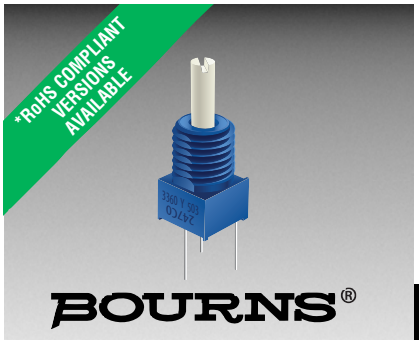
Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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 360 °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

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

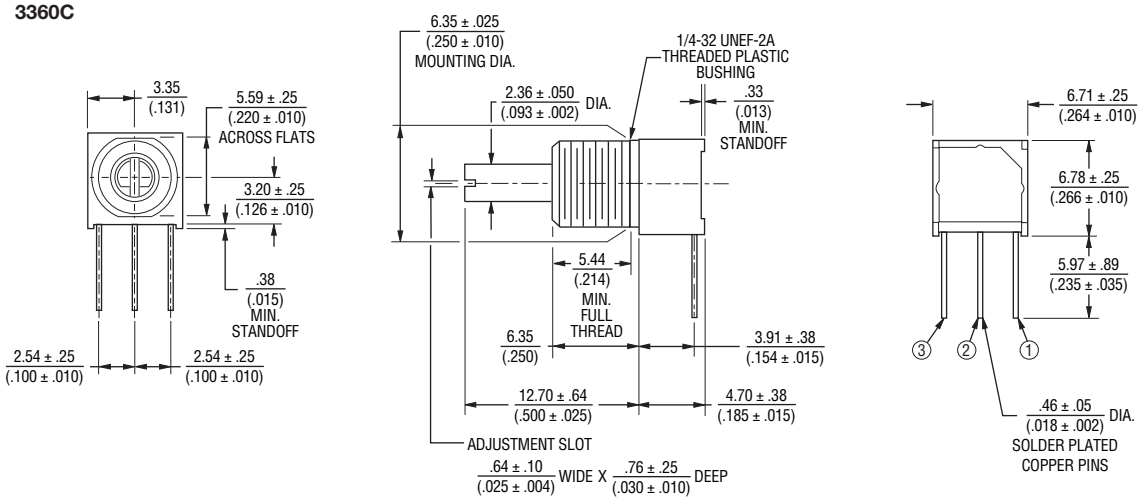
Resistance Code

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

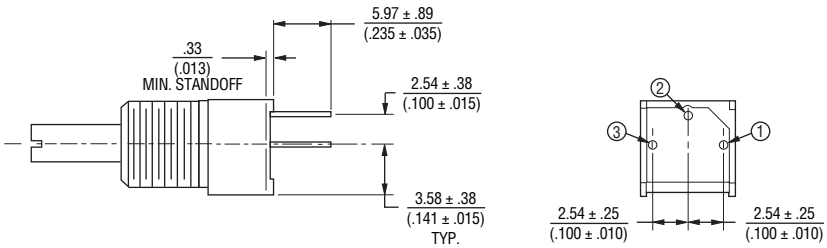
*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

Product Dimensions

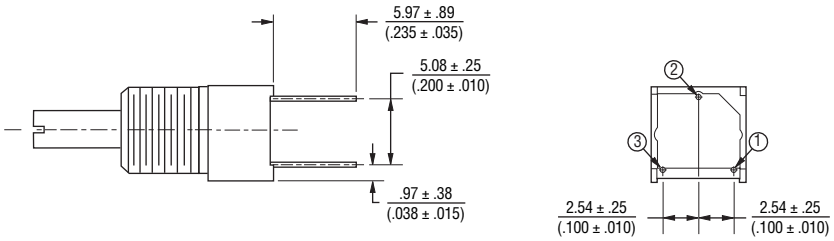
COMMON DIMENSIONS
3360C



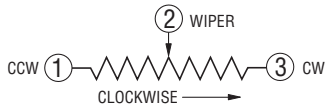
3360P



3360Y



DIMENSIONS: MM / (INCHES)



REV. 02/13

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.