

Features

- 1/4" Round / Single-Turn / Cermet Industrial / Sealed
- 5 standard terminal styles
- Tape and reel packaging available (see page 71 for details)

3329 - 1/4" Round Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range10 to 1 megohm
 (see standard resistance table)
 Resistance Tolerance±10% std.
 (closer tolerance available)
 Absolute Minimum Resistance1% or 2 ohms
 (whichever is greater)
 Contact Resistance Variation3.0% or 3 ohms max.
 (whichever is greater)
 Adjustability
 Voltage±0.05%
 Resistance±0.15%
 Resolution.....Infinite
 Insulation Resistance500 vdc.
 1,000 megohms min.
 Dielectric Strength
 Sea Level600 vac
 80,000 Feet250 vac
 Adjustment Angle240° nom.

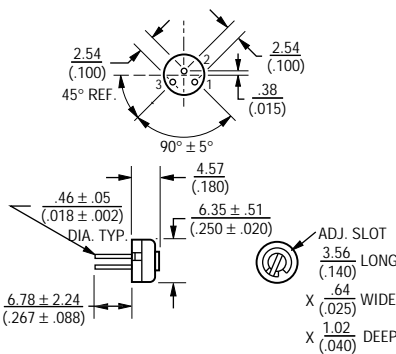
Environmental Characteristics

Power Rating @ 85°C (300 volts max.)0.5 watt
 Power Rating @ 150°C0 watt
 Temperature Range-55°C to +150°C
 Temperature Coefficient±100ppm/°C
 Seal Test85°C Fluorinert*
 Humidity.....MIL-STD-202 Method 106
 96 hours
 (3% ΔTR, 10 Megohms IR)
 Vibration.....30G (1% ΔTR; 1% ΔVR)
 Shock.....100G (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)

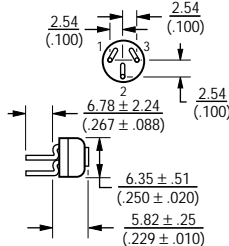
Physical Characteristics

Mechanical Angle260° nom.
 Torque5.0 oz-in. max.
 Stop Strength5.0 oz-in. min.
 TerminalsSolderable pins
 Weight0.02 oz.
 MarkingManufacturer's trademark,
 resistance code, date code,
 manufacturer's model number
 and style
 WiperPositioned at 50% nominal
 Standard Packaging50 pcs. per tube
 Adjustment ToolH-90

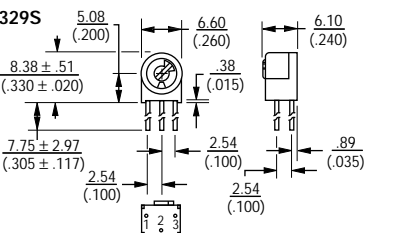
3329H



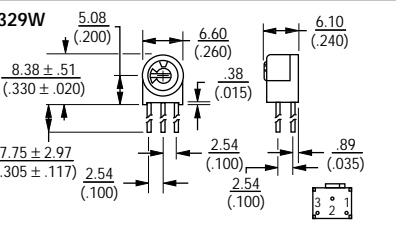
3329P



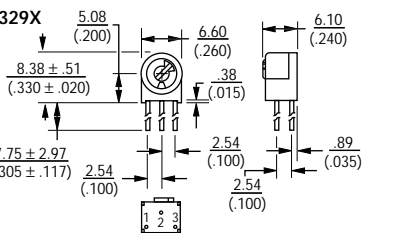
3329S



3329W



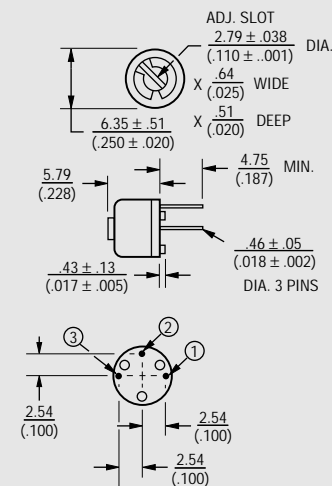
3329X



TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

DIMENSIONS ARE: METRIC / (INCHES)

3329P-DK9-RC



How To Order

Model **3329 H - 1 - 103**
 Style _____
 Standard or Modified Product Indicator
 -1 = Standard Product
 -DK9 = Plastic Spacer
 Resistance Code _____
 Consult factory for other available options.

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
25,000	253
50,000	503
100,000	104
200,000	204
250,000	254
500,000	504
1,000,000	105

Popular values listed in boldface. Special resistances available.

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