

Features

- Hot molded carbon element
- Stainless steel shaft and housing
- Available in Linear and Logarithmic taper
- Meets or exceeds specifications of MIL-R-94 — QPL Listed



NTE Part No.	Industry No.	Military No.	Value (Ohms)	Shaft Length	Diag No.
501-0001	KU5001S28	RV4NAYSD500A	50	.875 (22.2)	P1
501-0002	KU1011S28	RV4NAYSD101A	100	.875 (22.2)	P1
501-0048	KU1511S28	RV4NAYSD151A	150	.875 (22.2)	P1
501-0051	KU2011S28	RV4NAYSD201A	200	.875 (22.2)	P1
501-0003	KU2511S28	RV4NAYSD251A	250	.875 (22.2)	P1
501-0004	KU5011S28	RV4NAYSD501A	500	.875 (22.2)	P1
501-0005	KU1021S28	RV4NAYSD102A	1K	.875 (22.2)	P1
501-0006	KU2021S28	RV4NAYSD202A	2K	.875 (22.2)	P1
501-0007	KU2521S28	RV4NAYSD252A	2.5K	.875 (22.2)	P1
501-0008	KU3521S28	RV4NAYSD352A	3.5K	.875 (22.2)	P1
501-0009	KU5021S28	RV4NAYSD502A	5K	.875 (22.2)	P1
501-0010	KU1031S28	RV4NAYSD103A	10K	.875 (22.2)	P1
501-0021**	KA1031S28	RV4NAYSD103C	10K	.875 (22.2)	P1
501-0011	KU2031S28	RV4NAYSD203A	20K	.875 (22.2)	P1
501-0012	KU2531S28	RV4NAYSD253A	25K	.875 (22.2)	P1
501-0022**	KA2531S28	RV4NAYSD253C	25K	.875 (22.2)	P1
501-0013	KU3531S28	RV4NAYSD353A	35K	.875 (22.2)	P1
501-0014	KU5031S28	RV4NAYSD503A	50K	.875 (22.2)	P1
501-0015	KU1041S28	RV4NAYSD104A	100K	.875 (22.2)	P1
501-0023**	KA1041S28	RV4NAYSD104C	100K	.875 (22.2)	P1
501-0049	KU1541S28	RV4NAYSD154A	150K	.875 (22.2)	P1
501-0016	KU2041S28	RV4NAYSD204A	200K	.875 (22.2)	P1
501-0017	KU2541S28	RV4NAYSD254A	250K	.875 (22.2)	P1
501-0024**	KA2541S28	RV4NAYSD254C	250K	.875 (22.2)	P1
501-0018	KU5041S28	RV4NAYSD504A	500K	.875 (22.2)	P1
501-0025**	KA5041S28	RV4NAYSD504C	500K	.875 (22.2)	P1
501-0019	KU1051S28	RV4NAYSD105A	1M	.875 (22.2)	P1
501-0026**	KA1051S28	RV4NAYSD105C	1M	.875 (22.2)	P1
501-0020	KU5051S28	RV4NAYSD505B	5M	.875 (22.2)	P1
501-0030	KU5001S64	RV4NAYSJ500A	50	2.000 (50.8)	P2
501-0031	KU1011S64	RV4NAYSJ101A	100	2.000 (50.8)	P2
501-0032	KU2511S64	RV4NAYSJ251A	250	2.000 (50.8)	P2
501-0033	KU5011S64	RV4NAYSJ501A	500	2.000 (50.8)	P2
501-0034	KU1021S64	RV4NAYSJ102A	1K	2.000 (50.8)	P2
501-0035	KU2021S64	RV4NAYSJ202A	2K	2.000 (50.8)	P2
501-0036	KU2521S64	RV4NAYSJ252A	2.5K	2.000 (50.8)	P2
501-0037	KU3521S64	RV4NAYSJ352A	3.5K	2.000 (50.8)	P2
501-0038	KU5021S64	RV4NAYSJ502A	5K	2.000 (50.8)	P2
501-0039	KU1031S64	RV4NAYSJ103A	10K	2.000 (50.8)	P2
501-0040	KU2031S64	RV4NAYSJ203A	20K	2.000 (50.8)	P2
501-0041	KU2531S64	RV4NAYSJ253A	25K	2.000 (50.8)	P2
501-0042	KU5031S64	RV4NAYSJ503A	50K	2.000 (50.8)	P2
501-0043	KU1041S64	RV4NAYSJ104A	100K	2.000 (50.8)	P2
501-0044	KU2041S64	RV4NAYSJ204A	200K	2.000 (50.8)	P2
501-0045	KU2541S64	RV4NAYSJ254A	250K	2.000 (50.8)	P2
501-0046	KU5041S64	RV4NAYSJ504A	500K	2.000 (50.8)	P2
501-0047	KU1051S64	RV4NAYSJ105A	1M	2.000 (50.8)	P2

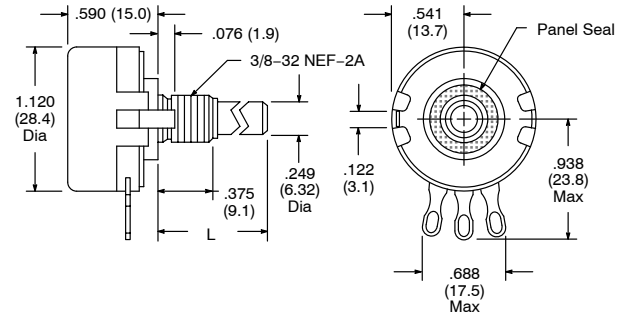
** Indicates logarithmic taper.

501-00XX Series

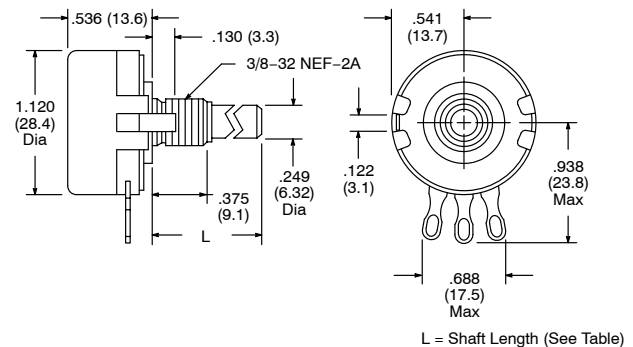
(Compare with KA/KU/RV4NAY Types)

Potentiometer – 2 Watt, .250 (6.4) dia. shaft

P1



P2



Specifications

Electrical

Resistance Range – Linear Taper: 50Ω to 1 Meg Ω

– **Logarithmic Taper:** 10KΩ to 1 Meg Ω

Resistance Tolerance: ±10%

Power Rating: 2 Watts @ 70°C derated to 0 Watts @ 120°C

Insulation Resistance: 10K Meg Ω (Dry)

100K Meg Ω (Wet)

Dielectric Strength: 900V RMS at sea level

Operating Voltage: 500V subject to power rating

Mechanical

Mechanical Rotation: 314°

Operating Torque: 1 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