

Power Wirewound Rheostats, Precision Potentiometers, and Dials

RoHS Compliant This product is RoHS compliant.

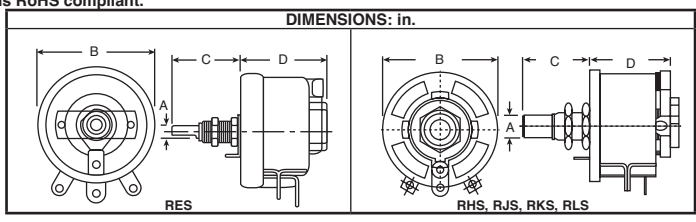
POWER WIREWOUND RHEOSTATS

| Series | Watts | Ohmic Range | Dimensions: in. | | | | Shaft Torque | Rotation (± 5°) |
|--------|-------|-------------|-----------------|-------|------|-------|---------------|-----------------|
| | | | A | B | C | D | | |
| RES | 12.5 | 1.0-15K | .125 | .875 | .625 | .688 | 1-6 oz. in. | 300 |
| RHS | 25 | 1.0-25K | .250 | 1.560 | .875 | 1.375 | 25-.5 lb. in. | 300 |
| RJS | 50 | .05-50K | .250 | 2.310 | .875 | 1.375 | .25-2 lb. in. | 300 |
| RKS | 100 | .05-50K | .250 | 3.125 | .875 | 1.750 | .5-2 lb. in. | 300 |
| RLS | 150 | .05-50K | .250 | 4.000 | .875 | 2.000 | .5-3 lb. in. | 300 |

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Ohmite Part No. | Value (Ω) | Price Each | | | |
|-------------------------------|-----------------|-----------|------------|-------|-------|-------|
| | | | 1 | 10 | 50 | 100 |
| RES Series, 12.5 Watts | | | | | | |
| 588-RES6R0E | RES6R0E | 6 | 29.02 | 26.14 | 21.18 | 20.14 |
| 588-RES8R0E | RES8R0E | 8 | 29.02 | 26.14 | 21.18 | 20.14 |
| 588-RES10RE | RES10RE | 10 | 27.52 | 24.75 | 19.26 | 19.00 |
| 588-RES25RE | RES25RE | 25 | 27.52 | 24.75 | 19.26 | 19.00 |
| 588-RES50RE | RES50RE | 50 | 27.52 | 24.75 | 19.26 | 19.00 |
| 588-RES75RE | RES75RE | 75 | 27.52 | 24.75 | 19.26 | 19.00 |
| 588-RES100E | RES100E | 100 | 27.52 | 24.75 | 19.26 | 19.00 |
| 588-RES125E | RES125E | 125 | 27.52 | 24.75 | 19.26 | 19.00 |
| 588-RES250E | RES250E | 250 | 27.52 | 24.75 | 19.26 | 19.00 |
| 588-RES350E | RES350E | 350 | 27.52 | 24.75 | 19.26 | 19.00 |
| 588-RES1K0E | RES1K0E | 1K | 25.99 | 24.14 | 19.79 | 18.97 |
| 588-RES1K5E | RES1K5E | 1.5K | 25.99 | 24.14 | 19.79 | 18.97 |

| | | | | | | |
|-----------------------------|---------|------|-------|-------|-------|-------|
| RHS Series, 25 Watts | | | | | | |
| 588-RHS1R0E | RHS1R0E | 1 | 32.34 | 29.11 | 25.89 | 22.65 |
| 588-RHS2R0E | RHS2R0E | 2 | 32.34 | 29.11 | 25.89 | 22.65 |
| 588-RHS3R0E | RHS3R0E | 3 | 32.34 | 29.11 | 25.89 | 22.65 |
| 588-RHS6R0E | RHS6R0E | 6 | 32.34 | 29.11 | 25.89 | 22.65 |
| 588-RHS8R0E | RHS8R0E | 8 | 32.34 | 29.11 | 25.89 | 22.65 |
| 588-RHS10RE | RHS10RE | 10 | 30.92 | 27.82 | 24.72 | 21.62 |
| 588-RHS15RE | RHS15RE | 15 | 30.92 | 27.82 | 24.72 | 21.62 |
| 588-RHS25RE | RHS25RE | 25 | 30.92 | 27.82 | 24.72 | 21.62 |
| 588-RHS50RE | RHS50RE | 50 | 30.92 | 27.82 | 24.72 | 21.62 |
| 588-RHS75RE | RHS75RE | 75 | 30.92 | 27.82 | 24.72 | 21.62 |
| 588-RHS100E | RHS100E | 100 | 30.92 | 27.82 | 24.72 | 21.62 |
| 588-RHS125E | RHS125E | 125 | 30.92 | 27.82 | 24.72 | 21.62 |
| 588-RHS175E | RHS175E | 175 | 30.92 | 27.82 | 24.72 | 21.62 |
| 588-RHS250E | RHS250E | 250 | 30.92 | 27.82 | 24.72 | 21.62 |
| 588-RHS350E | RHS350E | 350 | 30.92 | 27.82 | 24.72 | 21.62 |
| 588-RHS500E | RHS500E | 500 | 30.92 | 27.82 | 24.72 | 21.62 |
| 588-RHS750E | RHS750E | 750 | 30.92 | 27.82 | 24.72 | 21.62 |
| 588-RHS1K0E | RHS1K0E | 1K | 31.98 | 28.78 | 25.59 | 22.40 |
| 588-RHS2K5E | RHS2K5E | 2.5K | 31.98 | 28.78 | 25.59 | 22.40 |



