



Features

- Multiturn / Cermet / Industrial / Sealed
- Standoffs allow thorough PC board washing
- Tape and reel packaging available
- RoHS compliant* version available
- For trimmer applications/processing guidelines, [click here](#)

3266 - 1/4 " Square Trimpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range10 ohms to 1 megohm
(see standard resistance table)
Resistance Tolerance $\pm 10\%$ 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 $\pm 0.02\%$
Resistance $\pm 0.05\%$
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.

Environmental Characteristics

Power Rating (300 volts max.)
70 °C 0.25 watt
150 °C 0 watt
Temperature Range ... -55 °C to +125 °C
Temperature Coefficient ... ± 100 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)

Physical Characteristics

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 % (Actual TR) $\pm 10\%$
Flammability U.L. 94V-0
Standard Packaging 50 pcs. per tube
Adjustment Tool H-90



Product Dimensions

3266W

Common Dimensions



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BOURNS®

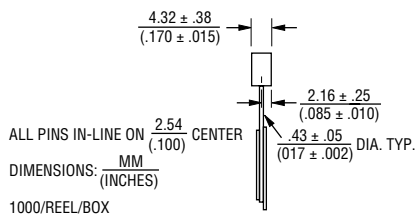
Standard Resistance Table

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 distribution resistance values listed in boldface. Special resistances available.

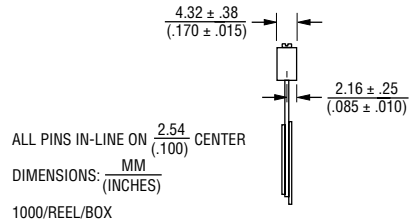
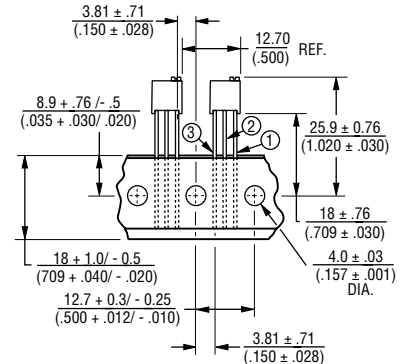
Packaging Specifications

**SIDE ADJUST
3266Z-1**



ALL PINS IN-LINE ON 2.54 (.100) CENTER
DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$
1000/REEL/BOX

**TOP ADJUST
3266Y-1**



ALL PINS IN-LINE ON 2.54 (.100) CENTER
DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$
1000/REEL/BOX

Meets EIA Specification 468.

DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$