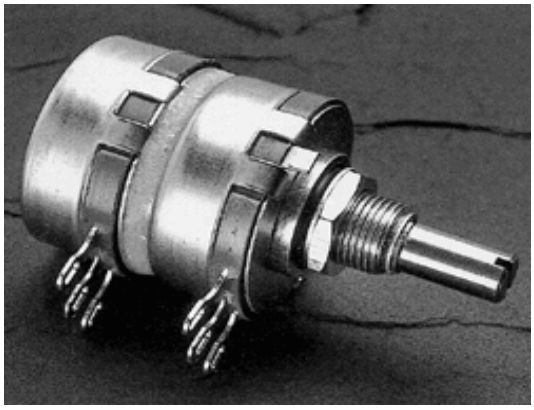
Precision Series KK - *2 Watt multiple element 1/4" shaft diameter*



Precision series KK/2RV7 potentiometers are suitable for both military and commercial applications requiring multiple elements. They can easily be customized to meet special requirements.

FEATURES:

- hot molded carbon element
- gold-plated terminals
- stainless-steel shaft and housing
- quality meeting or exceeding MIL-R-94 - QPL listed

OPTIONS:

- custom shafts and bushings
- special tapers
- fourth (center) terminal
- concentric shafts
- attached switches

ELECTRICAL SPECIFICATIONS:

Resistance range, linear taper: 50 Ω to 5 Meg Ω

Resistance range, logarithmic taper: 150 Ω to 1 Meg Ω

Resistance tolerance: ±10% or ±20%

Resistance taper: linear, logarithmic, reverse logarithmic; other tapers by special order

Power rating: 2 watts at 70°C derated to 0 watts at 120°C

Insulation resistance:
dry: 10K Meg Ω
wet: 100K Meg Ω

Dielectric strength: 900 V RMS at sea level

Operating voltage: 500 V, subject to power rating

MECHANICAL SPECIFICATIONS:

Mechanical rotation: 314°

Operating torque: 1 oz/in to 12 oz/in

Rotational life: 25,000 cycles

ENVIRONMENTAL SPECIFICATIONS:

