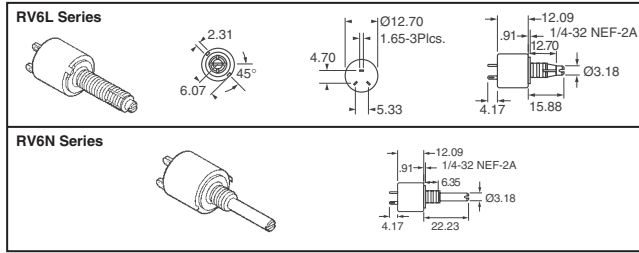




**MIL Style RV6 – 1/2 Watt Carbon Potentiometers**



**Specifications:** • Resistance Tolerance: ±10% through 500K, ±20% from 1Meg • Resistance Taper: Linear • Power Rating: .5 Watts @ 70°C • Dielectric Strength: 750V RMS • Working Voltage: 350VDC maximum, but power not to exceed rating • Operating Temperature: -65°C – 125°C • Mechanical Rotation: 295° QPL listed under MIL R 94 Specifications. Metal housing, stainless steel shaft • Hardware included

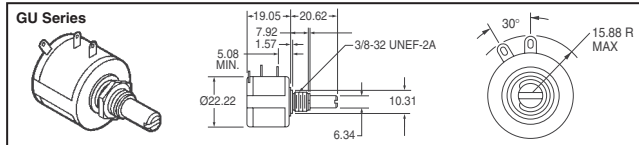
Resistance Code Chart

| Code (Value) | Code (Value) | Code (Value) | Code (Value) | Code (Value) |
|--------------|--------------|--------------|--------------|--------------|
| 101 (100)    | 102 (1K)     | 103 (10K)    | 104 (100K)   | 105 (1Meg)   |
| 251 (250)    | 252 (2.5K)   | 253 (25K)    | 254 (250K)   | 505 (5Meg)   |
| 501 (500)    | 502 (5K)     | 503 (50K)    | 504 (500K)   |              |

| Resistance Range (Ω) | Digi-Key† Part No. | Price Each |      |      |      |      | Precision Part No. |
|----------------------|--------------------|------------|------|------|------|------|--------------------|
|                      |                    | 1          | 10   | 50   | 100  | 250  |                    |
| 100-5Meg             | RV6L□□□□-ND        | 10.62      | 9.60 | 8.17 | 6.79 | 5.93 | RV6LAYSA(Code)A    |
| 100-1Meg             | RV6N□□□□-ND        | 9.63       | 8.71 | 7.41 | 6.15 | 5.37 | RV6NAYSJ(Code)A    |

† For complete number, substitute corresponding code (from Resistance Code Chart) for □□□.

**Wirewound Precision Ten-Turn 2 Watt Potentiometers**



**Specifications:** • Resistance Tolerance: ±5% • Electrical/Mechanical Rotation: 3600° + 10° 0° • Effective Rotation: 3600° nominal • Dielectric Strength: 1000 VAC for 60 seconds at ATM • Working Voltage: 500 volts maximum • Power rating: 2 watt at 70°C • Shaft Length and Size: 13/16" (20.64mm) FMS screwdriver slotted, stainless steel • Bushing Style: 5/16" (7.95mm) • Temperature Coefficient: ± 20 PPM/°C • Hardware included

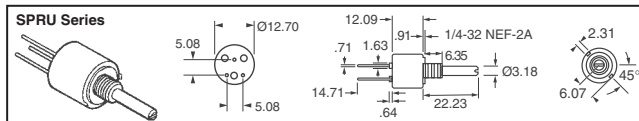
Resistance Code Chart

| Code (Value) | Code (Value) | Code (Value) |
|--------------|--------------|--------------|
| 101 (100)    | 202 (2K)     | 253 (25K)    |
| 201 (200)    | 502 (5K)     | 503 (50K)    |
| 501 (500)    | 103 (10K)    | 104 (100K)   |
| 102 (1K)     | 203 (20K)    |              |

| Resistance Range (Ω) | Digi-Key† Part No. | Price Each |       |       |       |      | Precision Part No. |
|----------------------|--------------------|------------|-------|-------|-------|------|--------------------|
|                      |                    | 1          | 10    | 50    | 100   | 250  |                    |
| 100-100K             | GU□□□□1S26-ND      | 17.42      | 15.75 | 13.40 | 11.13 | 9.72 | GU(Code)1S26       |

† For complete number, substitute corresponding code (from Resistance Code Chart) for □□□.

