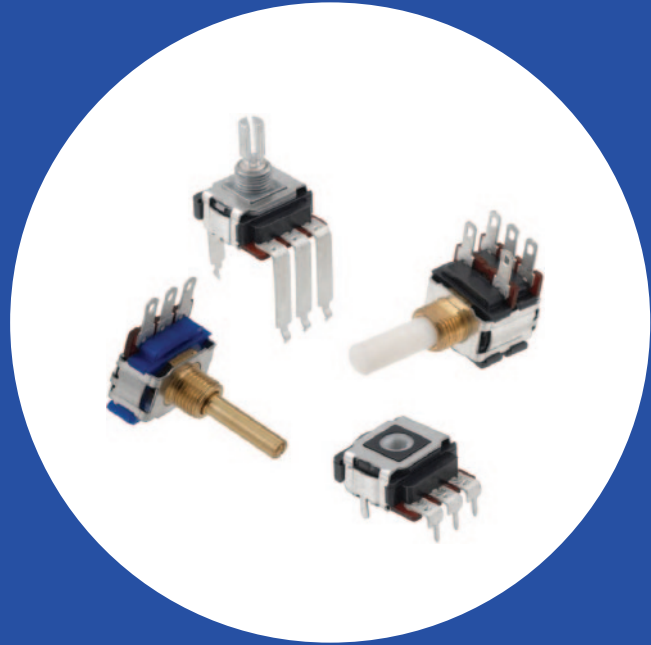


Commercial 16mm Carbon Composition Rotary Potentiometer

Features

- 500K Cycle Life Available
- 2% Precision Linearity Available
- Durable Brass Bushing and Shaft
- Wide Resistance Range
- Low Noise
- Solder Lug, Faston, PCB Terminal
- Single, Dual, or Concentric Tandem Construction
- RoHS compliant



Electrical and Mechanical Specifications

Resistance Range

500 ohms through 5 Megohms, linear
5K ohms through 500K ohms, audio

Resistance Tolerance

±30%, ±20%, ±10%

Power Rating

0.25 watts @ 55°C

Dielectric Strength

750 VAC for 1 minute

Maximum Operating Voltage

500 VDC

Insulation Resistance

100 Megohms minimum @ 250 VDC

Rotational Angle

300°

Rotational Torque

36 – 216 gf-cm (.5~3 in.oz)

