



## 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,  
 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
<b>1,000</b>	<b>102</b>
<b>2,000</b>	<b>202</b>
<b>5,000</b>	<b>502</b>
<b>10,000</b>	<b>103</b>
<b>20,000</b>	<b>203</b>
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](http://www.P65Warnings.ca.gov)

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