**Type SPR Washable 1/2 Watt Carbon Potentiometers**



**Specifications:** • Resistance Tolerance: ±10% through 500K, ±20% from 1Meg – 5Meg • Resistance Taper: Linear • Power Rating: .5 Watts @ 70°C • Dielectric Strength: 750V RMS • Working Voltage: 350VDC maximum, but power not to exceed rating • Operating Temperature: -65°C – 125°C • Mechanical Rotation: 295° • Hardware included  
Meets or exceeds MIL R 94 Specifications. Metal housing, stainless steel shaft.

Resistance Code Chart

| Code (Value) | Code (Value) | Code (Value) | Code (Value) |
|--------------|--------------|--------------|--------------|
| 101 (100)    | 252 (2.5K)   | 503 (50K)    | 105 (1Meg)   |
| 251 (250)    | 502 (5K)     | 104 (100K)   | 255 (2.5Meg) |
| 501 (500)    | 103 (10K)    | 254 (250K)   | 505 (5Meg)   |
| 102 (1K)     | 253 (25K)    | 504 (500K)   |              |

| Resistance Range (Ω) | Digi-Key† Part No. | Price Each |      |      |      |      | Precision Part No. |
|----------------------|--------------------|------------|------|------|------|------|--------------------|
|                      |                    | 1          | 10   | 50   | 100  | 250  |                    |
| 100-5Meg             | SPRU□□□□-ND        | 9.72       | 8.79 | 7.48 | 6.21 | 5.42 | SPRU(Code)1S28     |

† For complete number, substitute corresponding code (from Resistance Code Chart) for □□□.

**MIL Style – 2 Watt Carbon Potentiometers**

RV4L, RV4N, RV4NJ-(Linear Taper Single Element)

KA (Logarithmic Taper Single Element)

KB (Reverse Logarithmic Taper Single Element)

KU (High Life\* Linear Taper Single Element)

\*Rotational Life: 100,000 cycles

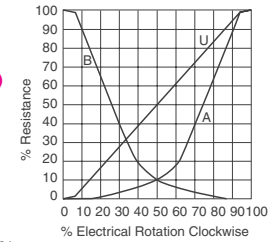
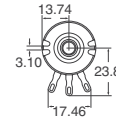
KKA (Logarithmic Taper Dual Element)

KKB (Reverse Logarithmic Taper Dual Element)

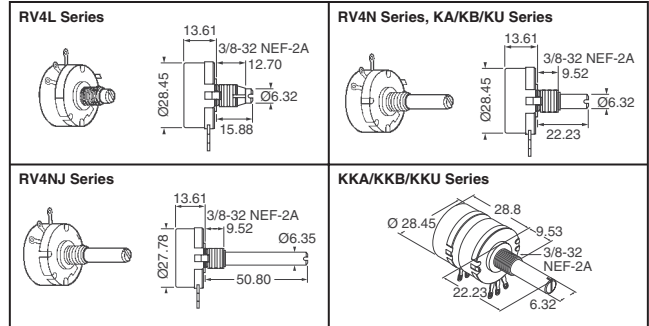
KKU (Linear Taper Dual Element)

**Specifications:**

- Resistance Tolerance: ±10% through 500K, ±20% from 1Meg
- Power Rating: 2 Watts @ 70°C, Derate to 0 Watt @ 120°C
- Dielectric Strength: 900V RMS
- Working Voltage: 500 volts, but power not to exceed rating
- Operating Temperature: -65°C – 125°C
- Mechanical Rotation: 314° QPL listed under MIL R 94 Specifications. Metal housing, stainless steel shaft. • Hardware included



U = Linear Taper  
A = Logarithmic Taper  
B = Reverse Logarithmic Taper



| RV4L SERIES (LINEAR) |              |              |              | KA SERIES (LOG TAPER) |              |
|----------------------|--------------|--------------|--------------|-----------------------|--------------|
| Code (Value)         | Code (Value) | Code (Value) | Code (Value) | Code (Value)          | Code (Value) |
| 500 (50)             | 102 (1K)     | 153 (15K)    | 104 (100K)   | 502 (5K)              | 104 (100K)   |
| 101 (100)            | 252 (2.5K)   | 253 (25K)    | 254 (250K)   | 103 (10K)             | 254 (250K)   |
| 251 (250)            | 502 (5K)     | 353 (35K)    | 504 (500K)   | 253 (25K)             | 504 (500K)   |
| 501 (500)            | 103 (10K)    | 503 (50K)    | 105 (1Meg)   | 503 (50K)             | 105 (1Meg)   |

