

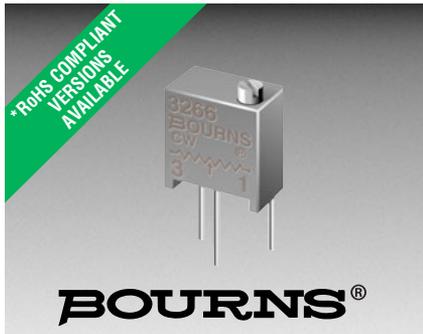
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ELECTRONICS

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Jameco Part Number 769178



Features

- Multiturn / Cermet / Industrial / Sealed
- Standoffs allow thorough PC board washing
- Tape and reel packaging available
- Patent #4427966 drive mechanism
- RoHS compliant* version available

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.....±100 ppm/°C

Seal Test.....85 °C Fluorinert[†]

Humidity.....MIL-STD-202 Method 103

96 hours (2 % ΔTR, 10 Megohms IR)

Vibration.....30 G (1 % ΔTR; 1 % ΔVR)

Shock.....100 G (1 % ΔTR; 1 % ΔVR)

Load Life ...1,000 hours 0.25 watt 70 °C
(3 % ΔTR; 3 % CRV)

Rotational Life.....200 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

Wiper.....50 % (Actual TR) ±10 %

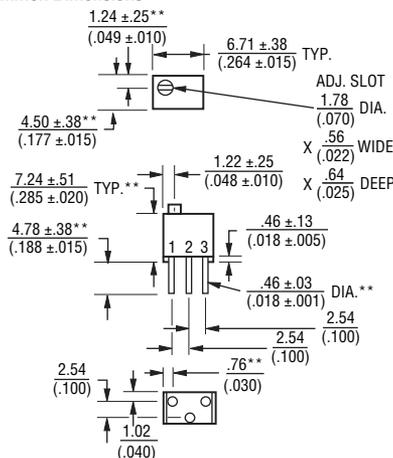
Flammability.....U.L. 94V-0

Standard Packaging50 pcs. per tube

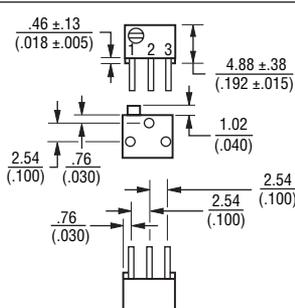
Adjustment ToolH-90

3266W

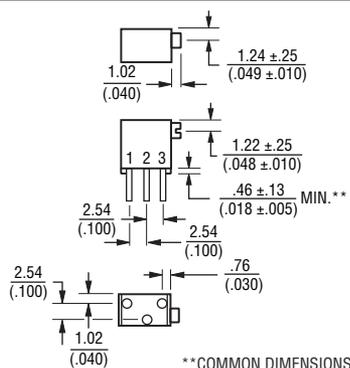
Common Dimensions



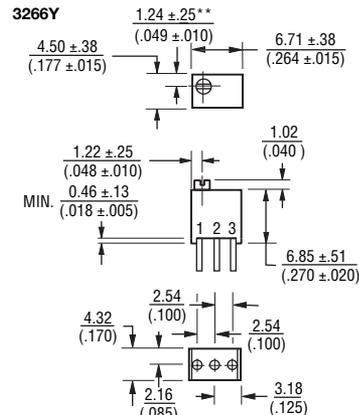
3266P



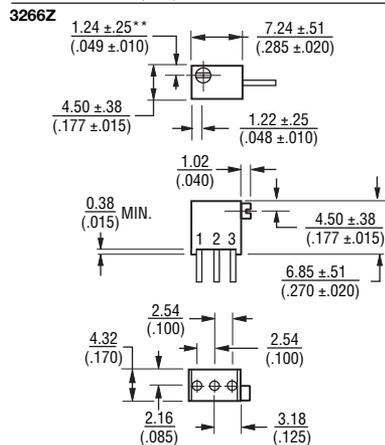
3266X



3266Y



3266Z



TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

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

How to Order

3266 W - 1 - 103 LF

Model _____
 Style _____
 Standard or Modified Product Indicator
 -1 = Standard Product
 Resistance Code _____
 Packaging Designator _____
 Blank = Tube (Standard)
 R = Tape and Reel (Z and Y Pin Styles Only)
 A = Ammo Pack (Z and Y Pin Styles Only)
 Terminations _____
 LF = 100 % Tin-plated (RoHS compliant)
 Blank = 90 % Tin / 10 % Lead-plated (Standard)

Consult factory for other available options.

*RoHS Directive 2002/95/EC Jan 27 2003 including Annex.
[†]"Fluorinert" is a registered trademark of 3M Co.
 Specifications are subject to change without notice.
 Customers should verify actual device performance in their specific applications.

