

Features

- Multiturn / Cermet / Industrial / Sealed
- Standoffs allow thorough PC board
- 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

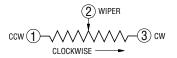
Standard Resistance Range10 ohms to 1 megohm (see standard resistance table) Resistance Tolerance ±10 % std. Absolute Minimum Resistance1 % or 2 ohms max. (whichever is greater) Contact Resistance Variation3.0 % or 3 ohms max. (whichever is greater) Adjustability Voltage Divider.....±0.02 % Rheostat.....±0.05 % Resolution Infinite Insulation Resistance500 vdc. 1,000 megohms min. Dielectric Strength Sea Level...... 600 vac 80,000 Feet250 vac Effective Travel12 turns nom.

Environmental Characteristics

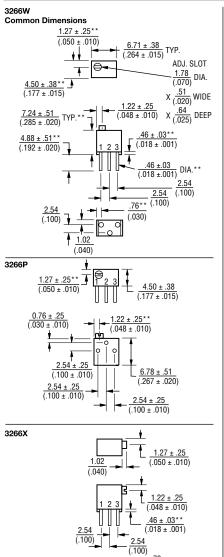
Power Rating (300 volts max.) 70 °C0.25 watt 150 °C 0 watt Temperature Range ... -55 °C to +125 °C Temperature Coefficient ... ±100 ppm/°C Seal Test85 °C Fluorinert† HumidityMIL-STD-202 Method 103 96 hours (2 % ΔTR, 10 Megohms IR) Vibration 30 G (1 % ΔTR; 1 % ΔVR) Shock 100 G (1 % ΔTR; 1 % ΔVR) Load Life... 1,000 hours 0.25 watt 70 °C (3 % ATR; 3 % CRV) Rotational Life200 cycles (4 % ΔTR; 3 % or 3 ohms, whichever is greater, CRV)

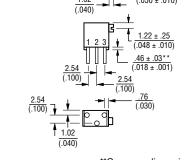
Physical Characteristics

Torque......3.0 oz-in. max. Mechanical Stops......Wiper idles TerminalsSolderable 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) ±10 % FlammabilityU.L. 94V-0 Standard Packaging.....50 pcs. per tube Adjustment Tool......H-90



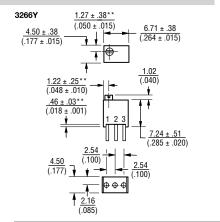
Product Dimensions

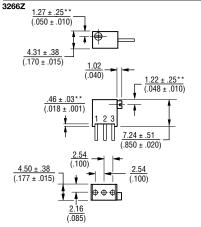




**Common dimensions

MM DIMENSIONS: (INCHES) 0.25 TOLERANCES: ± **EXCEPT WHERE NOTED** (.010)







100 % Tin-plated (RoHS compliant) Blank = 90 % Tin / 10 % Lead-plated (Standard)

Consult factory for other available options. Tape and reel material meets Antistatic ANSI/ ESD 5541-2003 packaging standards.

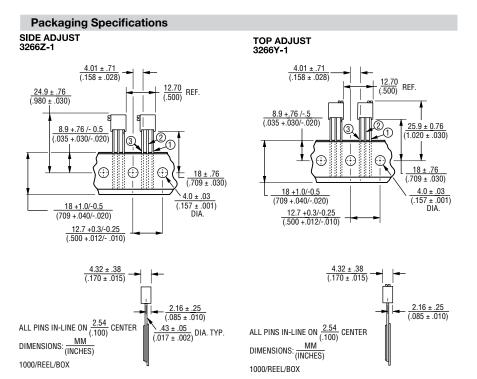
*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011. t"Fluorinert" is a registered trademark of 3M Co.

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Standard Resistance Table

Resistance (Ohms)	Resistance Code
10	100
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.



Meets EIA Specification 468.

DIMENSIONS: (INCHES)