

## Features

- Hot molded carbon element
- One piece housing and bushing
- Stainless steel shaft
- Compact size
- Meets or exceeds specifications of MIL-R-94 — QPL Listed

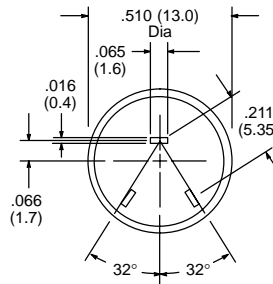
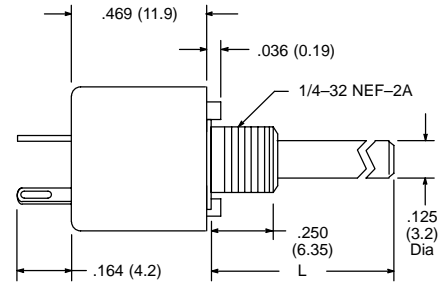


PEC No.	NTE Part No.	Military No.	Value (Ohms)	Shaft Length	Diag No.
SU1011S28	501-0085	RV6NAYSD101A	100	7/8"	P4
SU2511S28	501-0086	RV6NAYSD251A	250	7/8"	P4
SU5011S28	501-0087	RV6NAYSD501A	500	7/8"	P4
SU1021S28	501-0088	RV6NAYSD102A	1K	7/8"	P4
SU2521S28	501-0089	RV6NAYSD252A	2.5K	7/8"	P4
SU5021S28	501-0090	RV6NAYSD502A	5K	7/8"	P4
SU1031S28	501-0091	RV6NAYSD103A	10K	7/8"	P4
SU2531S28	501-0092	RV6NAYSD253A	25K	7/8"	P4
SU5031S28	501-0093	RV6NAYSD503A	50K	7/8"	P4
SU1041S28	501-0094	RV6NAYSD104A	100K	7/8"	P4
SU2541S28	501-0095	RV6NAYSD254A	250K	7/8"	P4
SU5041S28	501-0096	RV6NAYSD504A	500K	7/8"	P4
SU1051S28	501-0097	RV6NAYSD105A	1M	7/8"	P4

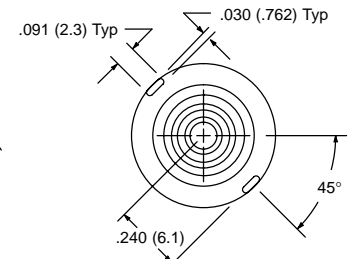
# PEC SU/RV6NAY Series

## Potentiometer – 1/2 Watt, 1/8" dia. shaft

P4



Terminal End



Shaft End

L = Shaft Length (See Table)

## Specifications

### Electrical

**Resistance Range – Linear Taper:** 100Ω to 1 Meg Ω  
**Resistance Tolerance:** ±10%  
**Power Rating:** 1/2 Watt @ 70°C derated to 0 Watts @ 120°C  
**Insulation Resistance:** 10K Meg Ω (Dry)  
 100K Meg Ω (Wet)

**Dielectric Strength:** 750V RMS at sea level  
**Operating Voltage:** 350V subject to power rating

### Mechanical

**Mechanical Rotation:** 295°  
**Operating Torque:** 0.5 oz/in to 6 oz/in  
**Rotation Life:** 25,000 cycles

### Environmental

**Operating Temperature:** -65°C to +125°C  
**Resistance to Soldering Heat:** 350°C for 5 seconds  
**Load Life:** 1000 hr. at 70°C