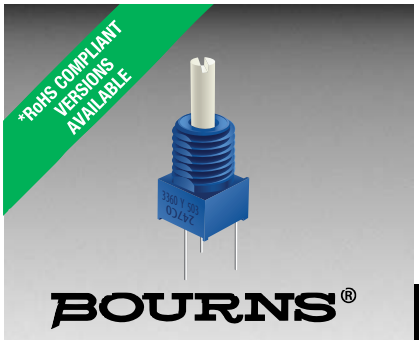


Features

- Conductive plastic
- Linear tapers
- Audio tapers available
- PC board and bushing mount
- Plastic bushing and plastic shaft
- Withstands typical industrial washing processes
- RoHS compliant* version available

3360 - 6 mm Square Sealed Panel Control

Electrical Characteristics

Standard Resistance Range
Linear .....1K ohms to 1 megohm
Total Resistance Tolerance
Linear Tapers .....±20 %
Independent Linearity.....±5 %
Absolute Minimum Resistance
.....2 % or 2 ohms max.
..... (whichever is greater)
Effective Electrical Angle ..240 ° nominal
Contact Resistance Variation
.....1 % or 3 ohms max.
(whichever is greater)
Dielectric Withstanding Voltage
(MIL-STD-202 – Method 301)
Sea Level ..... 900 VAC minimum
70,000 Feet..... 350 VAC minimum
Insulation Resistance
..... 1,000 megohms minimum
Power Rating @ 70 °C
(Derate to 0 at 125 °C
Voltage Limited By Power Dissipation
or 200 VAC, Whichever is Less)
..... .25 watts
Audio Tapers ..... 0.125 watts
Theoretical Resolution
..... Essentially infinite

Environmental Characteristics

Operating Temperature Range
.....+1 °C to +125 °C
Storage Temperature Range
.....-55 °C to +125 °C
Temperature Coefficient
Over Storage Temperature Range
..... ±1,000 ppm/°C
Vibration .....30 G
Total Resistance Shift.... ±2 % maximum
Voltage Ratio Shift..... ±2 % maximum
Shock.....100 G
Total Resistance Shift ... ±2 % maximum
Voltage Ratio Shift..... ±2 % maximum
Load Life..... 1,000 Hours
Total Resistance Shift
.....±10 % TRS maximum
Rotational Life (No Load).. 50,000 Cycles
Total Resistance Shift
.....±5 % TRS maximum
Contact Resistance Variation
.....3 % or 3 ohms,
whichever is greater
Moisture Resistance..... MIL-STD-202,
Method 103, Condition B
Total Resistance Shift
.....±10 % TRS maximum
IP Rating.....IP 67

Physical Characteristics

Stop Strength..... 5.65 N-cm (8 oz.-in.)
Mechanical Angle .....310 ° nominal
Torque
Starting
.....3.53 N-cm (5.0 oz.-in.) maximum
Running
.....3.53 N-cm (5.0 oz.-in.) maximum
Mounting (Torque on Bushing)
.....17 N-cm (1.5 lb.-in.) maximum
[plastic bushing]
Weight .....4.5 grams
Terminals ..... Solderable pins
Soldering Condition
.....5 seconds at 260 °C maximum.
Recommended hand soldering
using Sn95/Ag5 no clean solder,
0.025 wire diameter.
Marking.....Manufacturer's trademark,
model number, product code,
terminal style, resistance code
and date code
Flammability ..... Conforms to UL94V-0
Epoxy..... Conforms to UL94V-1
Hardware (purchased separately)
Nut.....H-38-1
Washer.....H-37-5
MSL 1
ESD Classification (HBM).....2

Standard Resistance Table

Resistance (Ohms)	Resistance Code
1,000	**102**
2,000	**202**
5,000	**502**
10,000	**103**
20,000	**203**
50,000	503
100,000	104
200,000	204
500,000	504
1,000,000	105

Popular distribution resistance values listed in boldface. Special resistances available.

