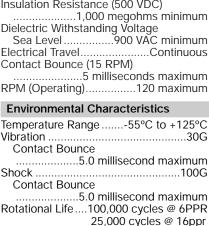


#### **Features**

- Miniature package for design flexibility
- Long operating life
- Conductive plastic element
- Bushing or PC board mount
- Quadrature output

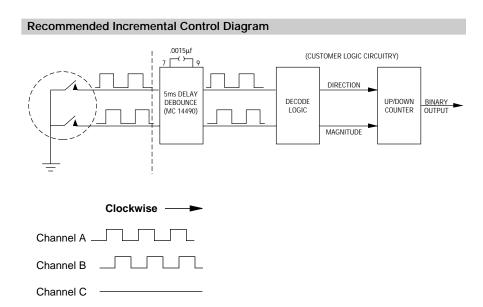
### 3315 - 9mm Square Sealed Incremental Encoder

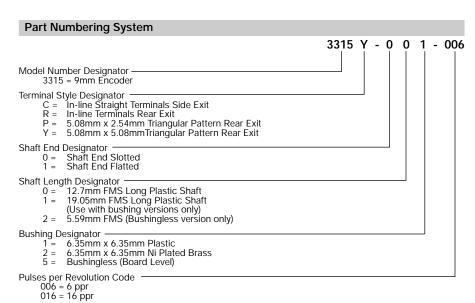
### **Electrical Characteristics** Output.....2-bit gray code, Channel A leads Channel B electrically turning clockwise (CW) Closed Circuit Resistance......5 ohms Contact Rating......100 milliamp @ 16 VDC maximum Insulation Resistance (500 VDC) .....1,000 megohms minimum Dielectric Withstanding Voltage Sea Level ......900 VAC minimum Electrical Travel......Continuous Contact Bounce (15 RPM) .....5 milliseconds maximum RPM (Operating)......120 maximum **Environmental Characteristics** Temperature Range ......-55°C to +125°C



#### **Mechanical Characteristics**

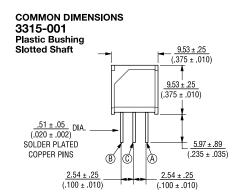
Mechanical Angle ......Continuous Torque ......5 oz-in. maximum Marking ......Manufacturer's symbol and model number, product code, terminal style, date code and resistance code

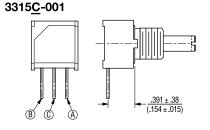


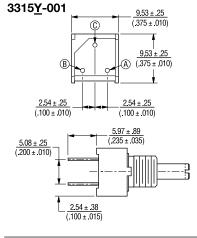


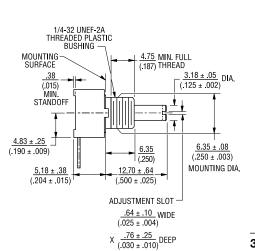
### 3315 - Dimensions and Tolerances

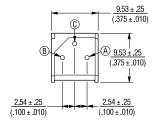
## BOURNS





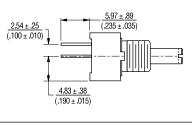


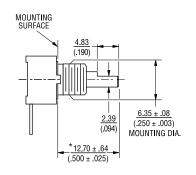


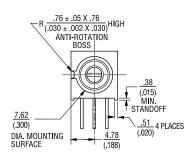


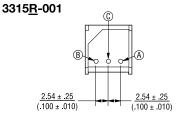
3315P-001

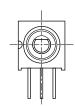


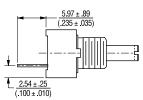








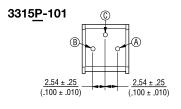


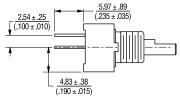


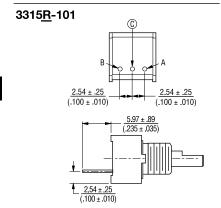
\*FMS = From Mounting Surface

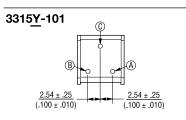
## 3315 - Dimensions and Tolerances

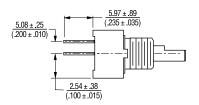
## BOURNS



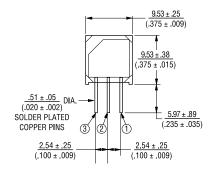


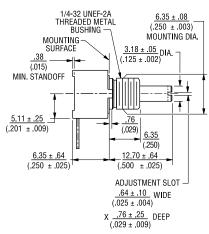


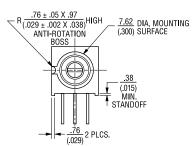


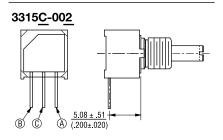


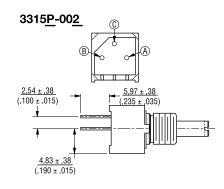
# COMMON DIMENSIONS 3315-002 Metal Bushing

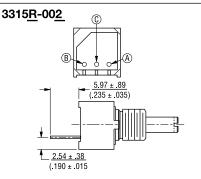


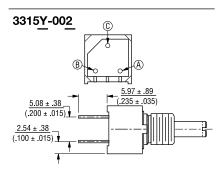








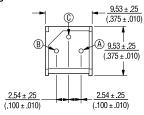


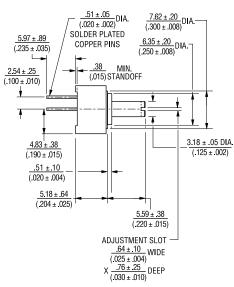


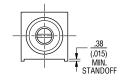
## 3315 - Dimensions and Tolerances

## **BOURNS**

### 3315<u>P</u>-00<u>5</u> Bushingless







### 3315<u>Y</u>-00<u>5</u> Bushingless

