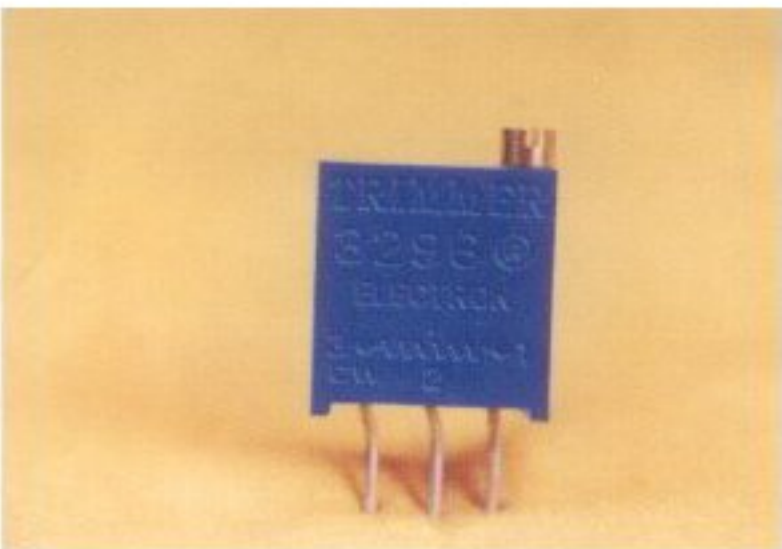


Trimming Potentiometers

3/8" SQUARE/MULTITURN/CERMET INDUSTRIAL/SEALED

- 5 terminal styles
- Standoffs



Model 3296 Trimming Potentiometer

Electrical Characteristics

- Standard Resistance Range
..... 10 to 2 megohms
(See standard resistance table)
- Resistance Tolerance..... $\pm 10\%$ std.
- Absolute Minimum Resistance
..... 1% or 2 ohms max.
(Whichever is greater)
- Contact Resistance Variation
..... 1.0% or 3 ohms max.
(whichever is greater)
- Adjustability
Voltage..... $\pm 0.01\%$
Resistance..... $\pm 0.05\%$
- Resolution..... Infinite
- Insulation Resistance..... 500vdc.
1,000 megohms min.
- Dielectric Strength
Sea Level..... 900 vac
70,000 Feet..... 350vac
- Effective Travel..... 25 turns nom.

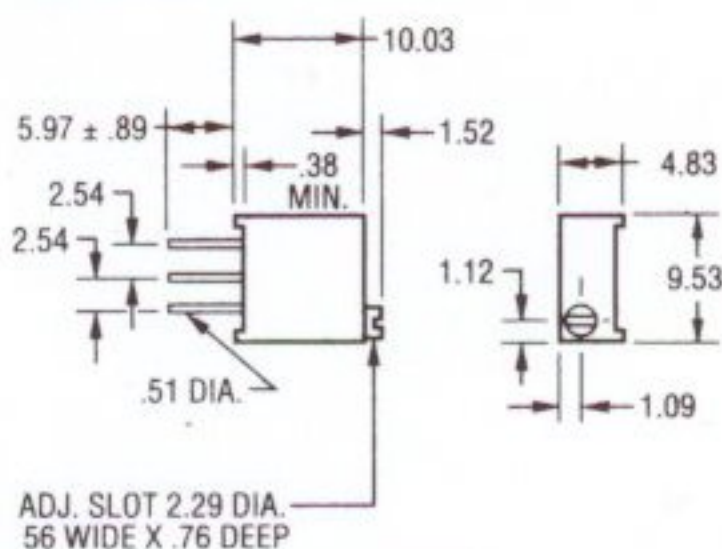
Environmental Characteristics

- Power Rating (300 volts max.)
85°C..... 0.5 watt
150°C..... 0 watt
- Temperature Range
..... -55°C to +150°C
- Temperature Coefficient
..... ± 100 ppm/°C
- Vibration..... 20G (1% Δ TR; 1% Δ VR)
- Shock..... 100G (1% Δ TR; 1% Δ VR)
- Load Life
..... 1,000 hours 0.5 watts @ 70°C
(2% Δ TR; 1% Δ VR)
- Rotational Life..... 200 cycles
(2% Δ TR; 1% Δ VR)

