

FEATURES :

The 3006P cermet trimmer from BARONS incorporates is manufactured to the highest international standards.

3006P has an effective travel of 15 turns nominal and a resistance range of $10\Omega \sim 2M\Omega$. A precious metal wiper significantly improves long term stability, making it particularly suitable for telecommunication applications.

MARKING

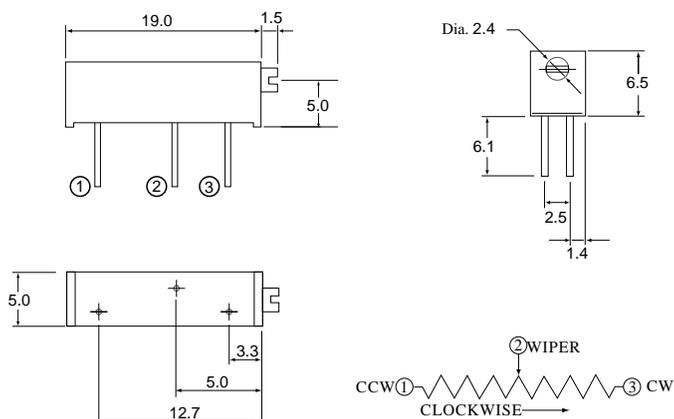
Unit Identification:

Manufacturer's name and model number, resistance value, tolerance, date code and terminal identification.

| BRAND | PART NO. | COLOR |
|----------|----------|--------|
| BOURNS | 3006P | BLUE |
| SPECTROL | 43P | YELLOW |
| BECKMAN | 89P | |
| BARONS | 3006P | BLUE |

OUTLINE DRAWING & DIMENSIONS (mm)

| Standard Resistance Table | |
|---------------------------|-----------------|
| Resistance (Ω) | Resistance Code |
| 10 | 100 |
| 20 | 200 |
| 50 | 500 |
| 100 | 101 |
| 200 | 201 |
| 500 | 501 |
| 1,000 | 102 |
| 2,000 | 202 |
| 5,000 | 502 |
| 10,000 | 103 |
| 20,000 | 203 |
| 50,000 | 503 |
| 100,000 | 104 |
| 200,000 | 204 |
| 500,000 | 504 |
| 1,000,000 | 105 |
| 2,000,000 | 205 |



ELECTRICAL CHARACTERISTICS

| | |
|---------------------------------|--------------------------------|
| Power Rating | ...0.75W @ 70°C 0W @ 125°C |
| Resistance Range |10 Ω ~ 2M Ω |
| Insulation Resistance |1G Ω |
| Contact Resistance Variation |2% or 20 Ω |
| End Resistance |1% or 2 Ω |
| Max. Operating Voltage |300V |
| Dielectric withstanding voltage |300V _{AC} |

MECHANICAL CHARACTERISTICS

| | |
|-------------------------------------|---------------------------|
| Effective Electrical Travel (Turns) |15 |
| Rotational Torque | ≤ 35 mNm |
| Stop |contact idles at stop |

ENVIRONMENTAL CHARACTERISTICS

| | |
|-----------------------------|------------------------|
| Operating Temperature Range | ...-55°C ~ +125°C |
| Temperature Coefficient | ± 100 ppm/°C |