| RV4N SERIES (LINEAR) |              |              |              | RV4NJ SERIES (LINEAR) |              |
|----------------------|--------------|--------------|--------------|-----------------------|--------------|
| Code (Value)         | Code (Value) | Code (Value) | Code (Value) | Code (Value)          | Code (Value) |
| 500 (50)             | 501 (500)    | 502 (5K)     | 253 (25K)    | 254 (250K)            | 502 (5K)     |
| 101 (100)            | 102 (1K)     | 752 (7.5K)   | 353 (35K)    | 504 (500K)            | 103 (10K)    |
| 151 (150)            | 152 (1.5K)   | 103 (10K)    | 503 (50K)    | 105 (1Meg)            | 251 (250)    |
| 251 (250)            | 252 (2.5K)   | 153 (15K)    | 104 (100K)   |                       | 104 (100K)   |

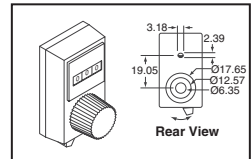
| KB SERIES (REV LOG) | KKA SERIES (DUAL LOG) | KKB SERIES (DUAL REV LOG) | KKU SERIES (DUAL LINEAR) |
|---------------------|-----------------------|---------------------------|--------------------------|
| Code (Value)        | Code (Value)          | Code (Value)              | Code (Value)             |
| 102 (1K)            | 104 (100K)            | 102 (1K)                  | 104 (100K)               |
| 502 (5K)            | 254 (250K)            | 502 (5K)                  | 254 (250K)               |
| 103 (10K)           | 504 (500K)            | 103 (10K)                 | 504 (500K)               |
| 253 (25K)           | 105 (1Meg)            | 253 (25K)                 | 105 (1Meg)               |
| 503 (50K)           |                       | 503 (50K)                 |                          |

| Resistance Range (Ω) | Digi-Key† Part No. | Price Each |       |       |       |       | Precision Part No. |
|----------------------|--------------------|------------|-------|-------|-------|-------|--------------------|
|                      |                    | 1          | 10    | 50    | 100   | 250   |                    |
| 50-1Meg              | RV4L□□□□-ND        | 9.39       | 8.50  | 7.23  | 6.00  | 5.24  | RV4LAYSA(Code)A    |
| 50-1Meg              | RV4N□□□□-ND        | 8.99       | 8.13  | 6.92  | 5.74  | 5.02  | RV4NAYSJ(Code)A    |
| 50-1Meg              | RV4NJ□□□□-ND       | 8.99       | 8.13  | 6.92  | 5.74  | 5.02  | RV4NAYSJ(Code)A    |
| 5K-1Meg              | KA□□□□1S28-ND      | 12.84      | 11.61 | 9.88  | 8.20  | 7.16  | KA(Code)1S28       |
| 5K                   | KU5021S28-HL-ND    | 12.95      | 11.71 | 9.97  | 8.28  | 7.23  | KU5021S28-HL       |
| 1K-1Meg              | KB□□□□1S28-ND      | 12.84      | 11.61 | 9.88  | 8.20  | 7.16  | KB(Code)1S28       |
| 1K-1Meg              | KKA□□□□1S28-ND     | 36.38      | 32.89 | 27.99 | 23.23 | 20.30 | KKA(Code)1S28      |
| 1K-1Meg              | KKB□□□□1S28-ND     | 36.38      | 32.89 | 27.99 | 23.23 | 20.30 | KKB(Code)1S28      |
| 1K-10K               | KKU□□□□1S28-ND     | 29.38      | 26.56 | 22.61 | 18.76 | 16.39 | KKU(Code)1S28      |

† RoHS Compliant

† For complete number, substitute corresponding code (from Resistance Code Chart) for □□□.

**Model 15 Turns Counting Dial**



**E15-1-11-ND:** The left digit indicates the number of complete revolutions of the turning knob and the right two digits indicate the percent of a revolution. The unit registers a total count of 999.  
**E15-2-11-ND:** The left two digits indicate the number of complete revolutions of the turning knob and the right two digits indicate the percent of a revolution. The unit registers a total count of 9999.

| Description                     | Digi-Key Part No. | Price Each | Precision Part No. |
|---------------------------------|-------------------|------------|--------------------|
| Digital Dial (3 Digit/10 turn)  | E15-1-11-ND       | 62.45      | E15-1-11           |
| Digital Dial (4 Digit/100 turn) | E15-2-11-ND       | 71.71      | E15-2-11           |

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