Features
■ Dust-resistant enclosure
■ Polyester substrate
■ Available on tape and reel for automatic insertion or in bulk for manual assembly
■ Adjustable front/back, top/bottom
■ Cross slot rotor design suitable for automatic adjustment equipment

Applications
■ Power supplies
■ Cordless phones
■ Printer
■ Television sets
■ Audio equipment

TC76 - 6mm Carbon Trimming Potentiometer

Electrical Characteristics
Taper .......................................................... Linear
Standard Resistance Range ................................ 100 ohms – 1megohm
Resistance Tolerance ............................................. ±30%
Maximum Voltage .................................................. 100VDC
Standard Nominal Resistance Value ......................... See table
Residual Resistance ............................................. ± 2% (min. 10 ohms)
Equivalent Noise Resistance ................................. ± 5%

Environmental Characteristics
Power Rating ...................................................... 0.1 Watt @ 40°C
Operating Temperature .......................................... -25°C to 70°C
Load Life ............................................................ 1000 hours @ 40°C; 0.1W ±10%
Mechanical Life (Cycles) ........................................... 100 @ 10CPM; ±10%; (Rn<1M)
Temperature Coefficient ......................................... ±300ppm
Thermal Cycling ................................................... 16 hours @ 85°C; 2h @ -25°C; ±5%
Damp Heat .......................................................... 500 hours @ 80°C; ±5% HR; ±5%
Vibration ........................................................... 2 hours @ 50Hz; ±2%

Physical Characteristics
Mechanical Angle .................................................. 260° ±10°
Electrical Angle ................................................... 245° ±25°
Rotational Torque .................................................. 0.2 to 3 Ncm
Stop-End Strength ................................................ >3.5 Ncm

Packaging Specifications
R: Tape and Reel (W, N, G)
A: Ammo Pack (W, N, G)
Bulk (B, Z, P)

How to Order
TC76   B - 1 - 102 __
Model
Style
See drawings (B, Z preferred)
Standard or Modified
Product Indicator
-1 = Standard Product
Resistance Code
Optional Packaging Designator
(Standard = Bulk)
R = Tape & Reel (W, N, G)
A = Ammo Pack - preferred (W, N, G)

Standard Resistance Table
<table>
<thead>
<tr>
<th>Resistance (Ohms)</th>
<th>Resistance Code</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
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<tr>
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<tr>
<td>1,000,000</td>
<td>105</td>
</tr>
</tbody>
</table>

Shaded areas typically not stocked by distributors and not recommended for new designs.

Specifications are subject to change without notice.
TC76 - 6mm Carbon Trimming Potentiometer

Taped Model TC76W

Specifications are subject to change without notice.
TC76 - 6mm Carbon Trimming Potentiometer

Through-hole Model TC76B preferred

Through-hole Model TC76Z preferred

Through-hole Model TC76P

Crimping terminals detail

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