Operating temperature: − 65°C to +125°C

Resistance to soldering heat: 350°C for 5 seconds

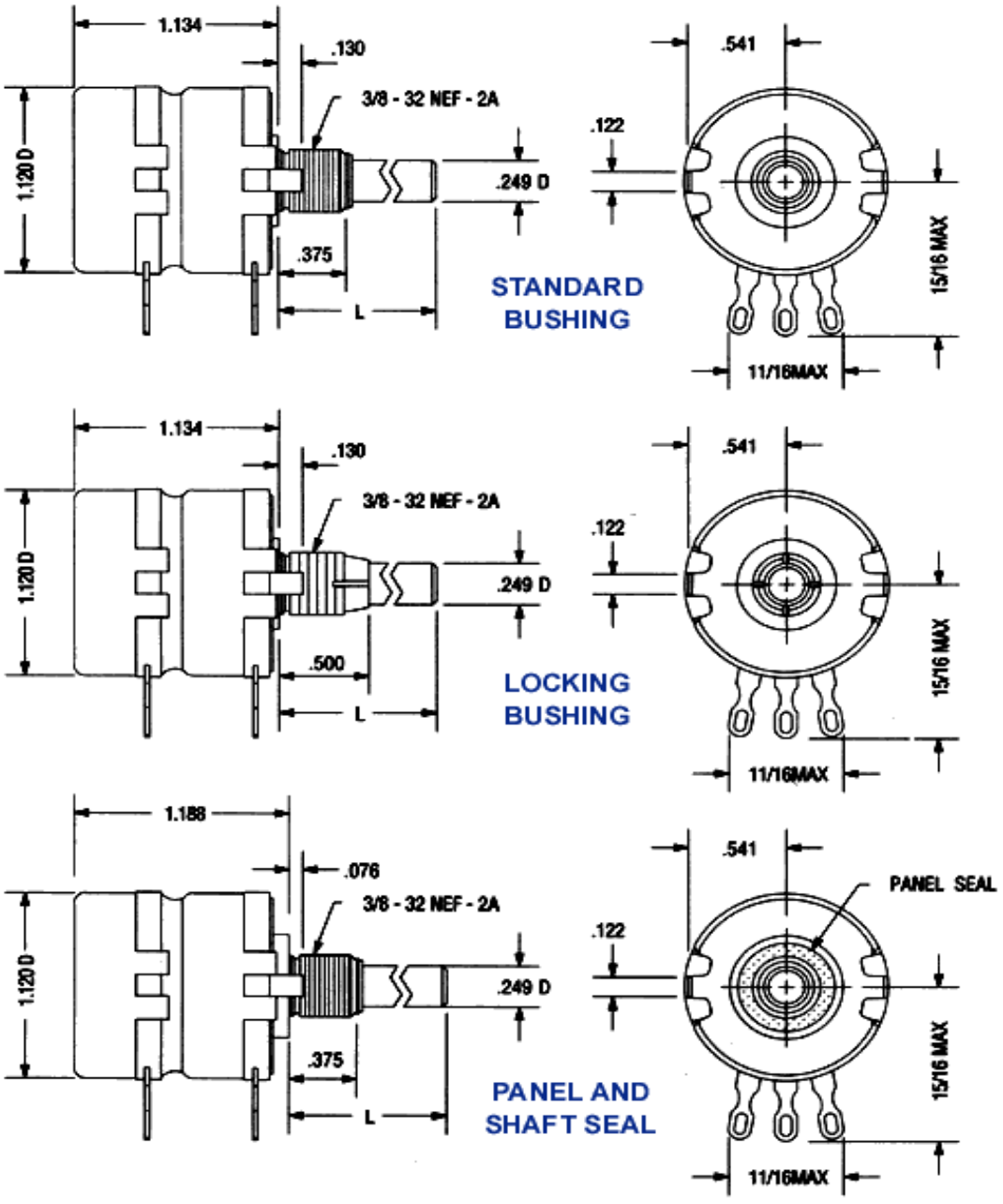
Humidity range: per MIL-R-94

Vibration range: per MIL-R-94

Shock resistance: per MIL-R-94

Load life: 1000 hours at 70°C

DRAWING:


1.134
.130
3/8 - 32 NEF - 2A
1.120 D
.249 D
.375
L
STANDARD
BUSHING
.541
.122
15/16 MAX
11/16MAX
1.134
.130
3/8 - 32 NEF - 2A
1.120 D
.249 D
.500
L
LOCKING
BUSHING
.541
.122
15/16 MAX
11/16MAX
1.188
.076
3/8 - 32 NEF - 2A
1.120 D
.249 D
.375
L
PANEL AND
SHAFT SEAL
.541
PANEL SEAL
.122
15/16 MAX
11/16MAX

ORDERING INFORMATION:

Ordering Information - Commercial Part Numbers							
Series	**Bushing**	**Switch**	**Taper**	**Resistance Value**	**Tolerance**	**Shaft Style**	**Shaft Length**
KK = series KK - dual element **KKK** = series KKK - triple element	**Blank** = standard **L** = locking **W** = panel & shaft steel	**Blank** = without switch **S** = SPST switch	**U** = linear **A** = logarithmic **B** = reverse logarithmic	**Total resistance value in Ω:** first 2 digits significant, third digit = number of zeroes	**1** = 10% of nominal **2 =** 20% of nominal	**R** = round **S** = slotted **F** = flatted	**16** = 1/2" **20** = 5/8" **24** = 3/4" **28** = 7/8" **32** = 1" **40** = 1 1/4" **48** = 1 1/2" **64** = 2" **80** = 2 1/2" **96** = 3"
Example: KKU1041S28 **note:** not all part number combinations are valid							

Ordering Information - Military Part Numbers						
Style	**Bushing**	**Temperature & Moisture Characteristics**	**Shaft Style**	**Shaft Length**	**Resistance Value**	**Taper & Tolerance**
2RV7 = MIL style 2RV7	**N** = standard **L** = locking **S** = panel & shaft steel	**Y** = as per MIL-R-94	**S** = slotted **F** = flatted	**B** = 1/2" **A** = 5/8" **D** = 7/8" **G** = 1 1/4" **J** = 2" **K** = 2 1/2"	**Total resistance value in Ω:** first 2 digits significant, third digit = number of zeroes	**A** = linear 10% **B** = linear 20% **C** = logarithmic 10% **D** = logarithmic 20% **E** = reverse logarithmic 10% **F** = reverse logarithmic 20%
Example: RV4NAYSB000A **note:** not all part number combinations are valid						