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 Range
.....10 to 2 megohms
(see standard resistance table)
Resistance Tolerance .....±20 % std.
(tighter tolerance available)
Absolute Minimum Resistance
.....2 ohms max.
Contact Resistance Variation
.....1.0 % or 1 ohm max.
(whichever is greater)
Adjustability
Voltage .....±0.05 %
Resistance .....±0.25 %
Resolution.....Infinite
Dielectric Strength
Sea Level .....500 vac
80,000 Feet .....350 vac
Adjustment Angle .....205 ° nom.

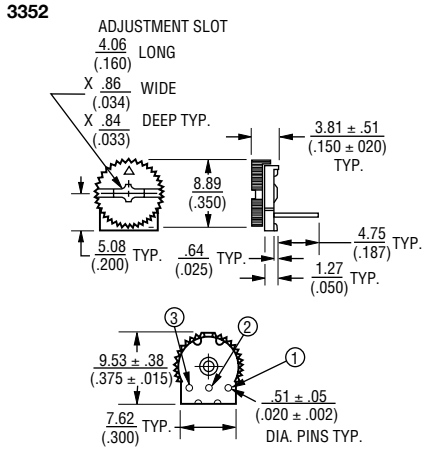
Environmental Characteristics

Power Rating (250 volts max.)
85 °C.....0.50 watt
125 °C.....0 watt
Temperature Range
.....-55 °C to +125 °C
Temperature Coefficient
±100 ppm/°C .....2K & up
±150 ppm/°C.....Below 2K
Humidity.....MIL-STD-202 Method 103
96 hours
(2 % ΔTR, 10 Megohms IR)
Vibration.....30 G (2 % ΔTR; 2 % ΔVR)
Shock.....100 G (2 % ΔTR; 2 % ΔVR)
Load Life ..1,000 hours 0.5 watt @ 85 °C
(3 % ΔTR)
Rotational Life.....200 cycles
(10 % ΔTR)

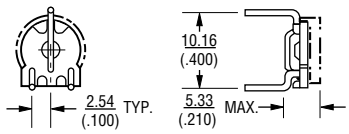
Physical Characteristics

Mechanical Angle .....250 ° nom.
Torque .....3.0 oz-in. max.
Stop Strength .....8 oz -in. min.
Terminals .....Solderable pins
Weight .....0.01 oz.
Marking .....Manufacturer's
trademark, resistance value
and model number.
Date code on packaging.
Wiper.....50 % (Actual TR) ±10 %
Standard Packaging
.....100 pcs. per bag
Adjustment Tool H-90

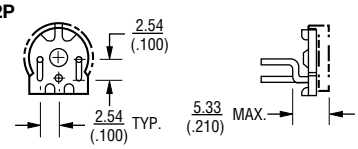
3352



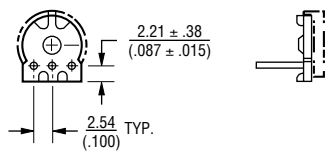
3352E **Top Adjust**

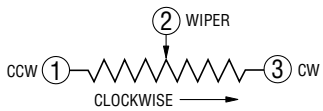


3352P

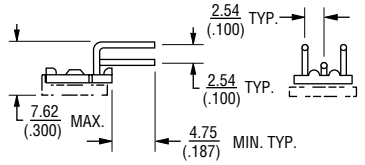


3352T

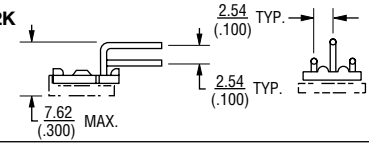




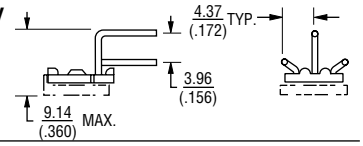
3352H **Side Adjust**



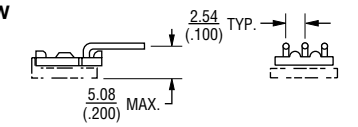
3352K



3352V



3352W



TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

DIMENSIONS ARE: MM / (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.

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.

REV. 09/04

*RoHS Directive 2002/95/EC Jan 27 2003 including Annex.
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.