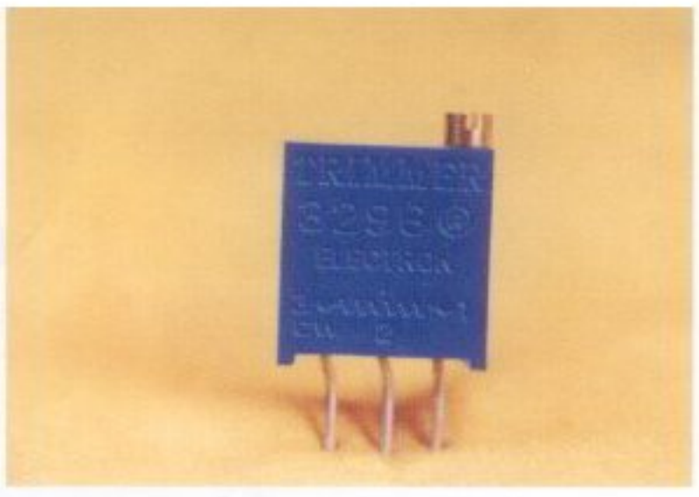
Trimming Potentiometers

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……±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……±0.01%
Resistance……±0.05%
Resolution……Infinite
Insulation Resistance……500vdc.
1,000 megohms min.
Dielectric Strength
Sea Level……900 vac
70,000Feet……350vac
Effective Travel……25 turns nom.

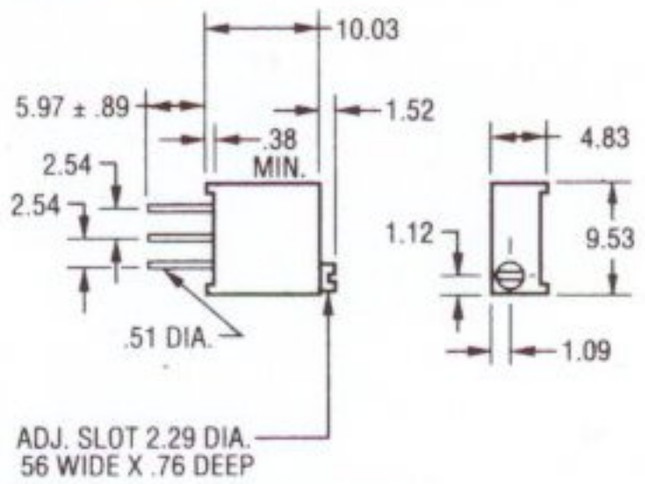
Environmental Characteristics

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

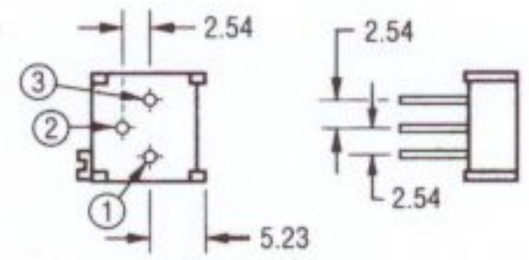
Physical Characteristics

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

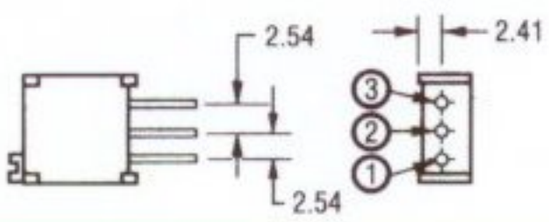
COMMON DIMENSIONS



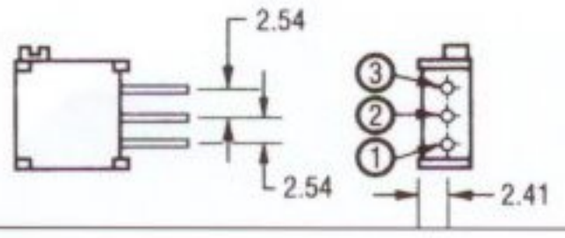
3296P



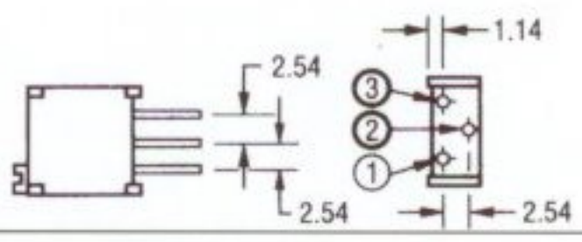
3296W



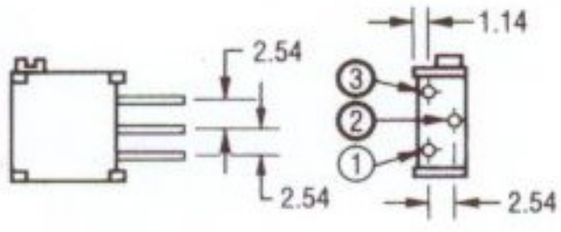
3296 X



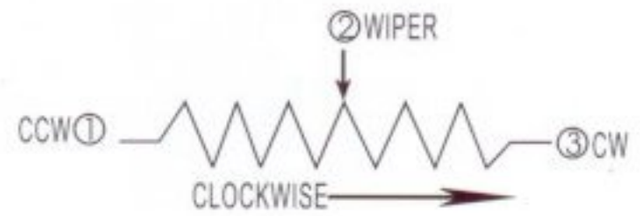
3296Y (COMMERCIAL ONLY)



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

3296 W - 1 - 103

Model
Style
Sandard or Modified
Product Indicator
-1 = Standard Product
Resistance Code

Specifications are subject to change without notice.