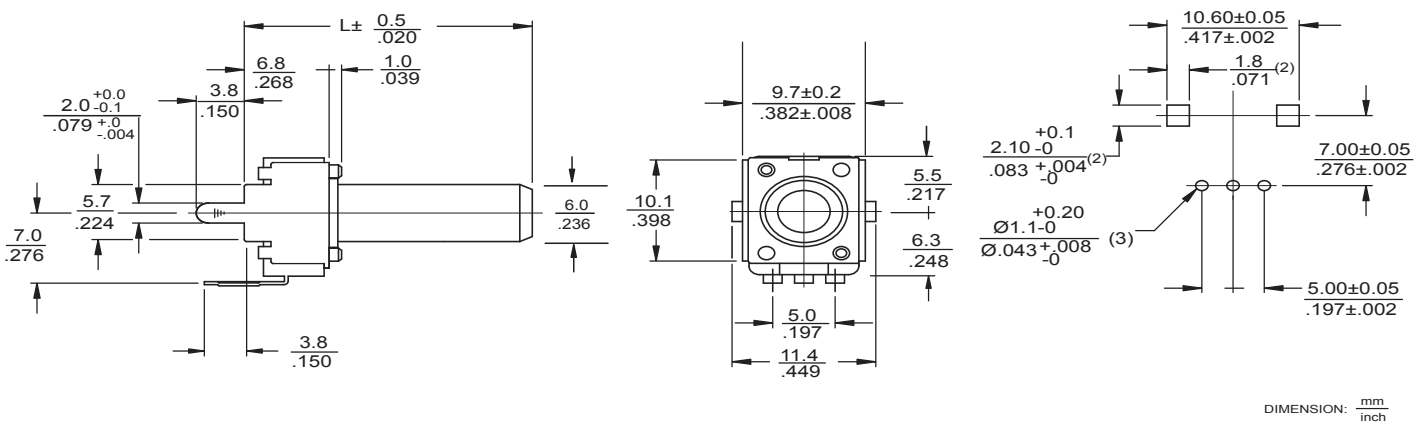
250X



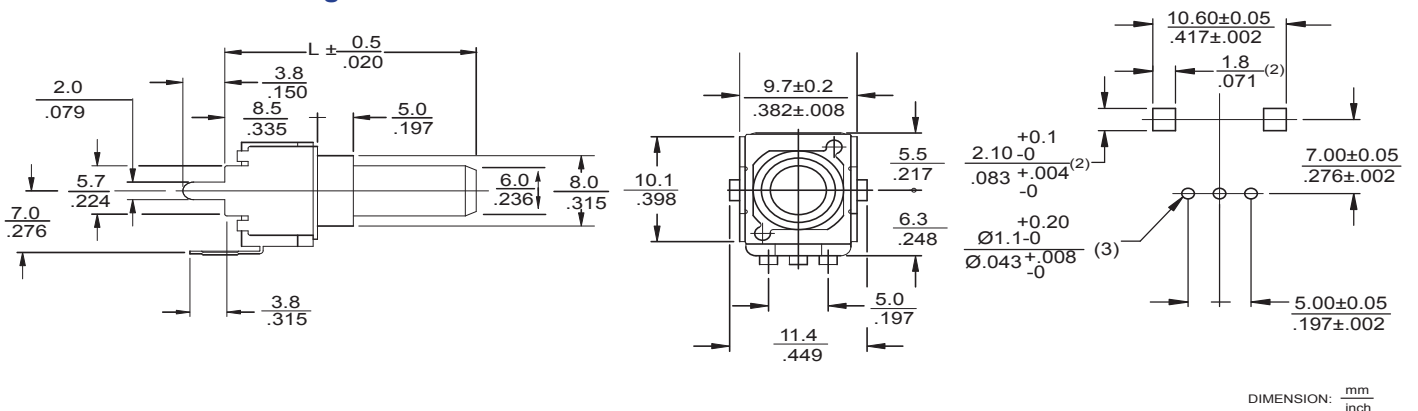
250Y



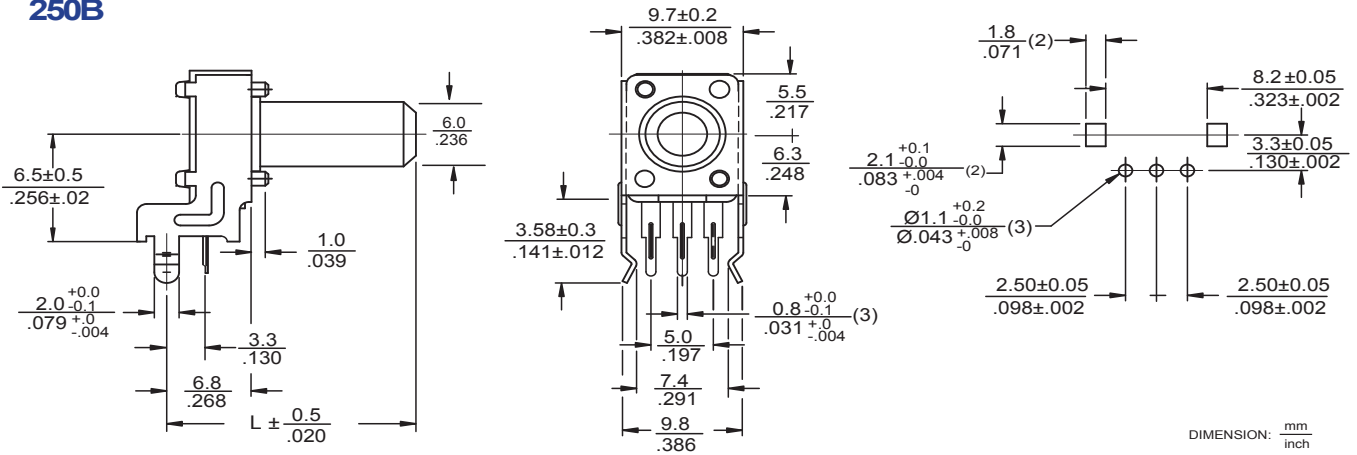
