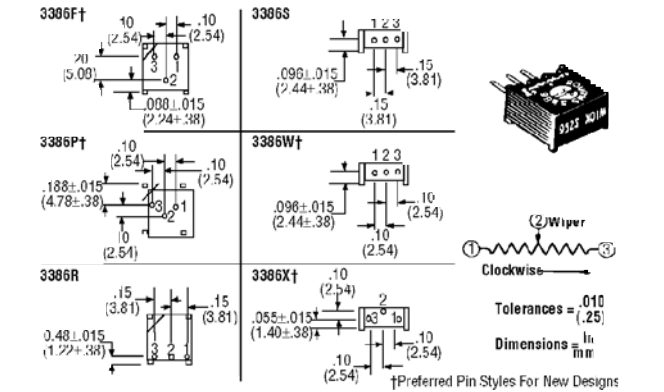




Visit Bourns' Website at [www.bourns.com](http://www.bourns.com)

Model 3386 Single-Turn, Cermet



$\frac{3}{4}$ " square units. Infinite resolution cermet element. **Power Rating:** 5 watt at +85°C. **Resistance Tolerance:** ±10%. **Adjustability:** ±0.05% voltage ratio. **Temperature Range:** -55°C to +125°C. **Low Temperature Coefficient:** ±100 ppm/°C. Sealed to withstand wave soldering and immersion cleaning process. **Dielectric Strength:** 900 VAC at sea level. **Mechanical Life:** 200 cycles.

Top Adjust

| Stock No.* | Mfr.'s Type | EACH |       |       |       |         |
|------------|-------------|------|-------|-------|-------|---------|
|            |             | 1-9  | 10-24 | 25-49 | 50-99 | 100-249 |
| 754-32XX   | 3386F-1-    | 1.10 | .95   | .88   | .82   | .78     |
| 754-33XX   | 3386P-1-    | 1.10 | .95   | .88   | .82   | .78     |
| 754-34XX   | 3386R-1-    | 1.24 | 1.05  | .98   | .91   | .86     |

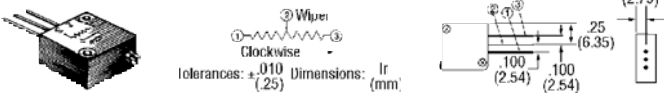
Side Adjust

|          |          |      |      |     |     |     |
|----------|----------|------|------|-----|-----|-----|
| 754-35XX | 3386S-1- | 1.24 | 1.05 | .98 | .91 | .86 |
| 754-36XX | 3386W-1- | 1.10 | .95  | .88 | .82 | .78 |
| 754-37XX | 3386X-1- | 1.10 | .95  | .88 | .82 | .78 |

\*Using OHM chart below, replace "XX" in Stock No. with numbers that correspond with desired OHM value.

| Ohms | XX | Ohms | XX | Ohms | XX | Ohms | XX | Ohms | XX |
|------|----|------|----|------|----|------|----|------|----|
| 50   | 03 | 500  | 06 | 5K   | 09 | 50K  | 12 | 500K | 15 |
| 100  | 04 | 1K   | 07 | 10K  | 10 | 100K | 13 | 1Meg | 16 |
| 200  | 05 | 2K   | 08 | 20K  | 11 | 200K | 14 | —    | —  |

Model RT22/3250 Multi-Turn



Sealed, wirewound. Listed on DESC OPL for style RT22 per MIL-R-27208 and RTR22 per High-Rel MIL-R-39015.  $\frac{1}{2}$ " square. **Power Rating:** 0.75 W at 85°C. High power dissipation in high temperature plastic case for operations up to +150°C. Humidity proof performance. **Resistance Tolerance:** ±5%. **Dielectric Strength:** 1000 VAC. **Temperature Range:** -65°C to +150°C. **Load Life:** 1000 hrs. Solderable PC pin terminals. Commercial version 3250W available at higher price.

| Stock No. | Mfr.'s Type | Ohms | Resolution Percent | EACH |       |       |       |         |
|-----------|-------------|------|--------------------|------|-------|-------|-------|---------|
|           |             |      |                    | 1-9  | 10-24 | 25-49 | 50-99 | 100-249 |
| 754-0310  | RT22C2W102  | 1K   | 0.36               | 9.09 | 7.74  | 7.21  | 6.80  | 6.45    |
| 754-0315  | RT22C2W202  | 2K   | 0.26               | 7.18 | 6.54  | 6.09  | 5.75  | 5.45    |
| 754-0320  | RT22C2W502  | 5K   | 0.20               | 7.73 | 7.04  | 6.56  | 6.19  | 5.87    |
| 754-0325  | RT22C2W103  | 10K  | 0.16               | 8.50 | 7.74  | 7.21  | 6.80  | 6.45    |
| 754-0330  | RT22C2W203  | 20K  | 0.14               | 8.50 | 7.74  | 7.21  | 6.80  | 6.45    |

