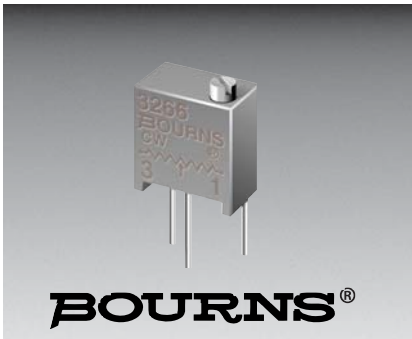




- Low TCR
- Multiturn / Cermet / Industrial / Sealed
- Standoffs allow thorough PC board washing
- Patent #4427966 drive mechanism



Model 3266-LTC is obsolete and not recommended for new designs.
Model 3266 is preferred.

- Rheostat applications with wiper currents less than 25 microamps
- Process control instrumentation
- Power supplies

Standard Resistance Range 2 K to 25 K ohms
(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 Resistance 500 vdc.
1,000 megohms min.

Dielectric Strength

Sea Level 600 vac

80,000 Feet 250 vac

Effective Travel 12 turns nom.

Power Rating (300 volts max.)
 70 °C 0.25 watt
 150 °C 0 watt
 Temperature Range
 -55 °C to +150 °C
 Temperature Coefficient
 End to End ± 20 ppm/°C
 Through the Wiper ± 50 ppm/°C
 Seal Test 85 °C Fluorinert
 Humidity MIL-STD-202 Method 103
 96 hours (2 % Δ TR, 10 Megohms IR)
 Vibration 30 G (1 % Δ TR; 1 % Δ VR)
 Shock 100 G (1 % Δ TR; 1 % Δ VR)
 Load Life... 1,000 hours 0.25 watt 70 °C
 (3 % Δ TR; 3 % CRV)
 Rotational Life 200 cycles
 (4 % Δ TR; 3 % or 3 ohms,
 whichever is greater, CRV)

Torque.....	3.0 oz-in. max.
Mechanical Stops.....	Wiper idles
Terminals	Solderable pins
Weight	0.015 oz.
Marking.....	Manufacturer's trademark, resistance code, wiring diagram, date code, manufacturer's model number and style
Wiper	50 % $\pm$ 10 %
Flammability	U.L. 94V-0
Standard Packaging.....	50 pcs. per tube
Adjustment Tool.....	H-90

NOTE: TCR through the wiper applies when 40 % or more of the resistance element is in the circuit.

3266W
Common Dimensions

Technical drawing of the 3266W integrated circuit showing top, side, and bottom views with dimensions in inches and mils.

Top View Dimensions:

- Pin 1 to Pin 2: $1.24 \pm .25^{**}$ ($.049 \pm .010$)
- Pin 2 to Pin 3: $6.71 \pm .38$ ($.264 \pm .015$) TYP.
- Pin 3 to Pin 4: 1.78 ($.070$) DIA. (Adj. Slot)
- Pin 4 to Pin 5: $4.50 \pm .38^{**}$ ($.177 \pm .015$)
- Pin 5 to Pin 6: $7.24 \pm .51$ ($.285 \pm .020$) TYP. **
- Pin 6 to Pin 7: $4.78 \pm .38^{**}$ ($.188 \pm .015$)
- Pin 7 to Pin 8: $1.22 \pm .25$ ($.048 \pm .010$)
- Pin 8 to Pin 9: $.46 \pm .13$ ($.018 \pm .005$)
- Pin 9 to Pin 10: $.46 \pm .03$ ($.018 \pm .001$) DIA. **
- Pin 10 to Pin 11: 2.54 ($.100$)
- Pin 11 to Pin 12: 2.54 ($.100$)
- Pin 12 to Pin 13: $.76^{**}$ ($.030$)
- Pin 13 to Pin 14: 1.02 ($.040$)

Side View Dimensions:

- Pin 1 to Pin 2: 1.52 ($.06$)
- Pin 2 to Pin 3: $4.42 \pm .51$ ($.174 \pm .020$)

Bottom View Dimensions:

- Pin 1 to Pin 2: $0.76 \pm .25$ ($.030 \pm .010$)
- Pin 2 to Pin 3: $1.02 \pm .25$ ($.040 \pm .010$)
- Pin 3 to Pin 4: $2.54 \pm .25$ ($.100 \pm .010$)
- Pin 4 to Pin 5: $6.48 \pm .51$ ($.255 \pm .020$)
- Pin 5 to Pin 6: $2.54 \pm .25$ ($.100 \pm .010$)
- Pin 6 to Pin 7: $2.54 \pm .25$ ($.100 \pm .010$)
- Pin 7 to Pin 8: $2.54 \pm .25$ ($.100 \pm .010$)

Resistance (Ohms)	Resistance Code
2,000	202
5,000	502
10,000	103
20,000	203
25,000	253

Popular values listed in boldface. Special resistances available.

3266 W - LTC - 103

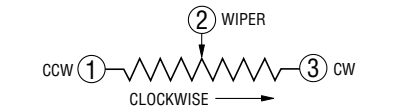
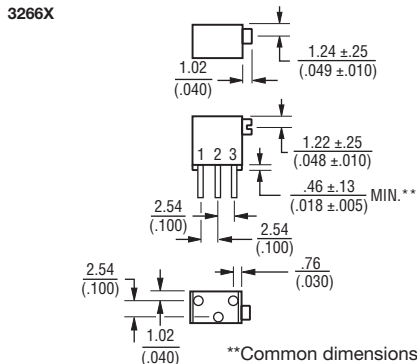
Model _____

Style _____

Product Indicator _____

Resistance Code _____

Consult factory for other available options.



DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$
TOLERANCES: $\pm \frac{0.25}{(.010)}$ EXCEPT WHERE NOTED

†“Fluorinert” is a registered trademark of 3M Co.
“Trimpot” is a registered trademark of Bourns, Inc.
Specifications are subject to change without notice.
Equal device performance in their specific applications.

Customers should verify actual device performance in their specific applications.