TC86
6 mm Round Trimming Potentiometer

Features
- 6 mm Round / Single-Turn / Cermet Industrial / Open Frame
- Cross slot adjustment options
- Horizontal and vertical mounting styles
- Dust resistant/splash resistant covers
- Front and top adjust styles
- RoHS compliant

Electrical Characteristics
Standard Resistance Range
100 ohms to 1 megohm (see standard resistance table)
Resistance Tolerance...±20% std. (tighter tolerance available)
Absolute Minimum Resistance
≤ 500 Ohms...10 ohms max.
> 500 Ohms...2% max. of TR
Contact Resistance Variation...5% max.
Resolution...Infinite
Adjustment Angle...240° ±20°

Environmental Characteristics
Power Rating (100 VDC max.)
70°C...0.3 watt
Temperature Range...-30°C to +85°C
Temperature Coefficient...±250 ppm/K°C
Humidity...95% RH
Load Life...500 hours @ 70°C
TRS...±5%
Rotational Cycling...50 cycles
TRS...±10%

Physical Characteristics
Torque...30-300 g-f-cm
Mechanical Angle...240° ±20°
Marking...Part marking code
Standard Packaging...200 pcs./bag
Adjustment Tool...H-90
Aqueous cleaning not recommended

Specifications are subject to change without notice.
Customers should verify actual device performance in
their specific applications.
REV 09/04
TC86 – Suggested PCB Layout and Ordering Information

Suggested PCB Layout – Style F

Suggested PCB Layout – Styles K, P, W

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>200</td>
<td>201</td>
</tr>
<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>
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<tr>
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<td>203</td>
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<tr>
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<td>503</td>
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<tr>
<td>100,000</td>
<td>104</td>
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<tr>
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<td>504</td>
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<tr>
<td>1,000,000</td>
<td>105</td>
</tr>
</tbody>
</table>

Popular distribution resistance values listed in **boldface**.

How To Order

TC86 W - 1 - 103

Model
Style
Standard Product Indicator
Resistance Code

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