Model 3269 Multi Turn Sealed Cermet SMD Trimmer

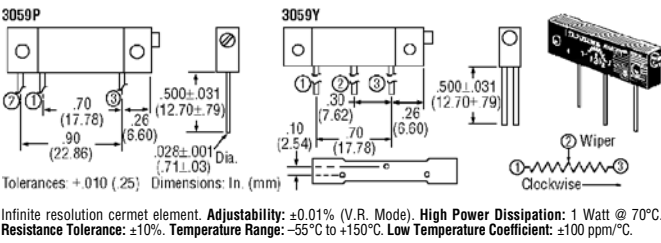
The 3269 series is a  $\frac{1}{4}$ " square surface mount trimming potentiometer that uses a stable, infinite resolution cermet element in a plastic case that is compatible with surface mount manufacturing processes. **Resistance Tolerance:** 10%. **Wattage:**  $\frac{1}{4}$ . **Rotational Life:** 200 cycles. Uses adjustment tool H-90 or H-200, see page 620.

| Stock No.* | Mfr.'s Type | EACH |       |       |       |         |
|------------|-------------|------|-------|-------|-------|---------|
|            |             | 1-9  | 10-24 | 25-49 | 50-99 | 100-249 |
| 754-04XX   | 3269P-      | 3.60 | 3.28  | 3.10  | 2.90  | 2.77    |
| 754-07XX   | 3269W-      | 3.60 | 3.28  | 3.10  | 2.90  | 2.77    |
| 754-09XX   | 3269X-      | 3.60 | 3.28  | 3.10  | 2.90  | 2.77    |

\*Using OHM chart below, replace "XX" in Stock No. with numbers that correspond with desired OHM value.

| Ohms | XX | Ohms | XX | Ohms | XX | Ohms | XX |
|------|----|------|----|------|----|------|----|
| 100  | 01 | 1K   | 04 | 10K  | 07 | 50K  | 10 |
| 200  | 02 | 2K   | 05 | 20K  | 08 | 100K | 11 |
| 500  | 03 | 5K   | 06 | 25K  | 09 | —    | —  |

Model 3059 Multi-Turn Cermet



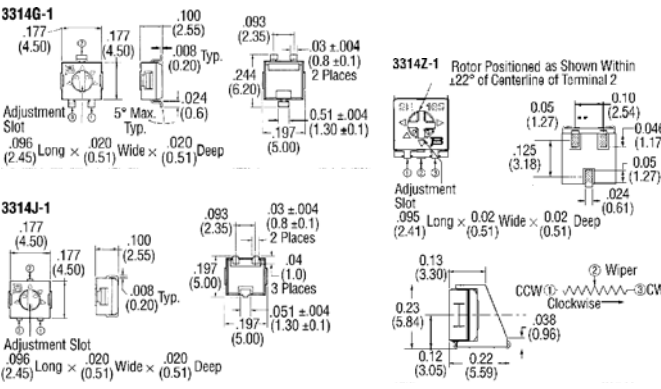
Infinite resolution cermet element. **Adjustability:** ±0.01% (V.R. Mode). **High Power Dissipation:** 1 Watt @ 70°C. **Resistance Tolerance:** ±10%. **Temperature Range:** -55°C to +150°C. **Low Temperature Coefficient:** ±100 ppm/°C.

| Stock No.* | Mfr.'s Type | EACH |       |       |       |         |
|------------|-------------|------|-------|-------|-------|---------|
|            |             | 1-9  | 10-24 | 25-49 | 50-99 | 100-249 |
| 754-12XX†  | 3059P-1-    | 5.44 | 4.76  | 4.45  | 4.14  | 3.92    |
| 754-13XX   | 3059Y-1-    | 5.44 | 4.76  | 4.45  | 4.14  | 3.92    |

†1K, 2K, 10K only. \*Using ohm chart below, replace "XX" in Stock No. with numbers that correspond with desired ohm value.

| Ohms | XX | Ohms | XX | Ohms | XX | Ohms | XX | Ohms | XX |
|------|----|------|----|------|----|------|----|------|----|
| 100  | 01 | 1K   | 04 | 5K   | 06 | 20K  | 08 | 100K | 10 |
| 500  | 03 | 2K   | 05 | 10K  | 07 | 50K  | 09 | —    | —  |

Model 3314 — 4 mm Square Sealed Single-Turn Cermet SMD Trimmer



These  $\frac{1}{4}$  W (at 70°C) trimmers are compatible with surface mount manufacturing processes using popular vacuum pick-and-place equipment. Cross-slot rotor on Z style. Meets EIA/EIA/JIPC/VRIC SMD standard trimmer designs. **Tolerance:** ±20%. **Soldering Heat:** 260°C for 10 seconds or less. **Operating Range:** -55°C to +125°C. **Rotational Cycling:** 100 cycles. **Mechanical Angle Rotation:** 240°. **Electrical Adjustment Angle:** 210° nominal. **Weight:** 0.01 oz.

| Stock No. | Mfr.'s Type | SMD Tabs       | Qty. Per Reel | EACH |
|-----------|-------------|----------------|---------------|------|
| 754-07XX  | 3314G-1-    | Gull-Wing      | 500           | 1.00 |
| 754-08XX  | 3314J-1-    | J-Hook         | 500           | 1.00 |
| 754-09XX  | 3314Z-1-    | Vertical Mount | 500           | 1.10 |

| Ohms | XX | Ohms | XX | Ohms | XX |
|------|----|------|----|------|----|
| 1K   | 20 | 10K  | 26 | 100K | 32 |
| 2K   | 22 | 20K  | 28 | —    | —  |
| 5K   | 24 | 50K  | 30 | —    | —  |