Features

- Sealed construction (housing sealing according to DIN IEC 68 part 2 - 17 Qc2)
- Additional models and versions available; i.e., locking bushing for locking the shaft
- Cermet resistive element

### Standards Compliance


### Characteristics

- **Mechanical Angle**: 285° +0°/-5°
- **Starting Torque**: 0.5 to 1.5 Ncm
- **End Stop Strength**: 40 Ncm max.
- **Shaft Push-Pull Force**: 50 N max.
- **Resistance Range**: 100 ohms to 1 megohm
- **Resistance Curve**: Linear
- **Power Rating**: 1 W
- **Temperature Range**: -55°C to +125°C
- **Rotational Life**: 25,000 cycles

### Standard Resistance Table

<table>
<thead>
<tr>
<th>Resistance (Ohms)</th>
<th>Resistance Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>101</td>
</tr>
<tr>
<td>220</td>
<td>221</td>
</tr>
<tr>
<td>470</td>
<td>471</td>
</tr>
<tr>
<td>1,000</td>
<td>102</td>
</tr>
<tr>
<td>2,200</td>
<td>222</td>
</tr>
<tr>
<td>4,700</td>
<td>472</td>
</tr>
<tr>
<td>10,000</td>
<td>473</td>
</tr>
<tr>
<td>22,000</td>
<td>104</td>
</tr>
<tr>
<td>47,000</td>
<td>224</td>
</tr>
<tr>
<td>100,000</td>
<td>474</td>
</tr>
<tr>
<td>220,000</td>
<td>105</td>
</tr>
</tbody>
</table>

### Product Dimensions

**0620-013**

![Diagram of 0620-013 Product Dimensions]

**0620-057**

![Diagram of 0620-057 Product Dimensions]

**0620-313**

![Diagram of 0620-313 Product Dimensions]

### Recommended PCB Layout

![Diagram of Recommended PCB Layout]


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36 State Route 10, STE 6 • East Hanover, NJ 07936-0436
973-887-2550 • Toll Free 1-800-631-8083 • Fax 973-887-1940
http://www.potentiometers.com
Product Dimensions

How to Order

0620 - 013 U 500 - A  B 103

Model Type
• 0620

Terminal Style
• 013 (Sealed, available with H & U bushing type only)
• 057 (Locking bushing, Available with G bushing type only)
• 313 (Available with H & U bushing types only)
• 613 (Available with H & U bushing types only)
Other versions available upon request.

Bushing & Shaft Type
U = 7 mmD x 8 mmL, Shaft 4 mmD
H = 7 mmD x 5 mmL, Shaft 4 mmD
G = 7 mmD x 12 mmL, Shaft 4 mmD

Shaft Length
• 500 = 50 mm
Other lengths avail. upon request.

Independent Linearity
A = ±5 %
Other versions available upon request.

Element Taper
B = Linear Cermet ±20 %
E = Linear Cermet ±10 %
L = Linear Cermet ±5 %

Resistance Code
Other versions available upon request.

Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

For more information about this product, visit our website at: www.potentiometers.com