



POTENTIOMETERS

TC163(3266) CERMET TRIMMING POTENTIOMETER

FEATURES

- Multiturn / Cermet/ Industrial&MIL / Sealed
- 3 Terminal Styles
- Bag packaging available
- 3 Terminal Styles

ELECTRICAL CHARACTERISTICS

Standard Resistance Range
 10 ohms to 2 megohms
 Resistance Tolerance..... $\pm 10\%$ Std.
 Absolute Minimum Resistance
 2%R or 2 ohms Max.
 Contact Resistance Variation
 3%R or 10 ohms Max.
 Insulation Resistance..... 500 Vdc
 1,000 megohms Min.
 Withstanding Voltage
 600 Vdc or ac sea level
 Effective Travel..... 11 ± 1 turns nom.

ENVIRONMENTAL CHARACTERISTICS

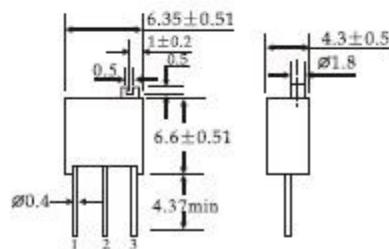
Power Rating(300 Volts Max.)
 70°C..... 0.25Watt
 125°C..... 0Watt
 Temperature Range
 -55°C to +125°C
 Temperature Coefficient..... 150ppm/°C
 Load Life
 1,000 hours 0.25Watt at 70°C
 ($\Delta R \leq \pm 5\%R$, $\Delta(U_{ab}/U_{ac}) \leq \pm 3\%$)
 Humidity..... 72 hours
 ($\Delta R \leq \pm 5\%R$, $IR \geq 100$ megohms)
 Rotation life..... 200 Cycles
 ($\Delta R \leq \pm 5\%R$)

PHYSICAL CHARACTERISTICS

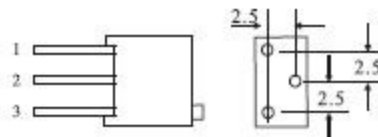
Starting Torque..... 21mN.m Max.
 Marking..... Resistance Code
 Tolerance
 Products Model & Style
 Trademark
 Standard Packaging..... 100 PCS. Per bag

PRODUCT DIMENSIONS

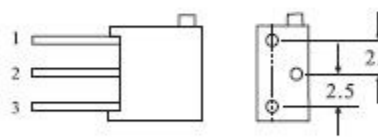
COMMON DIMENSIONS mm



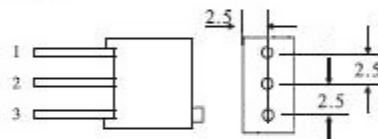
TC163W



TC163X

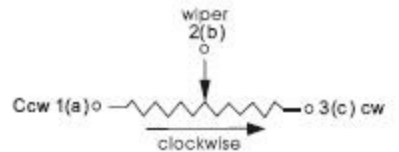
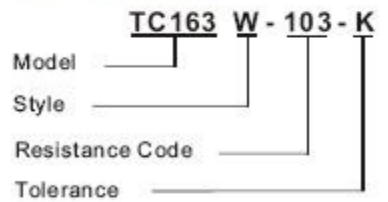


TC163Y



Tolerance is ± 0.25 , If no identification

HOW TO ORDER



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

Popular values listed in the table,
 Special resistance available.