

## 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

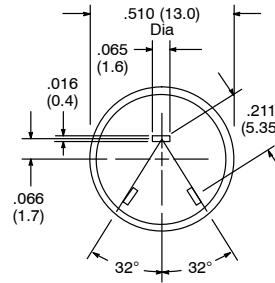
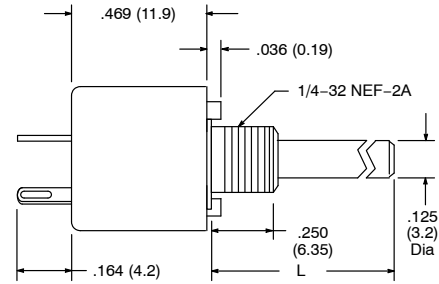


NTE Part No.	PEC No.	Military No.	Value (Ohms)	Shaft Length	Diag No.
501-0085	SU1011S28	RV6NAYSD101A	100	.875 (22.2)	P4
501-0086	SU2511S28	RV6NAYSD251A	250	.875 (22.2)	P4
501-0087	SU5011S28	RV6NAYSD501A	500	.875 (22.2)	P4
501-0088	SU1021S28	RV6NAYSD102A	1K	.875 (22.2)	P4
501-0089	SU2521S28	RV6NAYSD252A	2.5K	.875 (22.2)	P4
501-0090	SU5021S28	RV6NAYSD502A	5K	.875 (22.2)	P4
501-0091	SU1031S28	RV6NAYSD103A	10K	.875 (22.2)	P4
501-0092	SU2531S28	RV6NAYSD253A	25K	.875 (22.2)	P4
501-0093	SU5031S28	RV6NAYSD503A	50K	.875 (22.2)	P4
501-0094	SU1041S28	RV6NAYSD104A	100K	.875 (22.2)	P4
501-0095	SU2541S28	RV6NAYSD254A	250K	.875 (22.2)	P4
501-0096	SU5041S28	RV6NAYSD504A	500K	.875 (22.2)	P4
501-0097	SU1051S28	RV6NAYSD105A	1M	.875 (22.2)	P4

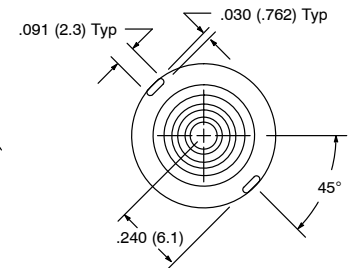
# PEC SU/RV6NAY Series

Potentiometer – 1/2 Watt, .125 (3.2) 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