

POTENTIOMETERS

3296 CERMET TRIMMING POTENTIOMETER

FEATURES

- Multiturn / Cermet/ Industrial&MIL / Sealed
- 5 Terminal Styles
- Tube and Bag packaging available
- High-Rel style 3296K GJB3015-97(MIL-R-39035)

ELECTRICAL CHARACTERISTICS

Standard Resistance Range
100 ohms to 1 megohms
 Resistance Tolerance..... $\pm 10\%$ Std.
 Absolute Minimum Resistance
 1%R or 2 ohms Max.
 Contact Resistance Variation
 1%R or 3 ohms Max.
 Insulation Resistance..... 100 Vdc
 1,000 megohms Min.
 Withstanding Voltage
640 Vdc or ac sea level
 Effective Travel.....>70% total travel

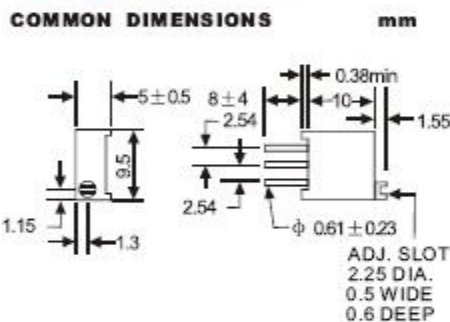
ENVIRONMENTAL CHARACTERISTICS

Power Rating(315 Volts Max.)
 70°C.....0.5Watt
 125°C.....0Watt
 Temperature Range
-55°C to +125°C
 Temperature Coefficient.....250ppm/°C
 Load Life
1,000 hours 0.5Watt at 70°C
 (CRV $\leq 3\%$ R or 5ohms)
 Humidity.....96 hours
 ($\Delta R \leq \pm(10\%R + 0.5 \text{ ohms})$, IR ≥ 100 megohms)
 Rotation life.....200 Cycles
 ($\Delta R \leq \pm(10\%R + 0.5 \text{ ohms})$,
 CRV $\leq 3\%$ R or 5ohms)

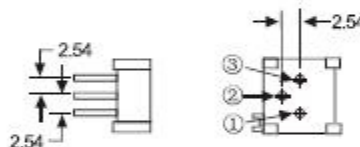
PHYSICAL CHARACTERISTICS

Total Travel..... 28 ± 2 turns
 Starting Torque.....35mN.m Max.
 Terminals.....Solderable pins
 Marking.....Resistance Code
 Tolerance
 Products Model & Style
 Trademark
 Standard Packaging.....50 PCS. Per tube
 50 PCS. Per bag

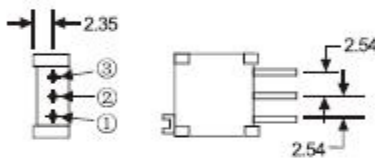
PRODUCT DIMENSIONS



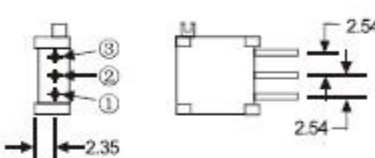
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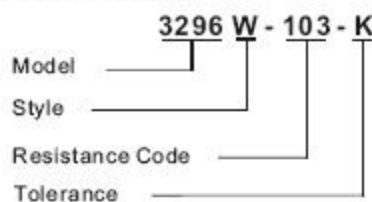
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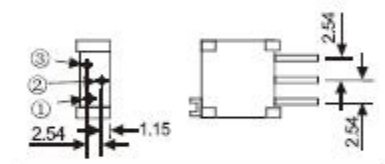
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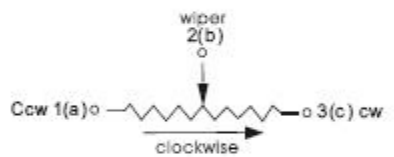
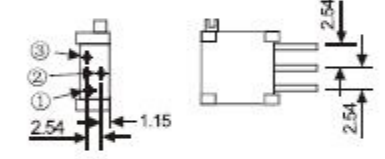
HOW TO ORDER



3296Y



3296Z



STANDARD RESISTANCE TABLE

Resistance (ohms)	Resistance Code
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

Popular values listed in the table,
 Special resistance available.