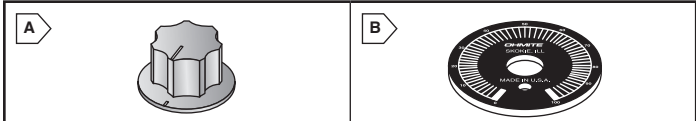
| MOUSER STOCK NO. | Ohmite Part No. | Value (Ω) | Price Each | | | |
|-------------------------------------|-----------------|-----------|------------|-------|-------|-------|
| | | | 1 | 10 | 50 | 100 |
| RHS Series, 25 Watts (Cont.) | | | | | | |
| 588-RHS3K5E | RHS3K5E | 3.5K | 31.98 | 28.78 | 25.59 | 22.40 |
| 588-RHS5K0E | RHS5K0E | 5K | 31.98 | 28.78 | 25.59 | 22.40 |
| 588-RHS10KE | RHS10KE | 10K | 34.69 | 31.21 | 27.76 | 24.27 |
| 588-RHS25KE | RHS25KE | 25K | 37.00 | 33.24 | 32.13 | 30.58 |

| | | | | | | |
|-----------------------------|---------|-----|-------|-------|-------|-------|
| RJS Series, 50 Watts | | | | | | |
| 588-RJS5R0E | RJS5R0E | 0.5 | 49.08 | 44.16 | 39.26 | 34.35 |
| 588-RJS1R0E | RJS1R0E | 1 | 43.82 | 39.44 | 35.06 | 30.66 |
| 588-RJS6R0E | RJS6R0E | 6 | 43.82 | 39.44 | 35.06 | 30.66 |
| 588-RJS35RE | RJS35RE | 35 | 38.34 | 34.50 | 30.66 | 26.82 |
| 588-RJS50RE | RJS50RE | 50 | 38.34 | 34.50 | 30.66 | 26.82 |
| 588-RJS125E | RJS125E | 125 | 38.34 | 34.50 | 30.66 | 26.82 |
| 588-RJS150E | RJS150E | 150 | 38.34 | 34.50 | 30.66 | 26.82 |
| 588-RJS225E | RJS225E | 225 | 36.83 | 33.15 | 29.47 | 25.77 |
| 588-RJS500E | RJS500E | 500 | 36.83 | 33.15 | 29.47 | 25.77 |
| 588-RJS1K0E | RJS1K0E | 1K | 40.27 | 36.25 | 32.21 | 28.19 |
| 588-RJS5K0E | RJS5K0E | 5K | 40.27 | 36.25 | 32.21 | 28.19 |
| 588-RJS10KE | RJS10KE | 10K | 40.27 | 36.25 | 32.21 | 28.19 |

| | | | | | | |
|------------------------------|---------|-----|-------|-------|-------|-------|
| RKS Series, 100 Watts | | | | | | |
| 588-RKS2R0E | RKS2R0E | 2 | 67.66 | 64.90 | 59.34 | 53.64 |
| 588-RKS5R0E | RKS5R0E | 5 | 67.66 | 64.90 | 59.34 | 53.64 |
| 588-RKS10RE | RKS10RE | 10 | 54.81 | 50.33 | 48.78 | 47.55 |
| 588-RKS25RE | RKS25RE | 25 | 54.81 | 50.33 | 48.78 | 47.55 |
| 588-RKS100E | RKS100E | 100 | 54.81 | 50.33 | 48.78 | 47.55 |
| 588-RKS500E | RKS500E | 500 | 54.81 | 50.33 | 48.78 | 47.55 |
| 588-RKS5K0E | RKS5K0E | 5K | 61.54 | 58.28 | 57.00 | 53.19 |

| | | | | | | |
|------------------------------|---------|-----|-------|-------|-------|-------|
| RLS Series, 150 Watts | | | | | | |
| 588-RLS5R0E | RLS5R0E | 5 | 89.64 | 85.95 | 84.69 | 84.50 |
| 588-RLS50RE | RLS50RE | 50 | 71.49 | 68.15 | 62.70 | 60.75 |
| 588-RLS100E | RLS100E | 100 | 71.49 | 68.15 | 62.70 | 60.65 |
| 588-RLS250E | RLS250E | 250 | 71.49 | 68.15 | 62.70 | 62.68 |