Stop Strength

5.76 kgf-cm minimum

Linearity

Standard : ±5%
Special : ±3%, ±2%

Mounting Information

Bushing mount on Panel
Bracket mount on PCB

Push-Pull Strength of Shaft

8 kg for 10 seconds

Rotational Life

Standard : 10K cycles
Special : 100K, 250K, 500K cycles

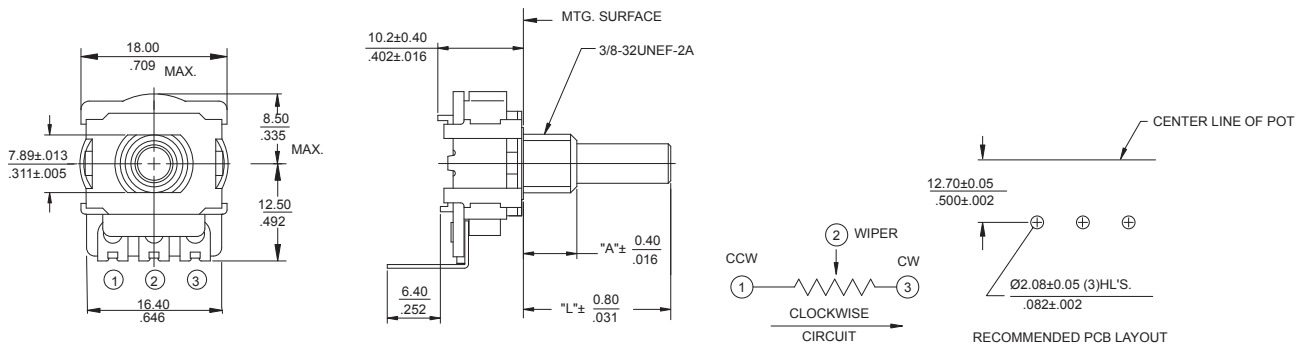
Operating temperature

-10°C to +80°C

Solder Heat Resistance

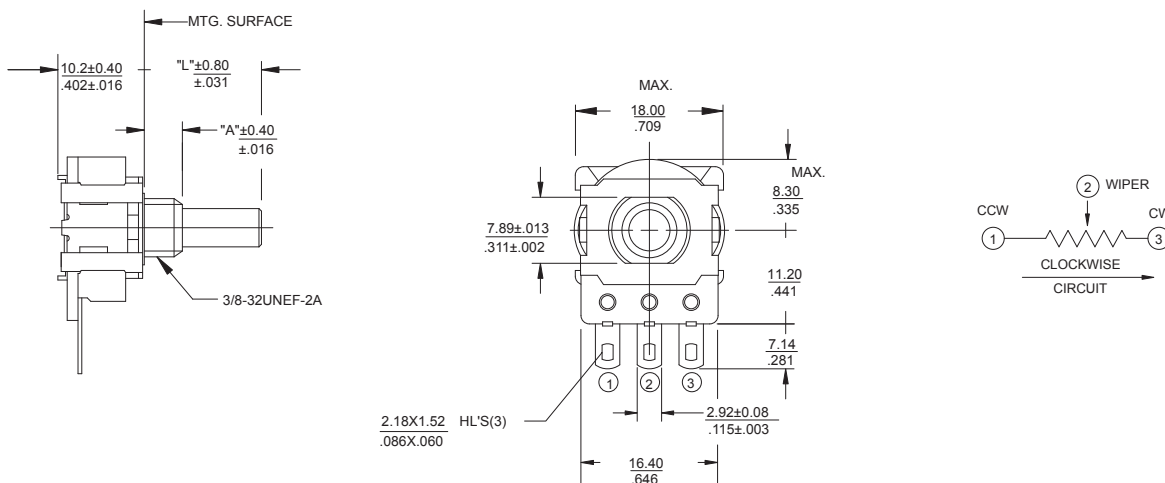
260°C for 5 seconds

280V Metal Shaft, Bushing Mount, Printed Circuit Type "V" Terminals



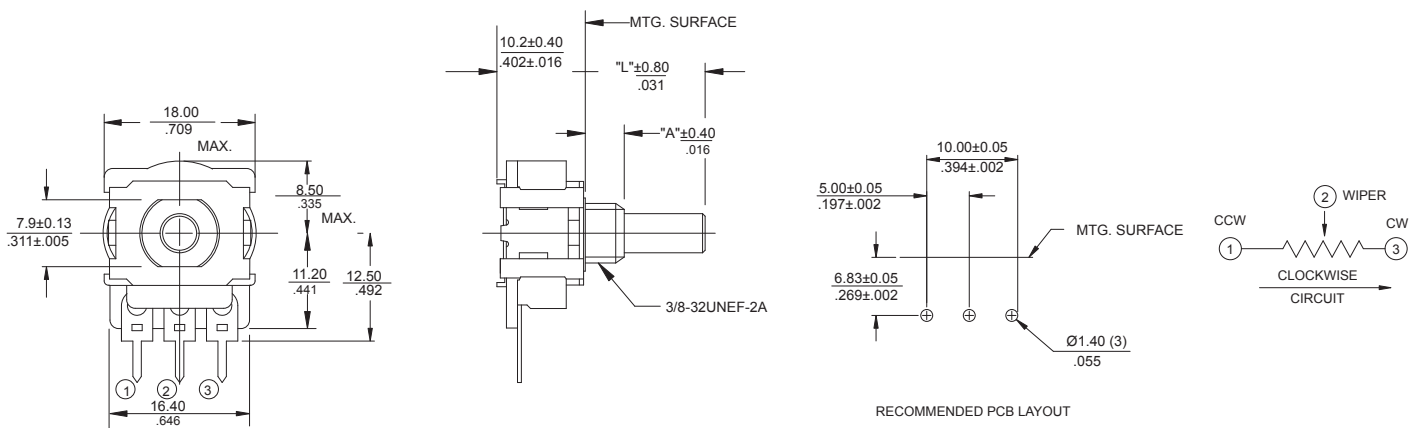
DIMENSION: $\frac{\text{mm}}{\text{INCH}}$