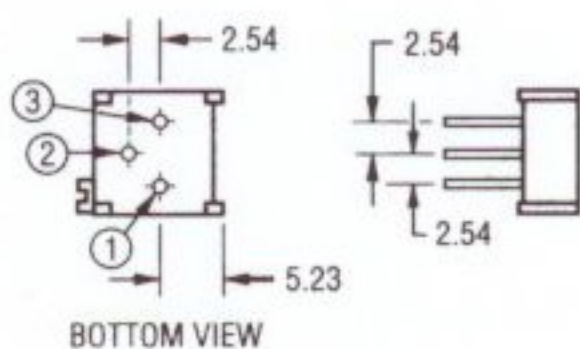
Physical Characteristics

- Torque..... 3.0 oz-in. max.
- Mechanical Stops..... Wiper idles
- Terminals..... Solderable pins
- Weight..... 0.03oz.
- Marking..... Manufacturer's
Trademark, resistance code,
Wiring diagram, date code,
Manufacturer's model
Number and style
- Wiper..... Positioned at 50% nominal
- Standard Packaging..... 50 pcs. Per tube

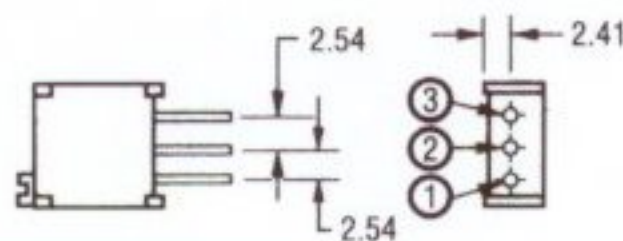
COMMON DIMENSIONS



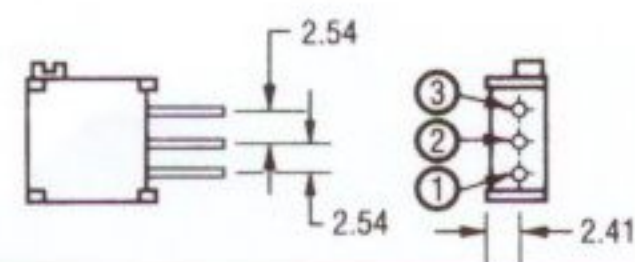
3296P



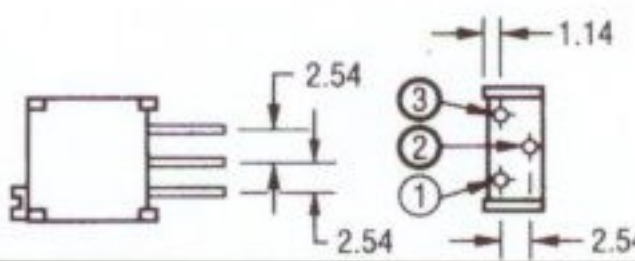
3296W



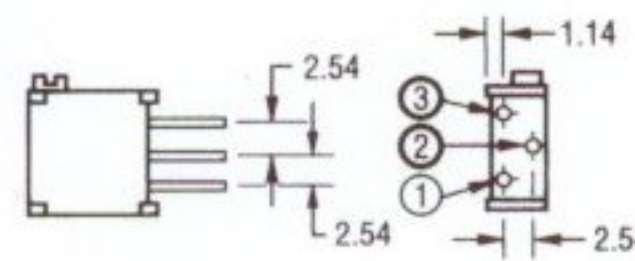
3296 X



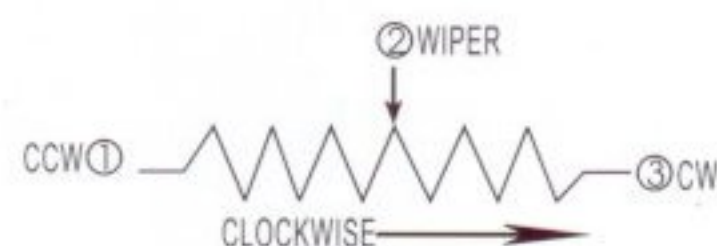
3296Y (COMMERCIAL ONLY)



3296Z (COMMERCIAL ONLY)



TOLERANCES: ± 0.25 EXCEPT WHERE NOTED
DIMENSIONS: MM



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
2,000,000	205

Popular values listed in boldface. Special Resistances available.

HOW TO ORDER

Model _____ 3296 W - 1 - 103

Style _____

Standard or Modified _____

Product Indicator _____

-1 = Standard Product

Resistance Code _____