

Features

- Conductive plastic
- Linear and audio tapers
- PC board and bushing mount
- Plastic bushing and plastic shaft
- Withstands typical industrial washing processes

3370 - 6mm Square Sealed Panel Control

Electrical Characteristics

Standard Resistance Range	1K ohms to 1 megohm
Linear	±20%
Total Resistance Tolerance	±5%
Linear Tapers	±20%
Independent Linearity	±5%
Absolute Minimum Resistance	2 ohms maximum
Effective Electrical Angle	240° nominal
Contact Resistance Variation	1 ohm or 1% (whichever is greater)
Dielectric Withstanding Voltage	
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

Environmental Characteristics

Storage Temperature	-55°C to +125°C
TCR (Over Storage Temperature Range)	±1,000ppm/°C
Vibration	30G
Total Resistance Shift	±2% maximum
Voltage Ratio Shift	±2% maximum
Shock	100G
Total Resistance Shift	±2% maximum
Voltage Ratio Shift	±2% maximum
Load Life (1,000 Hours)	±10% TRS maximum
Rotational Life-No Load (50,000 Cycles)	±5% TRS maximum
CRV	3 ohms or 3% whichever is greater
Moisture Resistance	±10% TRS

Mechanical Characteristics

Stop Strength	5.65 Ncm
Mechanical Angle	310° nominal
Torque	
Starting	1.41 Ncm Max.
Weight	4.5 grams
Flammability	Conforms to UL94V-0
Epoxy	Conforms to UL94V-1
Terminals	Solderable pins
Marking	Manufacturer's symbol and model number, product code, terminal style, date code and resistance code

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 values listed in boldface. Consult factory for special resistances.

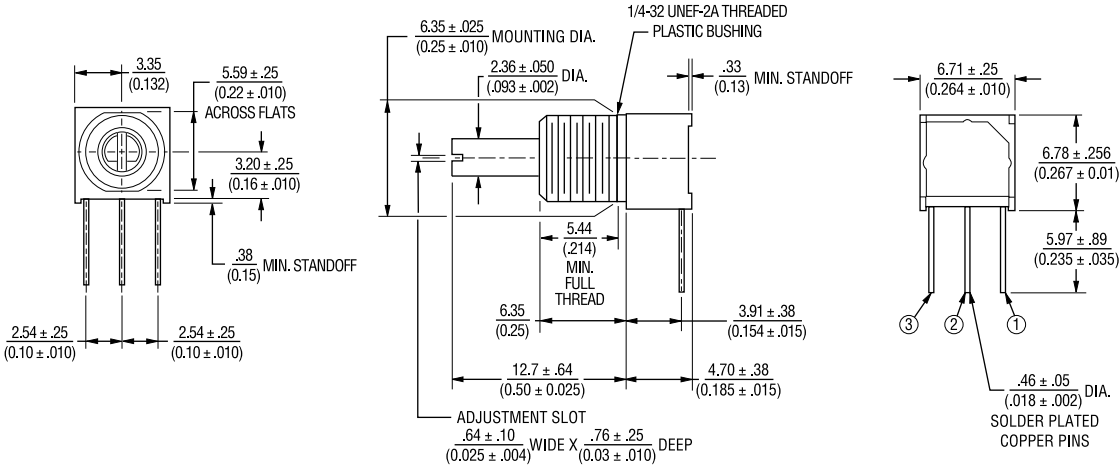
Part Numbering System

Model Number Designator	3370 Y - 0 0 1 - 103
3370 = 6mm Panel Control	
Terminal Style Designator	Y
Single Cup:	
C = In-line Straight Terminals Side Exit	
P = 5.08mm x 2.54mm Triangular Pattern Rear Exit	
Y = 5.08mm x 5.08mm Triangular Pattern Rear Exit	
Shaft End Designator	0
0 = Shaft End Slotted	
Shaft Length Designator	0
0 = 12.7mm FMS Long Plastic Shaft	
Bushing Designator	1
1 = 6.35mm x 6.35mm Plastic	
Resistance Code	103
(1st 2 digits are significant, 3rd digit is number of 0s to follow)	

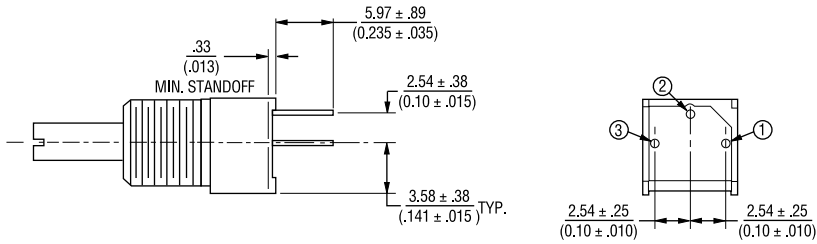
3370 - Dimensions and Tolerances



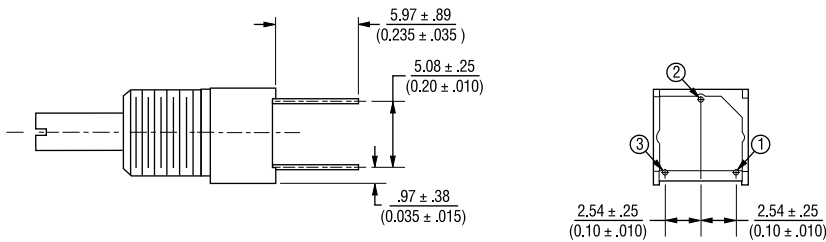
COMMON DIMENSIONS 3370C



3370P



3370Y



DIMENSIONS ARE: $\frac{\text{METRIC}}{\text{(INCHES)}}$

