Industrial
24mm Diameter
5 Watt, Wirewound
Rotary Potentiometer

Features
• Dust-proof construction
• Precision linearity
• 5 watt power rating
• Superior resistance stability in temperature and environment change
• Tandem constructions available
• Bushing or twist tab mounting
• Available with pull-push and rotary power switches
• RoHS compliant

Electrical and Mechanical Specifications

Resistance Range
Linear: 1 ohm through 25K ohms
Audio: 20 ohms through 10K ohms

Resistance Tolerance
±20%, ±10%, ±5%

Power Rating
5 watts @ 25°C

Dielectric Strength
1,000 VAC for 1 minute

Maximum Operating Voltage
500 VDC

Insulation Resistance
100 Megohms minimum @ 250 VDC

Rotational Angle
Mechanical Angle: 300°±5°
Effective Angle:
Without switch: 280°
With switch: 240°

Rotational Torque
3/4 to 6 in. oz. (54 - 432 gf-cm)

Linearity (linear curve only)
Standard: 3% linearity
Special: 2% linearity

Mounting Information
Bushing Mount
Twisted Tab

Power Switch
Rotary Switch-SPST, DPST, SPDT
Pull-Push Switch-SPST (Pull-ON, Push-OFF)

Rotational Life
Standard: 10,000 cycles
Special: 50,000, 100,000 cycles

Solder Heat Resistance
Maximum 350°C for 3 sec

Operating Temperature
-30°C to +105°C
**T026** Metal Shaft, Bushing Mounting, Type "T" Solder Lug Terminals

- **MTG. SURFACE**
  - 3/8-32 UNEF-2A

- CLEARANCE HOLE
  - Ø2.08 ±0.05
- MOUNTING HOLES DETAIL
  - X=17.5 ±0.03
  - Y=22.0 ±0.03

**X026 / Y026** Metal Shaft, Bushing Mounting, Printed Circuit Type X/Y Terminals

- **MTG. SURFACE**
  - 3/8-32NEF-2A

- CLEARANCE HOLE
  - Ø2.08 ±0.05
- MOUNTING HOLES DETAIL
  - X=17.5 ±0.03
  - Y=22.0 ±0.03
U026  Metal Shaft, Bushing Mounting, Printed Circuit Type “U” Formed Terminals

V026  Metal Shaft, Bushing Mounting, Printed Circuit Type “V” Formed Terminals

S026  Metal Shaft, Bushing Mounting, Faston Type “S” Formed Terminals
VPE026  Metal Shaft, Twist TAB Mounting, Type “V” Formed Terminals

T2-026  Dual-section, Metal Shaft, Bushing Mounting, Type “T” Solder Lug Terminals

Ordering Information

<table>
<thead>
<tr>
<th>026</th>
<th>T</th>
<th>2</th>
<th>20</th>
<th>103</th>
<th>B</th>
<th>1</th>
<th>A</th>
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</thead>
<tbody>
<tr>
<td>TERMINAL STYLE</td>
<td>METAL MOUNTING STYLE “A”</td>
<td>SHAFT TRIM</td>
<td>RESIST TOL</td>
<td>TAPER</td>
<td>SPECIALS</td>
<td>SWITCHES</td>
<td>FUNCTION</td>
<td>CTS TYPE</td>
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<tr>
<td>T - SOLDER LUG</td>
<td>BUSHING LENGTH: 1/8” INCREMENTS</td>
<td>R - ROUND</td>
<td>A - ±10%</td>
<td>1 - LINEAR</td>
<td>1 - LOCATING LUG LEFT SIDE</td>
<td>A - NONE</td>
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<tr>
<td>X - PC .687”(17.5mm)</td>
<td>EXAMPLES:</td>
<td>F - FLATTED .375”X.156”</td>
<td>B - ±20%</td>
<td>2 - 20%AUD</td>
<td>2 - LOCATING LUG RIGHT SIDE</td>
<td>B - SPST</td>
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<td></td>
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<tr>
<td>Y - PC .867”(22.0mm)</td>
<td>2 - .250”(6.35mm)</td>
<td>K - KNURLED</td>
<td>D - ±5%</td>
<td>3 - 20%CCW AUD</td>
<td>3 - NO LOCATING LUG LOCATING</td>
<td>C - DPST</td>
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<tr>
<td>U - FORMED</td>
<td>3 - .375”(9.35mm)</td>
<td>EIA S148 24 TEETH</td>
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<td></td>
<td>5 - LOCATING LUG BOTH SIDE</td>
<td>D - SPST</td>
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<td>TO FRONT</td>
<td>8 - 1.000”(25.4mm)</td>
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<td>E - SPST</td>
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</tr>
<tr>
<td>V - FORMED</td>
<td>1 - TWIST TAB</td>
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<td>F - SPST</td>
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<tr>
<td>TO REAR</td>
<td>A - .250”(6.35mm)</td>
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<td>PULL-PUSH</td>
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<tr>
<td>S - FASTON</td>
<td>B - .375”(9.55mm)</td>
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<td>ROTARY</td>
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<tr>
<th>METAL SHAFT LENGTH “L”</th>
<th>RESISTANCE CODE EXAMPLES</th>
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<tr>
<td>FROM MOUNTING SURFACE 1/32”INCREMENTS</td>
<td>CODE</td>
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<td>EXAMPLES:</td>
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* More multi-section models available, consult CTS for details.