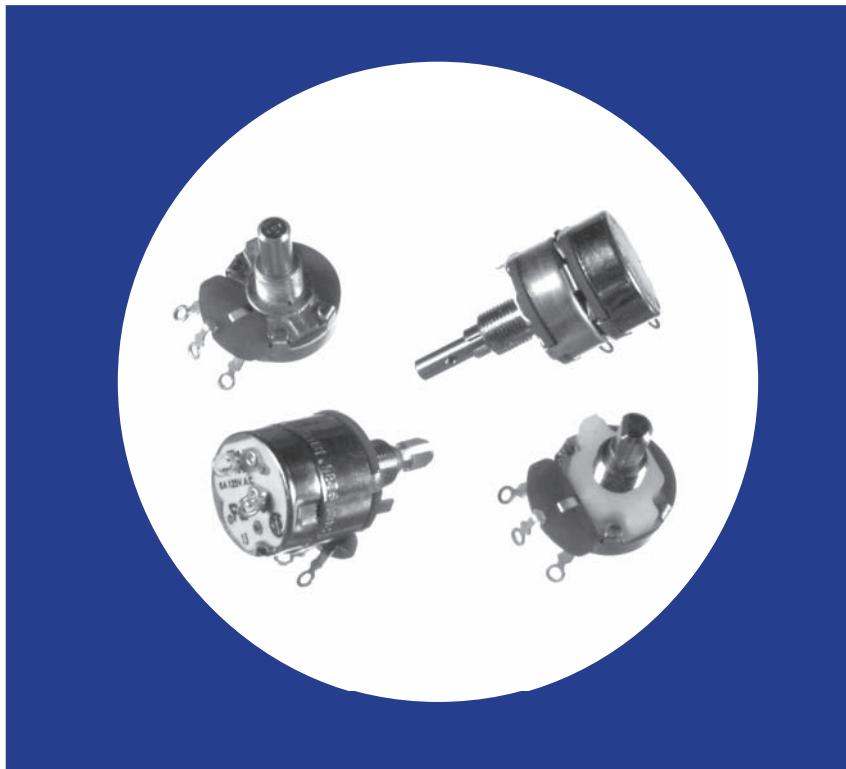


Industrial 24mm Diameter 5 Watt, Wirewound Rotary Potentiometer

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

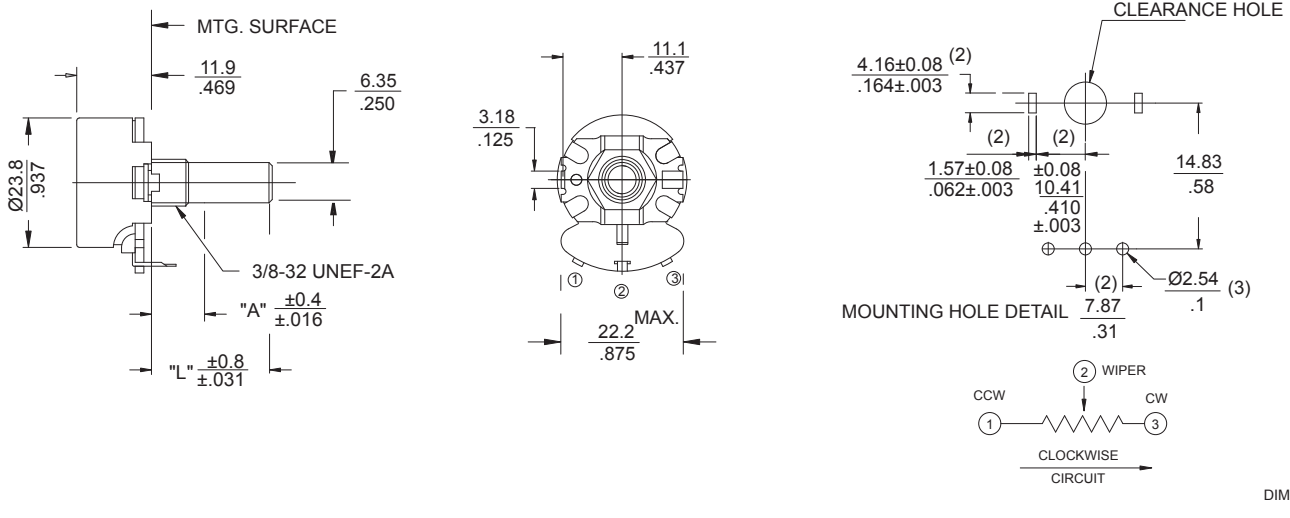
T026 Metal Shaft, Bushing Mounting, Type "T" Solder Lug Terminals