250U Without Bushing



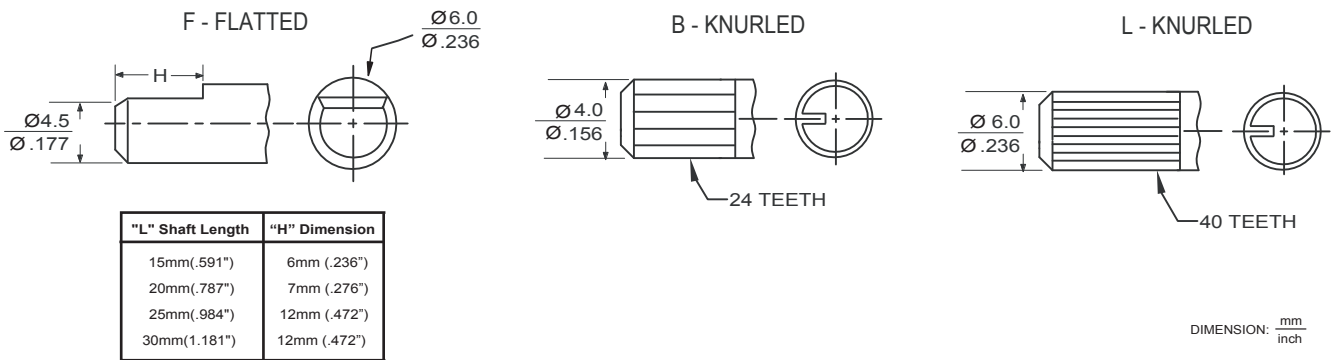
250U With Bushing



250B



Shaft Trim



Ordering Information

