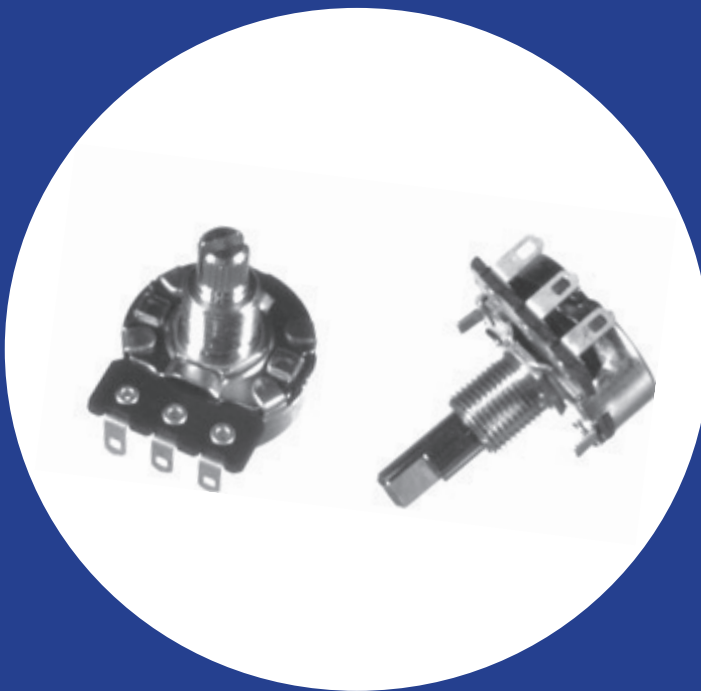


Long Life 24mm Diameter Carbon Composition Rotary Potentiometer

Features

- 1M Life Cycles Available
- 2% Precision Linearity Available
- Durable Brass Bushing and Shaft Available
- Wide Resistance Range
- Low Noise
- Solder Lug, Faston Terminal
- RoHS compliant



Electrical and Mechanical Specifications

Resistance Range

Linear taper: 10K ohms through 1 Megohms

Resistance Tolerance

±30%, ±20%, ±10%

Power Rating

0.125 watts @ 50°C

Dielectric Strength

750 VAC for 1 minute

Maximum Operating Voltage

500 VDC

Insulation Resistance

100 Megohm minimum @ 100 VDC

Rotational Angle

300°

Rotational Torque

14~144 gf-cm (.2~2.0 in-oz)

Stop Strength

9 kgf-cm minimum

Push-Pull Strength on Shaft

13.6 kg for 10 seconds

Rotational Life

250,000 cycles (240°~270° electric effective angle)

1,000,000 cycles (40° ~ 110° electric effective angle)