How To Order

3360 Y - 1 - 103 LF

Model

Terminal Style Designator
Single Cup:
C = In-line Straight Terminals Side Exit
P = 5.08 mm x 2.54 mm Triangular Pattern Rear Exit
Y = 5.08 mm x 5.08 mm Triangular Pattern Rear Exit

Bushing Designator
1 = Standard

Resistance Code

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

WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

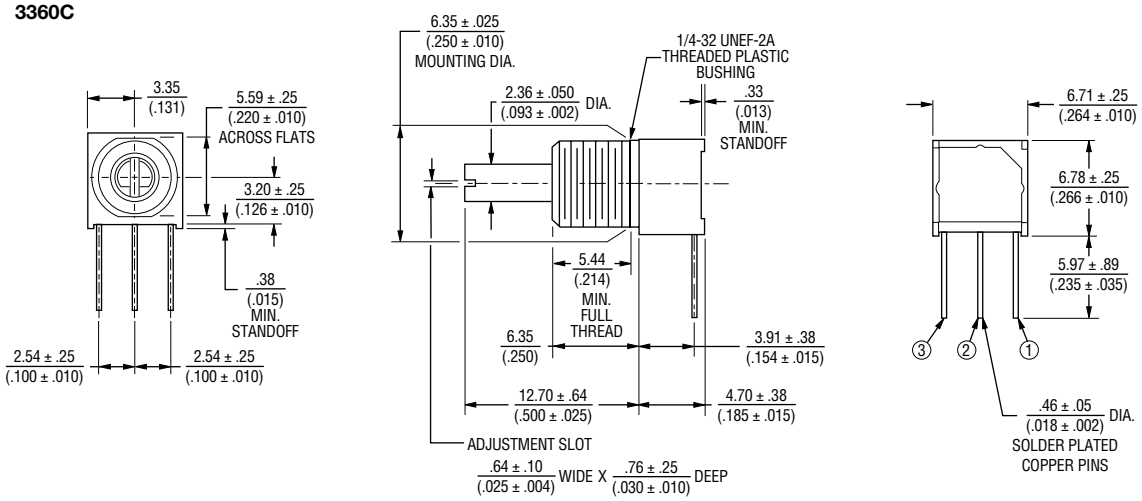
*RoHS Directive 2015/863, Mar 31, 2015 and Annex.
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Users should verify actual device performance in their specific applications.

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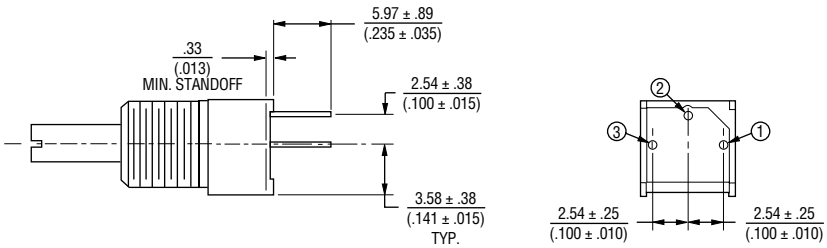
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Product Dimensions

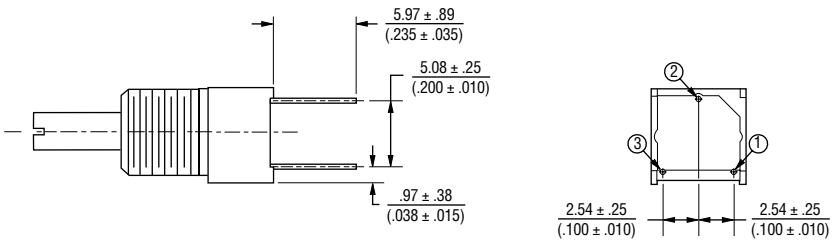
COMMON DIMENSIONS
3360C



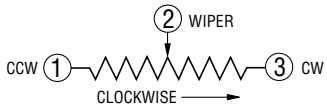
3360P



3360Y



DIMENSIONS: MM / (INCHES)



REV. 10/19

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