280T Metal Shaft, Bushing Mount, Type "T" Solder Lug Terminals



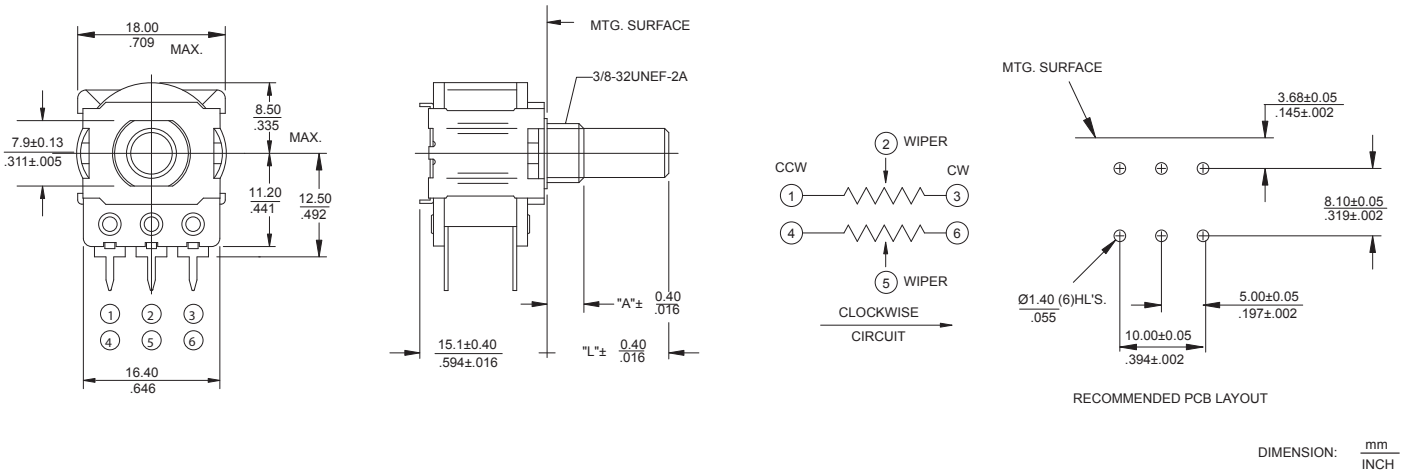
DIMENSION: $\frac{\text{mm}}{\text{INCH}}$

280X Metal Shaft, Bushing Mount, Printed Circuit Type "X" Terminals

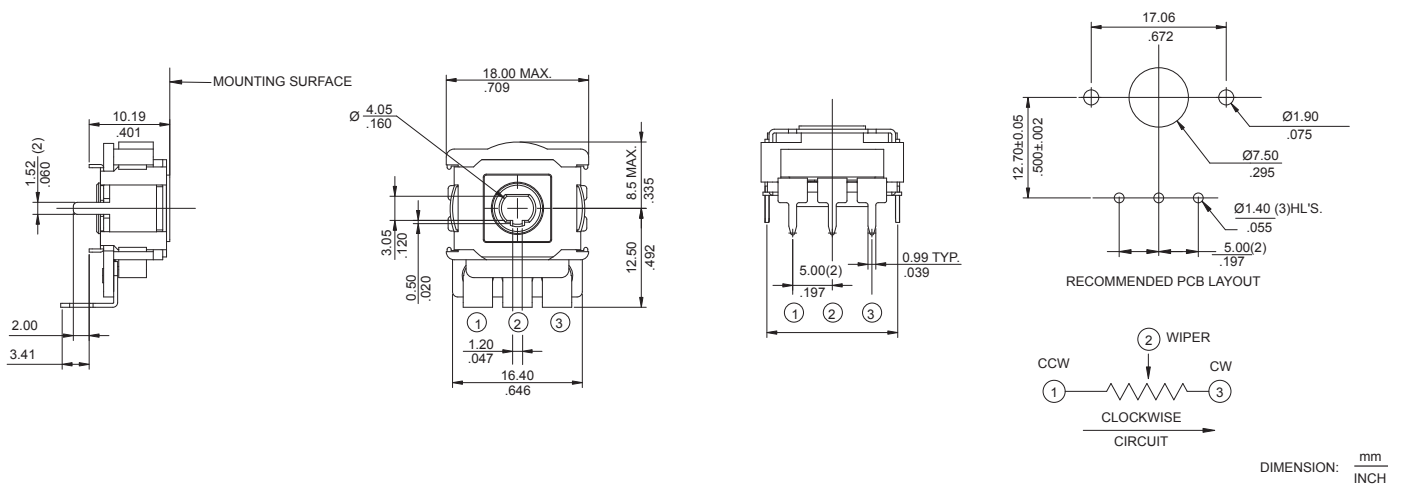


DIMENSION: $\frac{\text{mm}}{\text{INCH}}$

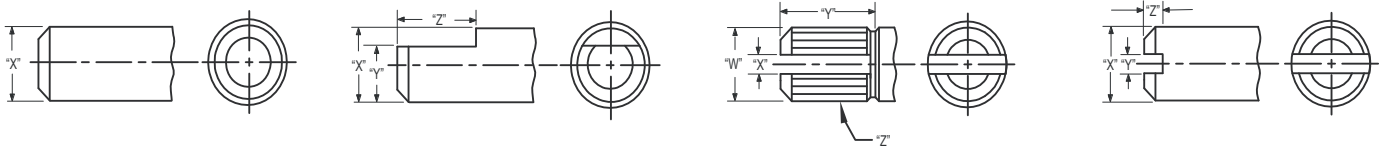
X2-280 Dual Section, Metal Shaft, Bushing Mount, Printed Circuit Type "X" Terminals



280V-SPL Through Hole, Plastic Rotor, Printed Circuit Type "V" Terminals, Continuous Rotation.



