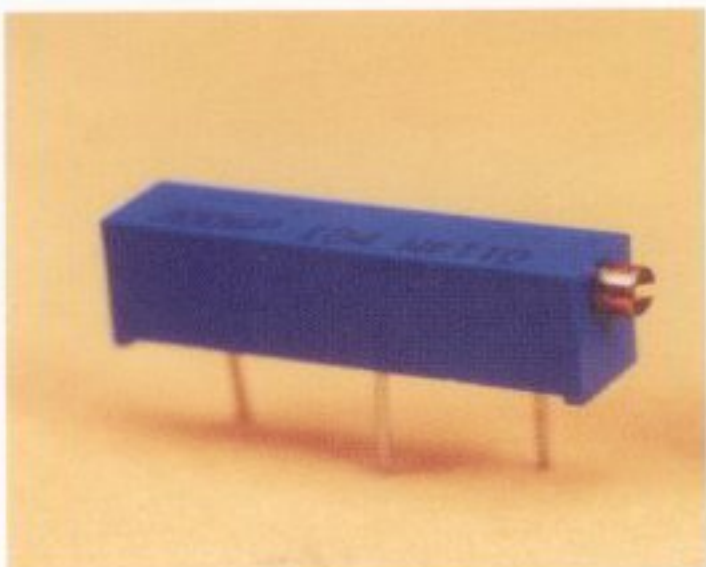


Trimming Potentiometers

3/4" RECTANGULAR/MULTITURN CERMET/INDUSTRIAL/SEALED

- Low PC board profile - only 1/4" high
- Panel mount option available
- Transparent housing available, setting visually without Hook-up and instrumentation ("P" style only)



Model 3006 Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range
.....10 to 5 megohms
(See standard resistance table)
Resistance Tolerance..... $\pm 10\%$ std.
(tighter tolerance available)
Absolute Minimum Resistance
.....1.0% or 2 ohms max.
(Whichever is greater)
Contact Resistance Variation
.....1.0% or 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.....1,000vac
80,000Feet.....250vac
Adjustment Angle.....15 turns nom.

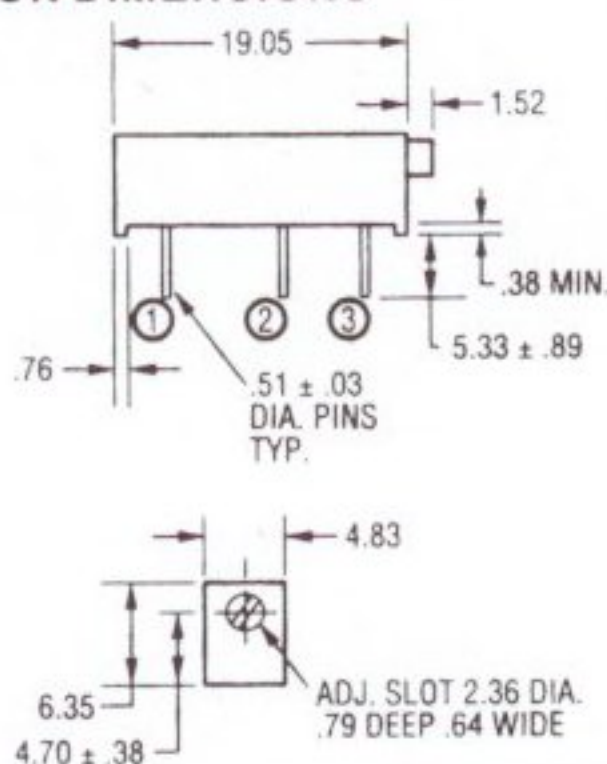
Environmental Characteristics

Power Rating (400 volts max.)
70°C.....0.75watt
150°C.....0 watt
Temperature Range.....-55°C to +125°C
Temperature Coefficient... $\pm 100\text{ppm}/^\circ\text{C}$
Vibration.....20G(2% ΔTR ; 2% ΔVR)
Shock.....50G (2% ΔTR ; 2% ΔVR)
Load Life...1,000 hours 0.75 watts 70°C
(4% ΔTR)
Rotational Life.....200 cycles
(3% ΔTR ; 1% or 1 ohm,
whichever is greater, CRV)

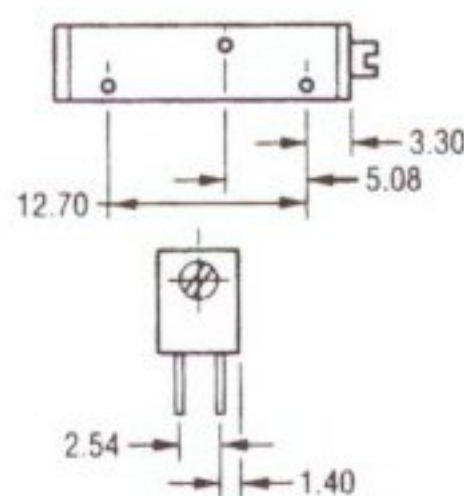
Physical Characteristics

Torque.....5.0 oz-in. max.
Mechanical Stops.....Wiper idles
Terminals.....Solderable pins
Weight.....0.04 oz.
Marking.....Manufacturer's
trademark, resistance code,
terminal numbers, date code
manufacturer's model number
and style
Wiper.....Positioned at 50% nominal
Flammability.....U.L. 94V-0
Standard Packaging...25 pcs. Per tube

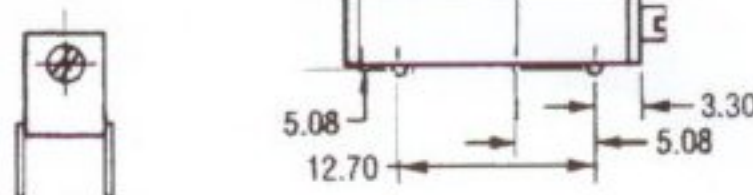
COMMON DIMENSIONS



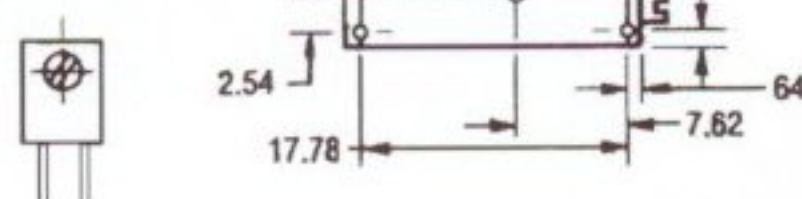
3006P



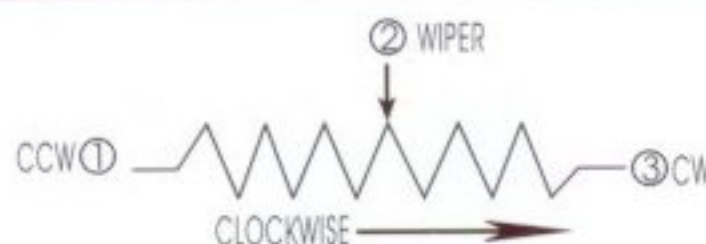
3006W



3006Y



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
25,000	254
50,000	504
1,000,000	105
2,000,000	205

Popular values listed in boldface. Special Resistances available.

HOW TO ORDER

Model _____
Style _____
Standard or Modified _____
Product Indicator _____
-1=Standard Product
-7=Transparent Housing
Resistance Code _____

Consult factory for other available options.