POTENTIOMETER
- Carbon element
- Switch option
- Wide assortment of pin layouts
- Wide range of resistance tapers

Model PDA12 Series
Bourns® Panel Controls

Electrical Characteristics
Taper A, B, C, D, E, M, N, W
Standard Resistance Range
200 ohms to 2 megohms
Standard Nominal Resistance Value
See standard resistance table
Residual Resistance
100 ohms maximum or ±5%

Environmental Characteristics
Power Rating
Taper B 0.1 watt
Other Tapers 0.05 watt
Maximum Operating Voltage
Taper B 150 V
Other Tapers 100 V
Sliding Noise 47mV maximum

Physical Characteristics
Mechanical Angle 230°
Rotational Torque 20 to 200 gcm
Stop-End Strength 3 kgcm minimum
Switch Torque 1 kgcm minimum
Switch Action Angle 60° maximum
Rotational Life 10,000 cycles minimum
Soldering Condition 200°C max. within 3 seconds

STANDARD RESISTANCE TABLE

<table>
<thead>
<tr>
<th>Resistance (Ohms)</th>
<th>Resistance Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>500</td>
<td>501</td>
</tr>
<tr>
<td>1,000</td>
<td>102</td>
</tr>
<tr>
<td>2,000</td>
<td>202</td>
</tr>
<tr>
<td>5,000</td>
<td>502</td>
</tr>
<tr>
<td>10,000</td>
<td>103</td>
</tr>
<tr>
<td>20,000</td>
<td>203</td>
</tr>
<tr>
<td>50,000</td>
<td>503</td>
</tr>
<tr>
<td>100,000</td>
<td>104</td>
</tr>
<tr>
<td>200,000</td>
<td>204</td>
</tr>
<tr>
<td>500,000</td>
<td>504</td>
</tr>
<tr>
<td>1,000,000</td>
<td>105</td>
</tr>
<tr>
<td>2,000,000</td>
<td>205</td>
</tr>
</tbody>
</table>

Specifications are subject to change without notice.
Model PDA12 Series
Bourns® Panel Controls

HOW TO ORDER

Model
- PDA12 - P S 01 - 102 A

Terminal Configuration
- S = Solder Lugs
- P = Front Facing PC Pins
- V = Rear Facing PC Pins

Switch Option
- S = Switch
- N = No Switch

Standard Shaft Length
- 01 = 1.2mm

Resistance Code
- 501 x 503
- 102 x 104
- 202 x 204
- 502 x 504
- 103 x 105
- 203 x 205

Resistance Taper
- A = Audio Taper (see page 48)
- S = Linear Taper (see page 48)

*Other configurations available.

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