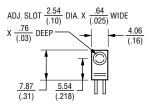


## Features

- Multiturn / Wirewound / Industrial / Sealed
- Sealed to prevent contamination from fluxing, soldering and cleaning
- Panel mount option available
- For trimmer applications/processing guidelines, <u>click here</u>

#### Rectangular Trimpot<sup>®</sup> Trimming Potentiometer 3005 - 3/4

# **Product Dimensions** 1.52 ± .38 $(.060 \pm .015)$ 19.03 (.75) MIN. (.015) 10 1 TYP (010)BOTTOM VIEW 2.54 (.10).25 (.010) 12.70



MM (INCHES) DIMENSIONS:

0.25 EXCEPT WHERE NOTED TOLERANCES: ±



## **Additional Information**

Click these links for more information:

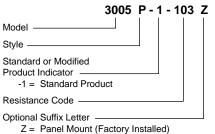


### **Standard Resistance Table**

Resistance (Ohms)	Resistance Code	Nominal Resolution (Percent)
10	100 200	1.7 1.5
20	500	1.5
100	101	0.8
200	201 501	0.7 0.5
1.000	102	0.5
2,000	202	0.4
5,000	502	0.3
10,000 20,000	103 203	0.3 0.2
50,000	503	0.2

Special resistances available from 10 to 50K ohms.

### How To Order



Consult factory for other available options.

# BOURNS®

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#### REV. 07/24

\*RoHS Directive 2015/863, Mar. 31, 2015 and Annex (by exemption for Lead and Cadmium applicable to certain categories. See Model 3005 Series MDS for details.) "Trimpot" is a trademark of Bourns, Inc.

Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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3.30

(.13)

5.08 (.20)

.381 ± .38 (.150 ± .015



**Electrical Characteristics** Standard Resistance Range

Clandara recolotario rarigo		
10 to 50K ohms		
(see standard resistance table)		
Resistance Tolerance ±10 % std.		
(tighter tolerance available)		
Absolute Minimum Resistance		
0.5 % or 1 ohms max.		
(whichever is greater)		
Noise 100 ohms ENR max.		
Resolution		
See standard resistance table		
Insulation Resistance		
100 megohms min.		
Dielectric Strength		
Sealevel 1.000 VAC		

Dielectric Otterigtri	
Sea Level	1,000 VAC
80,000 Feet	250 VAC
Adjustment Travel	20 turns nom.

#### **Environmental Characteristics**

## Power Rating

i ower rading
70 °C1 watt
125 °C0 watt
Temperature Range65 °C to +125 °C
Temperature Coefficient
±50 PPM/°C
Seal Test
HumidityMIL-STD-202 Method 106
96 hours
(5 % ∆TR, 20 megohms IR)
Vibration
Shock 50 G (2 % ΔTR; 2 % ΔVR)
Load Life 1,000 hours, 1 watt @ 70 °C
(3 % ΔTR)
Rotational Life
(4 % ΔTR)

#### **Physical Characteristics**

Torque	5.0 oz-in. max.
Mechanical Angle	Wiper idles
Terminals	Solderable pins
Weight	0.045 oz.
MarkingManu	facturer's trademark,
resistance c	ode, wiring diagram,
date code, m	nanufacturer's model
	number and style
Standard Packaging.	25 pcs. per tube

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Authorized Distributor

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# Bourns:

 3005P-1-103Z
 3005P-1-503
 3005P-1-501
 3005P-1-502
 3005P-1-103
 3005P-1-102
 3005P-1-100
 3005P-1-101

 3005P-1-201Z
 3005P-1-502Z
 3005P-1-203
 3005P-1-203
 3005P-1-202
 3005P-1-203
 3005P-1-500

 3005P-1-202Z
 3005P-1-10K
 3005P-1-10K
 3005P-1-202
 3005P-1-203
 3005P-1-500