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 SU/RV6NAY Series

Potentiometer – 1/2 Watt, .125 (3.2) dia. shaft

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

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