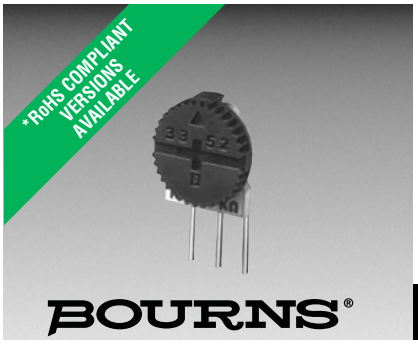


Features

- 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
- For trimmer applications/processing guidelines, click here

3352 - 3/8 " Round Trimpot® 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 Divider ..... ±0.05 %
Rheostat..... ±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)

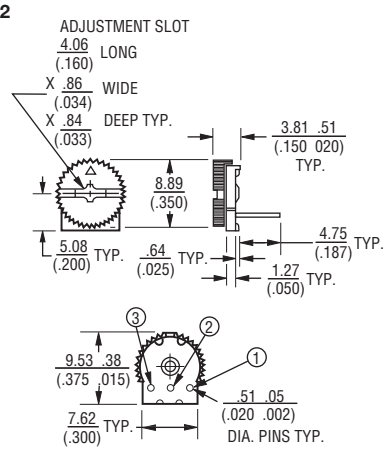
Physical Characteristics

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

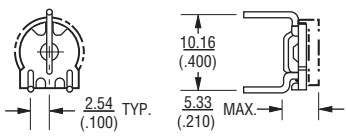
Aqueous cleaning not recommended.

Product Dimensions

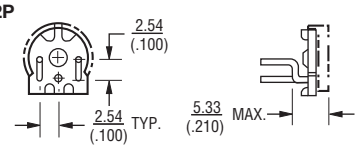
3352



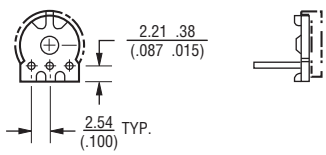
3352E Top Adjust

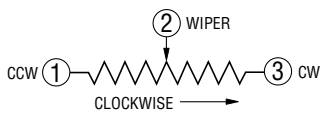


3352P

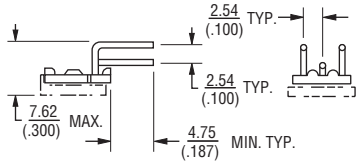


3352T

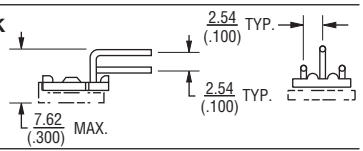




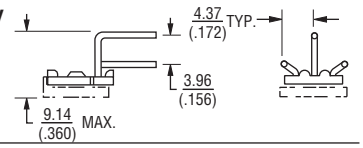
3352H Side Adjust



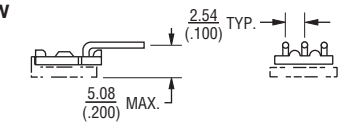
3352K



3352V



3352W



DIMENSIONS: MM / (INCHES)

TOLERANCES: ± 0.25 / (.010) EXCEPT WHERE NOTED

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. 05/13

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.
Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.
Users should verify actual device performance in their specific applications.