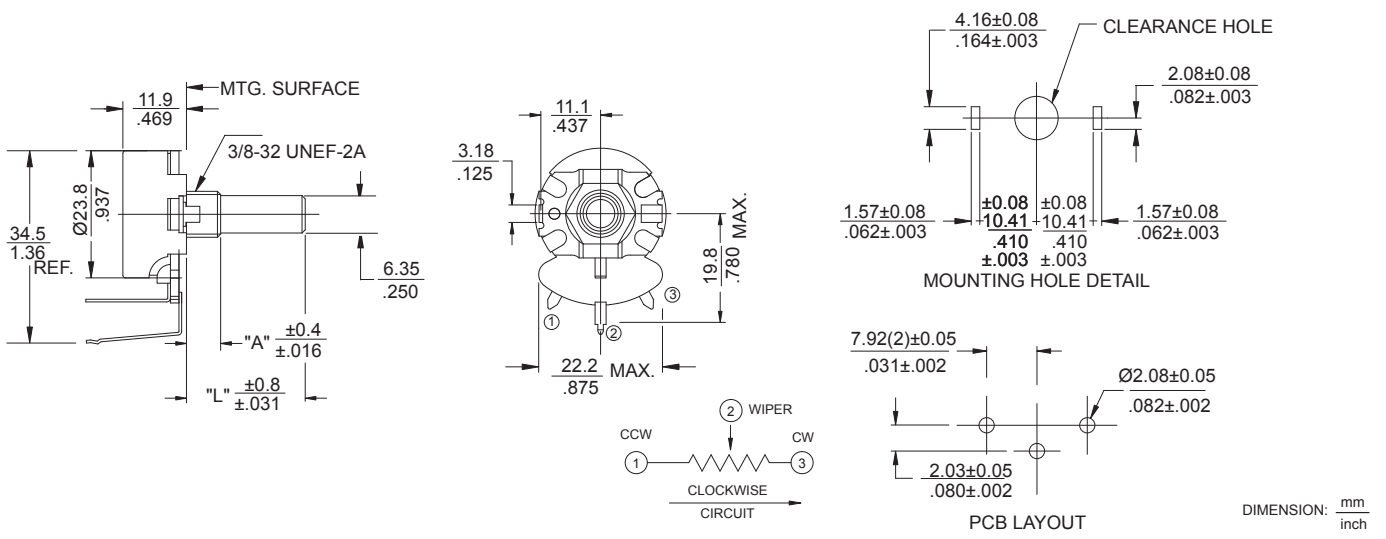
X026 / Y026 Metal Shaft, Bushing Mounting, Printed Circuit Type X/Y Terminals



