

Electrical Characteristics

Standard Resistance Range
 10 to 1 megohm
 (see standard resistance table)
 Resistance Tolerance ±10 % std.
 (closer tolerance available)
 Absolute Minimum Resistance
 1 % or 2 ohms
 (whichever is greater)
 Contact Resistance Variation
 3.0 % or 3 ohms max.
 (whichever is greater)
 Adjustability
 Voltage ±0.05 %
 Resistance ±0.15 %
 Resolution Infinite
 Insulation Resistance 500 vdc.
 1,000 megohms min.
 Dielectric Strength
 Sea Level..... 600 vac
 80,000 Feet 250 vac
 Adjustment Angle..... 240 ° nom.

Environmental Characteristics

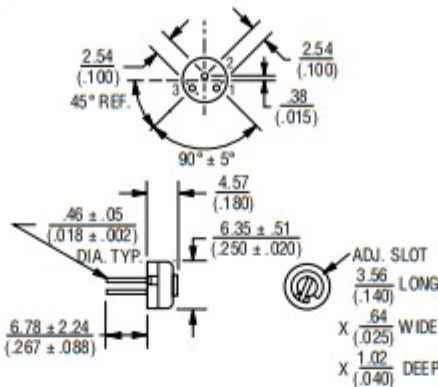
Power Rating @ 85 °C (300 volts max.)
 0.5 watt
 Power Rating @ 150 °C..... 0 watt
 Temperature Range ... -55 °C to +150 °C
 Temperature Coefficient ... ±100 ppm/°C
 Seal Test 85 °C Fluorinert†
 Humidity MIL-STD-202 Method 103
 96 hours
 (3 % ΔTR, 10 Megohms IR)
 Vibration 30 G (1 % ΔTR; 1 % ΔVR)
 except "P" pin style
 Shock 100 G (1 % ΔTR; 1 % ΔVR)
 Load Life
 1,000 hours 0.5 watt @ 85 °C
 (3 % ΔTR; 3 % CRV)
 Rotational Life 200 cycles
 (4 % ΔTR; 4 % CRV)

Physical Characteristics

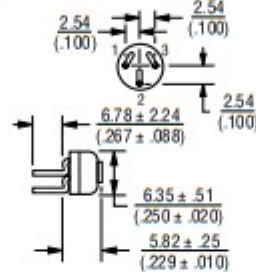
Mechanical Angle..... 260 ° nom.
 Torque..... 5.0 oz-in. max.
 Stop Strength 5.0 oz-in. min.
 Terminals Solderable pins
 Weight 0.02 oz.
 Marking..... Manufacturer's trademark,
 resistance code, date code,
 manufacturer's model number
 and style
 Wiper 50 % (Actual TR) ±10 %
 Standard Packaging..... 50 pcs. per tube
 Adjustment Tool..... H-90

Product Dimensions

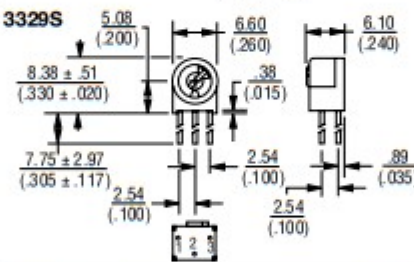
3329H



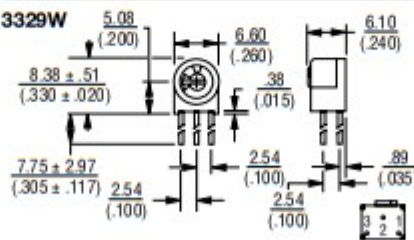
3329P



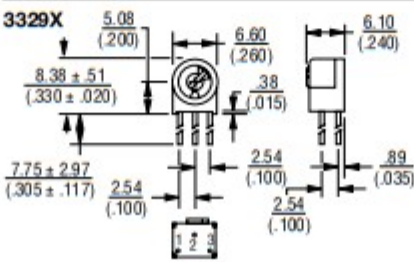
3329S



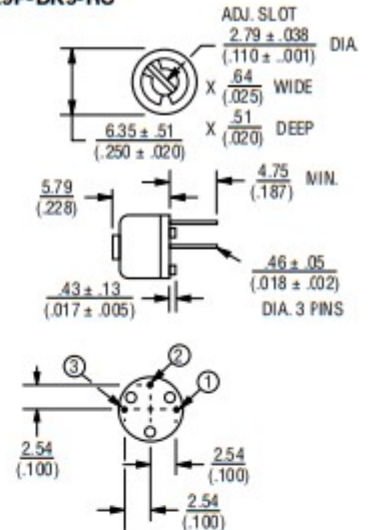
3329W



3329X

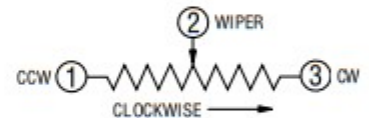


3329P-DK9-RC



DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$

TOLERANCES: ± $\frac{0.25}{(.010)}$ EXCEPT WHERE NOTED



How To Order

Model **3329 M - 1 - 103** LF
 Style _____
 Standard or Modified Product Indicator
 -1 = Standard Product
 -DK9 = Plastic Spacer
 Resistance Code _____
 Packaging Designator _____
 Blank = Tube (Standard)
 R = Tape and Reel (M and U Pin Styles Only)
 A = Ammo Pack (M and U Pin Styles Only)
 Terminations _____
 LF = 100 % Tin-plated (RoHS compliant)
 Blank = 90 % Tin / 10 % Lead-plated (Standard)
 Consult factory for other available options.
 Tape and reel material meets Antistatic ANSI/ESD 5541-2003 packaging standards.