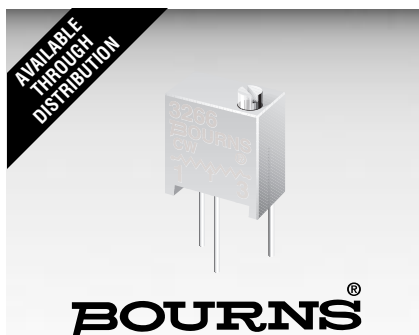




Features

- Multiturn / Cermet / Industrial / Sealed
- Standoffs allow thorough PC board washing
- Tape and reel packaging available (see page 63 for details)
- Patent #4427966 drive mechanism

3266 - 1/4" Square Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range
.....10 to 1 megohm
(see standard resistance table)
Resistance Tolerance±10% std.
Absolute Minimum Resistance
.....1% or 2 ohms max.
(whichever is greater)
Contact Resistance Variation
.....3.0% or 3 ohms max.
(whichever is greater)
Adjustability
Voltage.....±0.02%
Resistance.....±0.05%
Resolution.....Infinite
Insulation Resistance500 vdc.
1,000 megohms min.
Dielectric Strength
Sea Level.....600 vac
80,000 Feet.....250 vac
Effective Travel.....12 turns nom.

Environmental Characteristics

Power Rating (300 volts max.)
70°C0.25 watt
150°C0 watt
Temperature Range.....-55°C to +150°C
Temperature Coefficient±100ppm/°C
Seal Test85°C Fluorinert*
Humidity.....MIL-STD-202 Method 103
96 hours (2% ΔTR, 10 Megohms IR)
Vibration.....30G (1% ΔTR; 1% ΔVR)
Shock.....100G (1% ΔTR; 1% ΔVR)
Load Life1,000 hours 0.25 watt 70°C
(3% ΔTR; 3% CRV)
Rotational Life200 cycles
(4% ΔTR; 3% or 3 ohms,
whichever is greater, CRV)

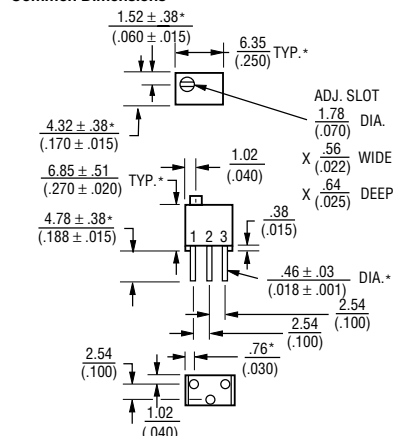
Physical Characteristics

Torque3.0 oz-in. max.
Mechanical Stops.....Wiper idles
TerminalsSolderable pins
Weight0.015 oz.
MarkingManufacturer's
trademark, resistance code,
wiring diagram, date code,
manufacturer's model
number and style
WiperPositioned at 50% nominal
FlammabilityU.L. 94V-0
Standard Packaging50 pcs. per tube
Adjustment ToolH-90

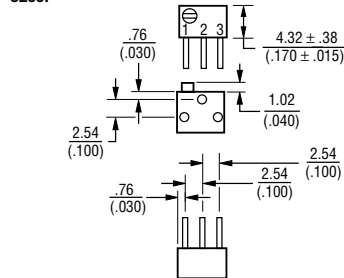
*"FLUORINERT" IS A REGISTERED TRADEMARK OF 3M CO.

3266W

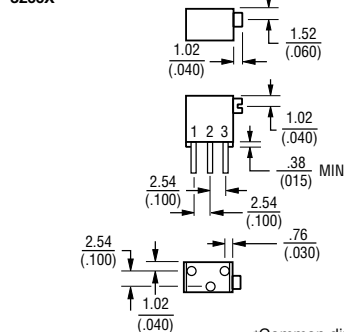
Common Dimensions



3266P



3266X



TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

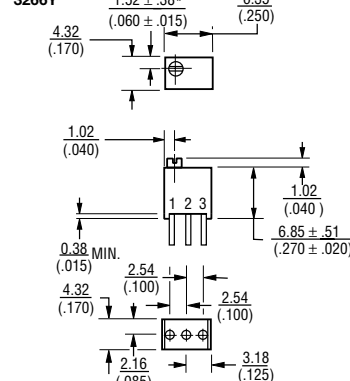
DIMENSIONS ARE: METRIC
(INCHES)

How to Order

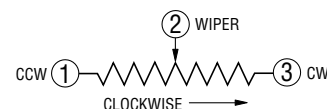
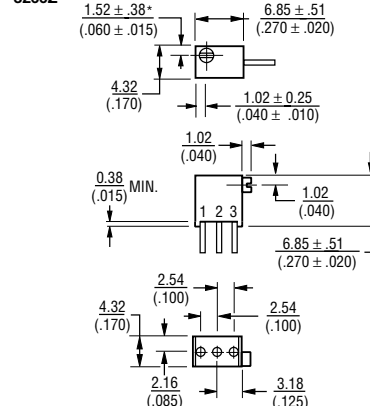
Model _____
Style _____
Standard or Modified
Product Indicator
-1 = Standard Product
Resistance Code _____
Consult factory for other available options.

3266 W - 1 - 103

3266Y



3266Z



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.

SHADED AREAS TYPICALLY NOT STOCKED BY DISTRIBUTORS AND NOT RECOMMENDED FOR NEW DESIGNS.