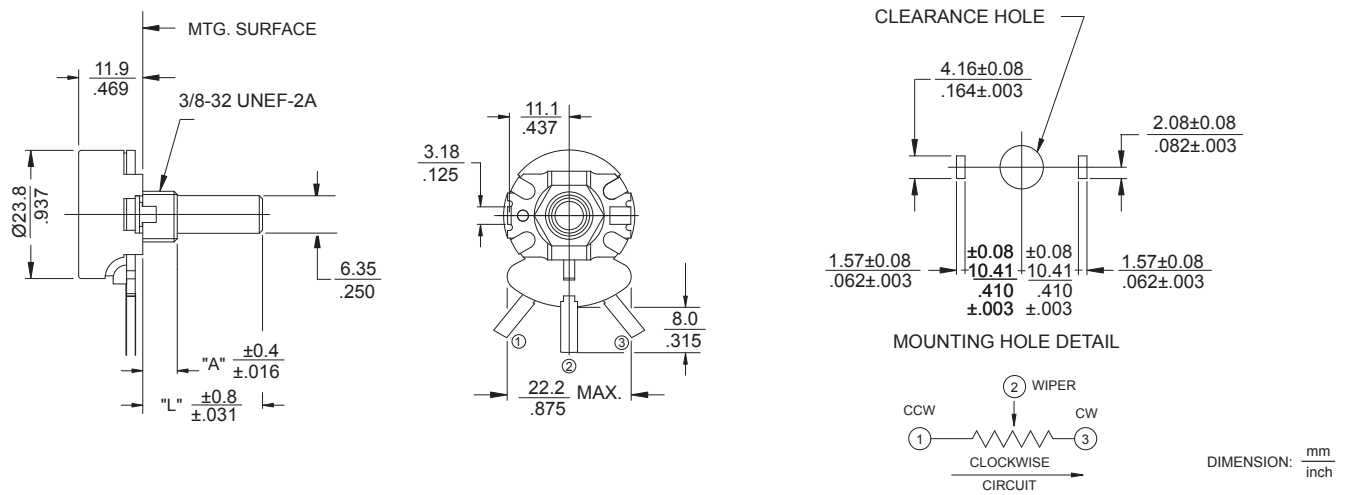
U026 Metal Shaft, Bushing Mounting, Printed Circuit Type "U" Formed Terminals



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



* More multi-section models available, consult CTS for details

Ordering Information

026	T	2	20	R	103	B	1	A	1																				
TERMINAL STYLE T - SOLDER LUG X - PC .687"(17.5mm) Y - PC .867"(22.0mm) U - FORMED TO FRONT V - FORMED TO REAR S - FASTON	METAL MOUNTING STYLE "A" BUSHING LENGTH: 1/8" INCREMENTS EXAMPLES: 2 - .250"(6.35mm) 3 - .375"(9.53mm) 8 - 1.000"(25.4mm) 1 - TWIST TAB MOUNT A - .250"(6.35mm) DIECAST B - .375"(9.53mm) DIECAST	SHAFT TRIM R - ROUND F - FLATTED .375"X.156" (9.53mmX4.0mm) K - KNURLED EIA S148 24 TEETH S - SD SLOT .063" DEEP X.047" WIDE (1.6mmX1.2mm)	RESISTANCE CODE EXAMPLES <table border="1"> <thead> <tr> <th>CODE</th> <th>RESISTANCE</th> </tr> </thead> <tbody> <tr> <td>5A0</td> <td>5 OHMS</td> </tr> <tr> <td>501</td> <td>500 OHMS</td> </tr> <tr> <td>102</td> <td>1K</td> </tr> <tr> <td>252</td> <td>2.5K</td> </tr> <tr> <td>502</td> <td>5K</td> </tr> <tr> <td>103</td> <td>10K</td> </tr> <tr> <td>253</td> <td>25K</td> </tr> </tbody> </table>	CODE	RESISTANCE	5A0	5 OHMS	501	500 OHMS	102	1K	252	2.5K	502	5K	103	10K	253	25K	RESIST TOL A - $\pm 10\%$ B - $\pm 20\%$ D - $\pm 5\%$	TAPER 1 - LINEAR 2 - 20%AUD 3 - 20%CCW AUD	SPECIALS 1 - LOCATING LUG LEFT SIDE 2 - LOCATING LUG RIGHT SIDE 3 - NO LOCATING LUG LOCATING 5 - LOCATING LUG BOTH SIDE							
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* Refer to series 450 data sheet for power switch detail



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

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