

Resistors & Potentiometers

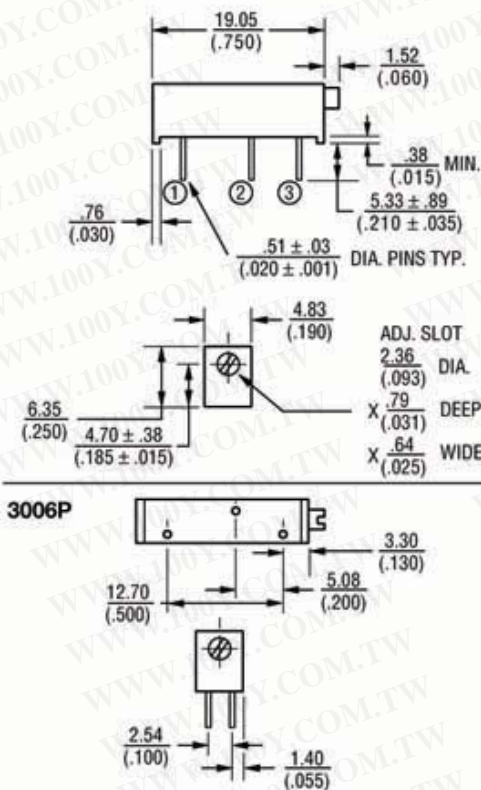
BOURNS_Multi-Turn Cermet Trimmers

Detailed product specifications are available on: us.100y.com.tw



BOURNS

Common Dimensions



3006P

| Electrical Characteristics | |
|------------------------------|--|
| Standard Resistance Range | 10 to 5 megohms(see standard resistance table) |
| Resistance Tolerance | ±10 % std.(tighter tolerance available) |
| Absolute Minimum Resistance | 1.0 % or 2 ohms max.(whichever is greater) |
| Contact Resistance Variation | 1.0 % or 1 ohm max.(whichever is greater) |
| Adjustability | Voltage ±0.01 % Resistance ±0.05 % |
| Resolution | Infinite |
| Insulation Resistance | 1,000 megohms min. |
| Dielectric Strength | Sea Level 1,000 vac 80,000 Feet 250 vac |
| Adjustment Angle | 15 turns nom. |

| Environmental Characteristics | |
|-------------------------------|--|
| Power Rating (400 volts max.) | 70 °C 0.75 watt 125 °C 0 watt |
| Temperature Range | -55 °C to +125 °C |
| Temperature Coefficient | ±100 ppm/°C |
| Seal Test | 85 °C Fluorinert* |
| Humidity | MIL-STD-202 Method 103 96 hours (3 % ΔTR, 20 Megohms IR) |
| Vibration | 20 G (2 % ΔTR; 2 % ΔVR) |
| Shock | 50 G (2 % ΔTR; 2 % ΔVR) |
| Load Life | 1,000 hours 0.75 watt 70 °C(4 % ΔTR) |
| Rotational Life | 200 cycles (3 % ΔTR; 1 % or 1 ohm, whichever is greater, CRV) |

| Physical Characteristics | |
|--------------------------|---|
| Torque | 5.0 oz-in. Max. |
| Mechanical Stops | Wiper idles |
| Terminals | Solderable pins |
| Weight | 0.04 oz. |
| Marking | Manufacturer's trademark, resistance code, terminal numbers, date code, manufacturer's model number and style |
| Wiper Positioning | 50 % ±10 % |
| Flammability | U.L. 94V-0 |
| Standard Packaging | 25 pcs. per tube |
| Adjustment Tool | H-90 |

| Part No. | Product No. | Manufacturer | Description | Type | Resistance data (Ω) | Tolerance (±) | Power Rating (W) |
|----------|-------------|--------------|--|------------|---------------------|---------------|------------------|
| 14995 | 3006P-1-101 | Bourns | BOURNS_3006P Multi-Turn Cermet Trimmer | 3006P-1-RC | 100 ohm | +/-10% | 0.75W |
| 14998 | 3006P-1-102 | Bourns | BOURNS_3006P Multi-Turn Cermet Trimmer | 3006P-1-RC | 1K ohm | +/-10% | 0.75W |
| 15001 | 3006P-1-103 | Bourns | BOURNS_3006P Multi-Turn Cermet Trimmer | 3006P-1-RC | 10K ohm | +/-10% | 0.75W |
| 15004 | 3006P-1-104 | Bourns | BOURNS_3006P Multi-Turn Cermet Trimmer | 3006P-1-RC | 100K ohm | +/-10% | 0.75W |
| 15007 | 3006P-1-105 | Bourns | BOURNS_3006P Multi-Turn Cermet Trimmer | 3006P-1-RC | 1M ohm | +/-10% | 0.75W |
| 14996 | 3006P-1-201 | Bourns | BOURNS_3006P Multi-Turn Cermet Trimmer | 3006P-1-RC | 200 ohm | +/-10% | 0.75W |
| 14999 | 3006P-1-202 | Bourns | BOURNS_3006P Multi-Turn Cermet Trimmer | 3006P-1-RC | 2K ohm | +/-10% | 0.75W |
| 15002 | 3006P-1-203 | Bourns | BOURNS_3006P Multi-Turn Cermet Trimmer | 3006P-1-RC | 20K ohm | +/-10% | 0.75W |
| 15005 | 3006P-1-204 | Bourns | BOURNS_3006P Multi-Turn Cermet Trimmer | 3006P-1-RC | 200K ohm | +/-10% | 0.75W |
| 14997 | 3006P-1-501 | Bourns | BOURNS_3006P Multi-Turn Cermet Trimmer | 3006P-1-RC | 500 ohm | +/-10% | 0.75W |
| 15000 | 3006P-1-502 | Bourns | BOURNS_3006P Multi-Turn Cermet Trimmer | 3006P-1-RC | 5K ohm | +/-10% | 0.75W |
| 15003 | 3006P-1-503 | Bourns | BOURNS_3006P Multi-Turn Cermet Trimmer | 3006P-1-RC | 50K ohm | +/-10% | 0.75W |
| 15006 | 3006P-1-504 | Bourns | BOURNS_3006P Multi-Turn Cermet Trimmer | 3006P-1-RC | 500K ohm | +/-10% | 0.75W |

BEST_3266 Square/Multiturn/ Cermet Trimmer

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| Environmental Characteristics | |
|-------------------------------|--|
| Rated power (160v max) | 0.5W 70°C .0W125°C |
| Temperature range | -55°C~+125°C |
| TCR | ±250ppm/°C |
| Temperature variation | -55°C. 30min. +125°C. 30min |
| Vibration | 10-500Hz. 0.75mm 6h ΔR≤5%R, Δ(Uab/Uac)≤±7.5% |
| Electrical endurance at 70°C | 0.5w, 1000h CVR≤3%R, R1≥5Ω |
| Mechanical emdurance | 200cycles ΔR≤10%R, CRV≤3%R or 5Ω |



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