



Features

- Single-Turn / Cermet / Industrial / Open Frame
- Stable cermet element offers infinite resolution
- Very low profile
- Seven standard pin styles

- Thumb and screwdriver adjustment
- RoHS compliant* version available

3352 - 3/8" Round Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range10 to 2 megohms
 (see standard resistance table)
 Resistance Tolerance±20 % std.
 (tighter tolerance available)
 Absolute Minimum Resistance2 ohms max.
 Contact Resistance Variation1.0 % or 1 ohm max.
 (whichever is greater)
 Adjustability
 Voltage±0.05 %
 Resistance±0.25 %
 ResolutionInfinite
 Dielectric Strength
 Sea Level500 vac
 80,000 Feet350 vac
 Adjustment Angle205° nom.

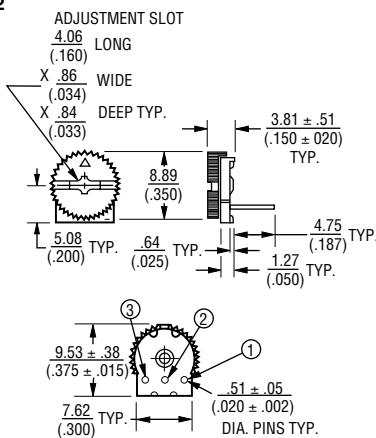
Environmental Characteristics

Power Rating (250 volts max.)
 85 °C0.50 watt
 125 °C0 watt
 Temperature Range-55 °C to +125 °C
 Temperature Coefficient
 ±100 ppm/°C2K & up
 ±150 ppm/°CBelow 2K
 HumidityMIL-STD-202 Method 103
 96 hours
 (2 % ΔTR, 10 Megohms IR)
 Vibration30 G (2 % ΔTR; 2 % ΔVR)
 Shock100 G (2 % ΔTR; 2 % ΔVR)
 Load Life ..1,000 hours 0.5 watt @ 85 °C
 (3 % ΔTR)
 Rotational Life200 cycles
 (10 % ΔTR)

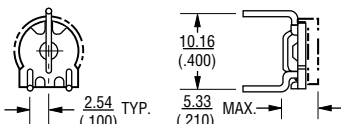
Physical Characteristics

Mechanical Angle250° nom.
 Torque3.0 oz-in. max.
 Stop Strength8 oz -in. min.
 TerminalsSolderable pins
 Weight0.01 oz.
 MarkingManufacturer's trademark, resistance value and model number.
 Date code on packaging.
 Wiper50 % (Actual TR) ±10 %
 Standard Packaging100 pcs. per bag
 Adjustment ToolH-90

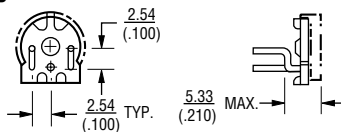
3352



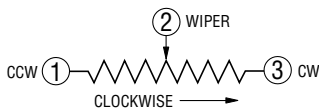
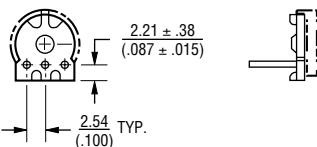
3352E Top Adjust



3352P



3352T



How To Order

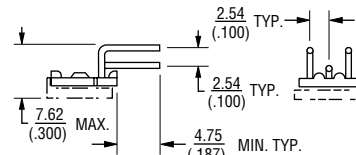
3352 W - 1 - 103 LF

Model _____
 Style _____
 Standard or Modified Product Indicator
 -1 = Standard Product
 Resistance Code _____
 Terminations _____
 LF = 100 % Tin-plated (RoHS compliant)
 Blank = 90 % Tin / 10 % Lead-plated (Standard)

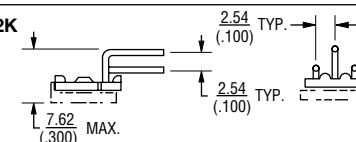
Consult factory for other available options.

3352H

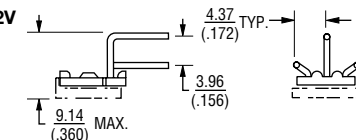
Side Adjust



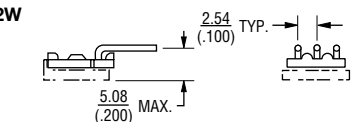
3352K



3352V



3352W



TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

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

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
2,000,000	205

Popular values listed in boldface. Special resistances available.