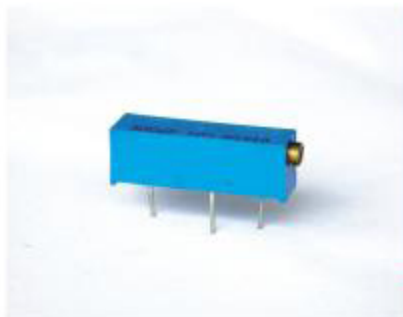




POTENTIOMETERS

3006P CERMET TRIMMING POTENTIOMETER

FEATURES

- Multiturn / Cermet/ Industrial&MIL / Sealed
- Tube and Bag packaging available

ELECTRICAL CHARACTERISTICS

Standard Resistance Range
.....10 ohms to 2.2 megohms
Resistance Tolerance..... $\pm 10\%$ Std.
Absolute Minimum Resistance
..... 2 ohms Max.
Contact Resistance Variation
..... 1%R or 3 ohms Max.
Insulation Resistance.....500 V dc
1,000 megohms Min.
Withstanding Voltage
.....640 V ac sea level
Effective Travel.....>70% total travel

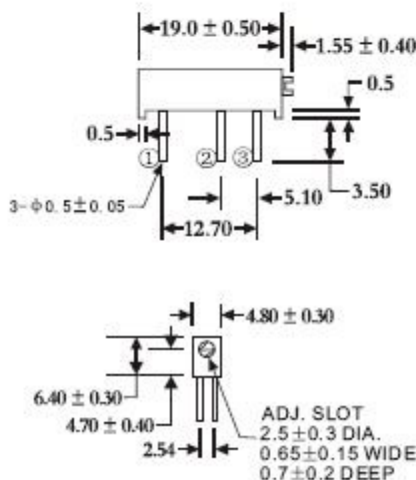
ENVIRONMENTAL CHARACTERISTICS

Power Rating(315 Volts Max.)
70°C.....0.75Watt
125°C.....0Watt
Temperature Range
.....-55°C to +125°C
Temperature Coefficient.....250ppm/°C
Load Life
.....1,000 hours 0.75Watt at 70°C
(CRV $\leq 3\%$ R or 3ohms)
Humidity.....96 hours
($\Delta R \leq \pm(5\%R + 0.1 \text{ ohms})$, IR ≥ 100 megohms)
Rotation life.....200 Cycles
($\Delta R \leq \pm(5\%R + 0.1 \text{ ohms})$,
CRV $\leq 3\%$ R or 3ohms)

PHYSICAL CHARACTERISTICS

Total Travel.....22 $\pm$ 5 turns
Starting Torque..... 35mN.m Max.
Terminals.....Solderable pins
Marking.....Resistance Code
Tolerance
Products Model & Style
Trademark
Standard Packaging.....20 PCS. Per tube
100 PCS. Per bag

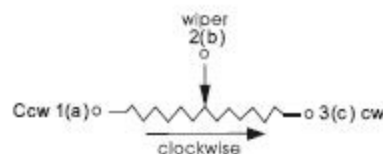
PRODUCT DIMENSIONS mm



Tolerance is ± 0.25 , If no identification

HOW TO ORDER

Model **3006**
Style **P**
Resistance Code **103**
Tolerance **K**



STANDARD RESISTANCE TABLE

Resistance (ohms)	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
2,200,000	225

Popular values listed in the table,
Special resistance available.