Operating Temperature

-10°C to +85°C

Solder Heat Resistance

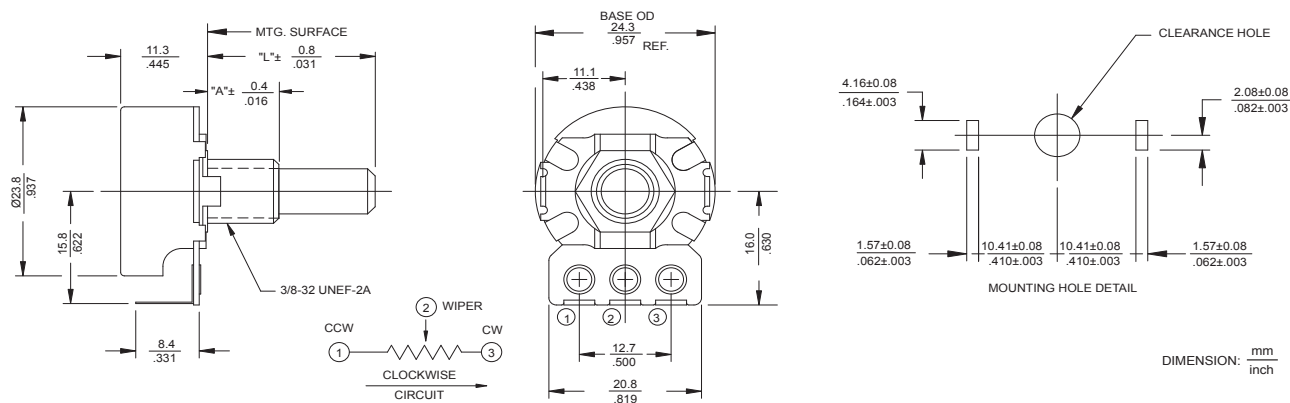
260°C for 5 seconds

Linearity

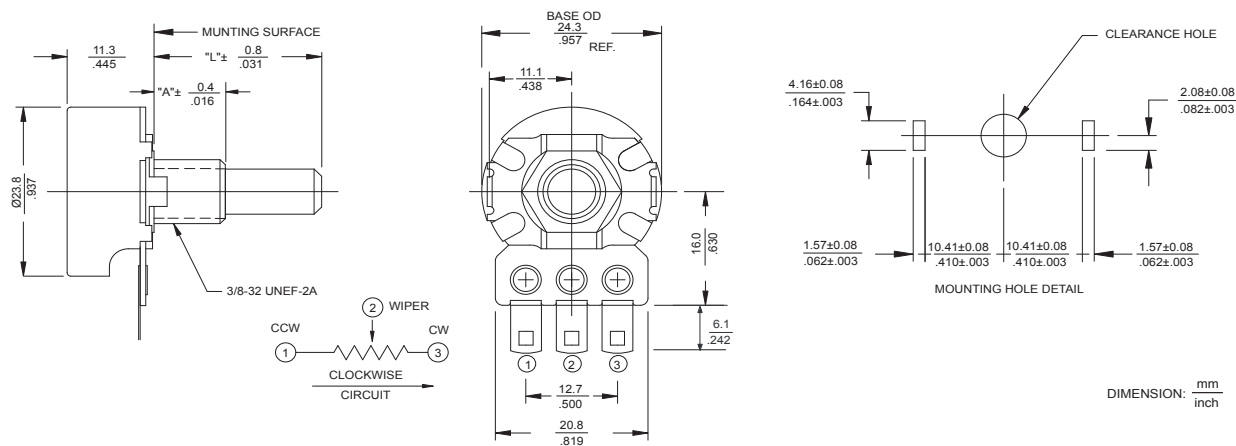
Standard: 5%

Special: 3%, 2%

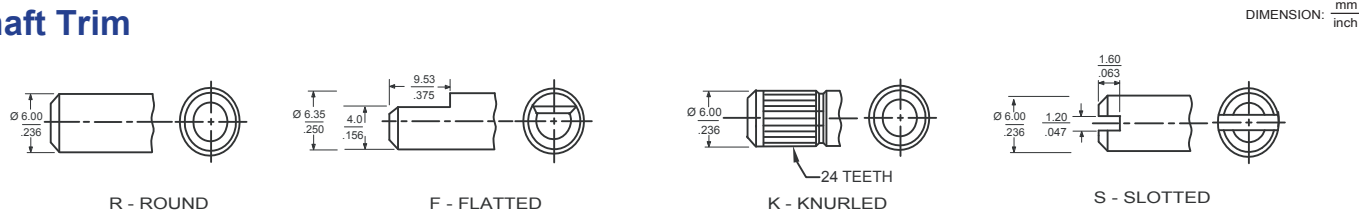
295T Metal Shaft, Bushing Mounting, Type "T" Solder Lug (Faston) Terminals



295S Metal Shaft, Bushing Mounting, Solder Lug (Faston) Terminals



Shaft Trim



Ordering Information

295 T 2 20 R 103 B 1 1

295	T	2	20	R	103	B	1	1
TERMINAL STYLE T- SOLDER LUG(FASTON), FORMED TO REAR S- SOLDER LUG(FASTON), FORMED TO PARALLEL		SHAFT LENGTH "L" FROM MOUNTING SURFACE 1/32"INCREMENTS EXAMPLES: 20- .625" (15.9 mm) 24- .750" (19.11mm) 28- .875" (22.2 mm) 32- 1.000" (25.4 mm)		RESISTANCE CODE EXAMPLES CODE RESISTANCE 103 10 K 253 25 K 503 50 K 104 100 K 504 500 K 105 1Meg		TAPER & ELECTRICAL EFFECTIVE ANGLE 1- LINEAR (50°) 2- 10% AUD (240°) 3- 10% CCW AUD(240°) 4- LINEAR (40°) 5- LINEAR (60°) 6- LINEAR (110°) 7- LINEAR (270°)		
MOUNTING STYLE "A" BRASS BUSHING LENGTH 1/8"INCREMENTS EXAMPLES: 2- .250" (6.35mm) 3- .375" (9.5mm) 8- 1.000" (25.4mm) TWISTED TAB MOUNT 1- TWISTED TAB MOLDED BUSHING LENGTH A- .375"(9.53mm), No thread B- .375"(9.53mm), M9 X .75P		METAL SHAFT TRIM R- ROUND F- FLATTED K- KNURLED & SLOTTED S- SLOTTED		RESIST TOL A- ± 10% B- ± 20% C- ± 30%		SPECIALS 1- TWO LUGS 2- LOCATING LUG RIGHT SIDE 3- NO LOCATING LUG 4- LOCATING LUG LEFT SIDE		