KNOBBS AND DIALS FOR POWER WIREWOUND RHEOSTATS



| MOUSER STOCK NO. | Fig. | Type | Fits Ohmite Series | Knob Dia. (in.) | Dial Dia. (in.) | Price Each | |
|------------------|------|------|--------------------|-----------------|-----------------|------------|------|
| | | | | | | 1 | 10 |
| 588-5150E | A | Knob | RHS, RJS, RKS, RLS | 1 1/2 | 2 3/16 | 8.93 | 6.24 |
| 588-5151E | A | Knob | RES | 3/4 | 1 1/4 | 6.45 | 4.54 |
| 588-5000E | B | Dial | RHS, RJS, RKS, RLS | 1 1/2 | 2 3/16 | 2.07 | 1.65 |
| 588-5007E | B | Dial | RES | 3/4 | 1 1/4 | 2.07 | 1.65 |

BOURNS' 6639 SERIES - CONDUCTIVE PLASTIC, PRECISION POTENTIOMETERS

- Features:**
- Essentially infinite resolution
 - Excellent rotational life
 - High quality, rugged construction
 - General purpose applications
- Specifications:**
- Resistance tolerance: ±15%
 - Power rating: 1.0W
 - Mechanical angle: continuous
 - * Non-standard features available

| MOUSER STOCK NO. | Mfr. | Mfr. Part No. | Fig. | Value (μF) | Price Each | | | | |
|------------------|------|---------------|------|------------|------------|-------|-------|-------|-------|
| | | | | | 1 | 10 | 25 | 50 | 100 |
| 652-6639S-1-102 | | | A | 1k | 11.46 | 11.14 | 10.84 | 9.29 | 8.48 |
| 652-6639S-1-202 | | | A | 2k | 13.81 | 12.87 | 12.50 | 12.19 | 11.25 |
| 652-6639S-1-502 | | | A | 5k | 11.46 | 11.34 | 10.84 | 9.29 | 8.48 |
| 652-6639S-1-103 | | | A | 10k | 11.46 | 11.34 | 10.84 | 9.29 | 8.48 |
| 652-6639S-1-203 | | | A | 20k | 13.81 | 12.87 | 12.50 | 12.19 | 11.25 |

BOURNS' 6539 SERIES - CONDUCTIVE PLASTIC, PRECISION POTENTIOMETERS

- Features:**
- Essentially infinite resolution
 - Excellent rotational life
 - High quality, rugged construction
 - Servo mount
 - General purpose applications
- Specifications:**
- Resistance tolerance: ±15%
 - Power rating: 1.0W
 - Mechanical angle: continuous
 - * Non-standard features available

| MOUSER STOCK NO. | Mfr. | Mfr. Part No. | Fig. | Value (μF) | Price Each | | | | | |
|------------------|------|---------------|------|------------|------------|-------|-------|-------|-------|-------|
| | | | | | 1 | 2 | 5 | 10 | 25 | 50 |
| 652-6539S-1-102 | | | B | 1k | 36.52 | 35.70 | 35.04 | 34.05 | 30.37 | 28.17 |
| 652-6539S-1-502 | | | B | 5k | 36.52 | 35.70 | 35.04 | 34.05 | 30.37 | 28.17 |
| 652-6539S-1-103 | | | B | 10k | 36.52 | 35.70 | 35.04 | 34.05 | 30.37 | 28.17 |

BOURNS' TURNS-COUNTING DIALS

- Specifications:**
- Mount directly to potentiometer shaft
 - No backlash
 - Excellent readability
 - Locking brake

| MOUSER STOCK NO. | Mfr. | Mfr. Part No. | Fig. | No. of Turns | Body Dia.: in. | Body Finish | Fits shaft Dia.: in. | Price Each | | | | | |
|------------------|------|---------------|------|--------------|----------------|-----------------|----------------------|------------|-------|-------|-------|-------|-------|
| | | | | | | | | 1 | 5 | 10 | 25 | 50 | 100 |
| 652-H-22-6A | | | C | 0 to 15 | 0.874 | Chrome | 0.25 | 8.65 | 8.57 | 8.47 | 8.23 | 7.79 | 7.35 |
| 652-H-22-6A-B | | | C | 0 to 15 | 0.874 | Black | 0.25 | 11.69 | 10.68 | 9.87 | 8.99 | 7.94 | 7.53 |
| 652-H-23-6A | | | C | 0 to 15 | 0.874 | Polished Chrome | 0.25 | 11.69 | 10.68 | 9.87 | 8.99 | 7.94 | 7.53 |
| 652-H-22-3A | | | C | 0 to 15 | 0.874 | Satin Chrome | 0.12 | 11.69 | 10.68 | 9.87 | 8.99 | 7.94 | 7.53 |
| 652-H-46-6A | | | D | 0 to 20 | 1.811 | Chrome | 0.25 | 17.11 | 16.87 | 16.46 | 16.26 | 15.40 | 14.55 |

DIMENSIONS: in.

