



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

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## Features

- Large package size - 46 mm diameter
- "Metalized" plastic dial body
- Strong locking brake
- Economical
- Ideal for use with 10-turn potentiometers
- RoHS compliant\*



Model H-46 is preferred.

# H-550 Turns-Counting Dial

### Mechanical and Physical Characteristics

Number of Turns .....	0 to 11
Dial Divisions .....	100 per turn
Readability – Over 10 Turns .....	Within 1/100 of a turn
Torque With Brake Engaged.....	8.47 N-cm (12.0 oz.-in.) maximum
Markings.....	Black on clear gray
Locking Brake.....	Yes
Weight.....	13 grams (0.46 oz.)
Set Screw .....	UNC 4/40, one included
Set Screw Tightening Torque .....	12.00 N-cm (17 oz-in.) minimum 17.65 N-cm (25 oz-in.) maximum
Hex Key Size .....	0.05 in. hex

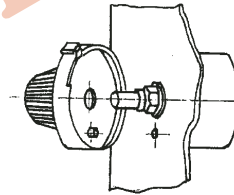
### Shaft and Bushing Requirements

Shaft Diameter Requirements .....	0.635 mm (0.0250 in.) diameter
Shaft Extension Beyond Panel .....	17.5 mm (0.689 in.) minimum 22.5 mm (0.886 in.) maximum
Bushing Extension Beyond Panel .....	7.0 mm (0.276 in.) maximum

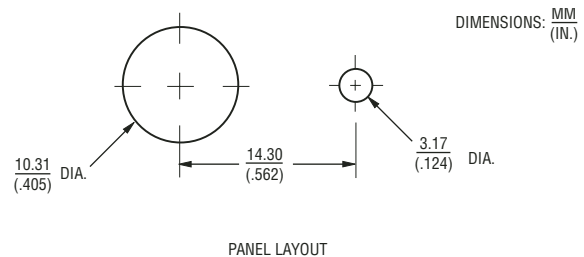
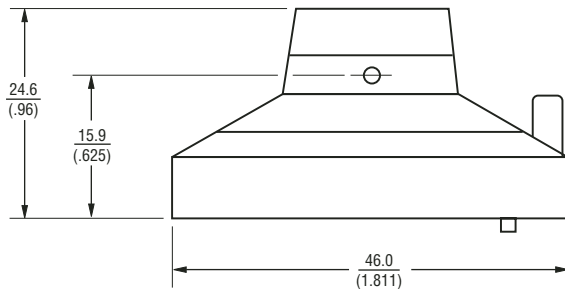
### H-550 MOUNTING INSTRUCTIONS

#### Using the existing Antirotation Lug

1. Drill 3.2 mm (0.125) diameter antirotation pin hole on vertical centerline 14.3 mm (0.562) below center of potentiometer mounting hole.
2. Mount potentiometer shaft counterclockwise to obtain minimum resistance or voltage ratio. This is not necessarily identical with the mechanical stop.
4. Loosen set screws in knob of dial. Set dial to "0.0" reading.
5. While holding outer ring of dial, position unit lightly against panel. Tighten knob set screws to potentiometer shaft.



### Dimensional Drawing



### How to Order

Part Number	Accepts Shaft Diameter	Finish
H-550-6A (10 per box)	6.35 mm (.250 in.)	Grey Metalized Plastic
H-550-6A-1 (1 per box)	6.35 mm (.250 in.)	Grey Metalized Plastic

REV. 10/08

\*RoHS Directive 2002/95/EC Jan 27 2003 including Annex.  
Specifications are subject to change without notice.  
Customers should verify actual device performance in their specific applications.