Shaft Trim



R - ROUND

	X
Imperial Shaft	.250"
Metric Shaft	6.00

F - FLATTED

	X	Y	Z
Imperial Shaft	.250"	.156"	.375"
Metric Shaft	6.00	4.50	7.00

K - KNURLED & SLOTTED

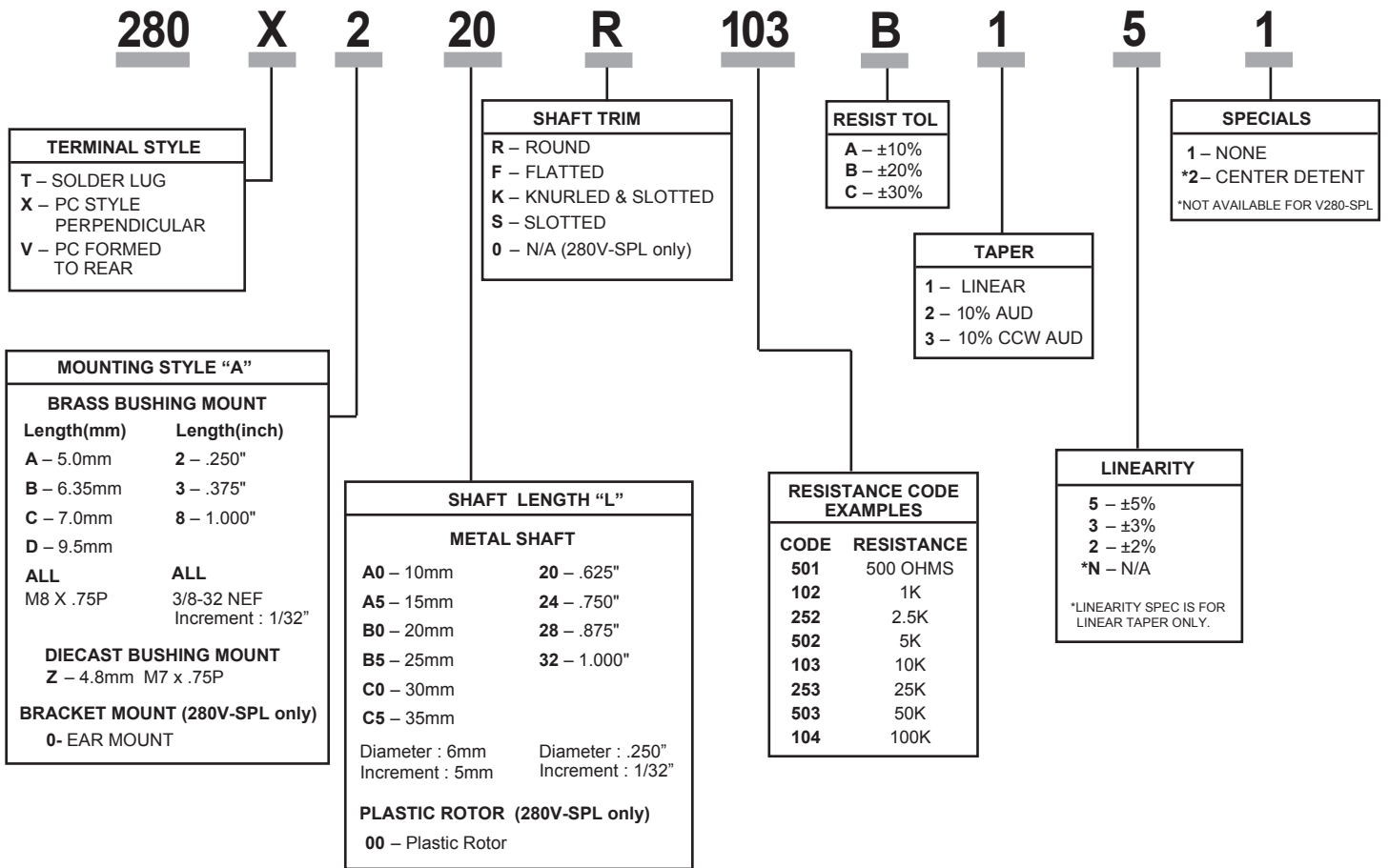
	W	X	Y	Z
Imperial Shaft	.250"	.062"	.344"	24 TEETH
Metric Shaft	6.00	1.57	7.0	18 TEETH

S - SLOTTED

	X	Y	Z
Imperial Shaft	.250"	.046"	.062"
Metric Shaft	6.00	1.17	1.57

DIMENSION: $\frac{\text{inch}}{\text{mm}}$

Ordering Information



Please consult factory for dual constructions or custom features not listed.