



**O/E/N**  
SERIES

**44**

# MINIATURE MULTITURN CERMET TRIMMERS

3/8" Square Multiturn Cermet Trimpots with 25 turns and rated for 0.5 watts at 70°C. Manufactured with the technical assistance of Bourns Inc., USA, these trimpots maintain international levels of quality and reliability.

## SPECIFICATIONS

### ELECTRICAL

Standard Resistance Range	: 100 to 1 megohms (see standard resistance table)
Resistance Tolerance	: $\pm 10\%$
End Resistance	: 2% or 2 ohms max (whichever is greater)
Contact Resistance Variation	: 3% or 3 ohms (whichever is greater)
Resolution	: Infinite
Insulation Resistance at 500 vdc.	: 1,000 megohms min
Dielectric Strength Sea level	: 900 vac @ 25° C

### MECHANICAL

Torque	: 216 gm - cm max
Mechanical Stops	: Wiper idles
Terminals	: Solderable pins
Effective Travel	: 25 turns nom
Rotational Life	: 200 cycles

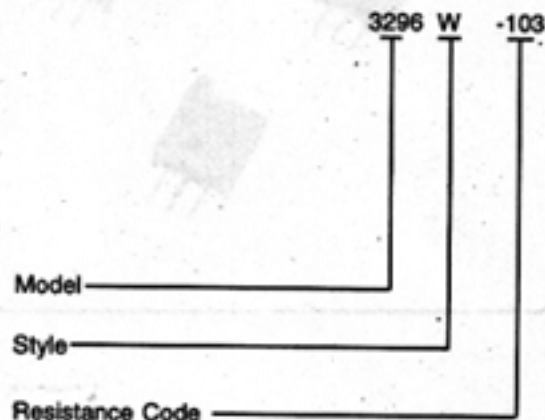
### ENVIRONMENTAL

Power Rating (300 V max)	
70° C	: 0.5 watt
125° C	: 0 watt
Temperature Range	: -55°C to + 125°C
Temperature Coefficient	: $\pm 100$ ppm /°C max
Humidity	: MIL-STD-202 method 103, 96 hours (2% $\Delta$ TR 10 megohms IR)
Vibration	: 20G 10 to 2000 Hz
Shock	: 100G
Load Life	: 1,000 hours 0.5 watt @ 70°C

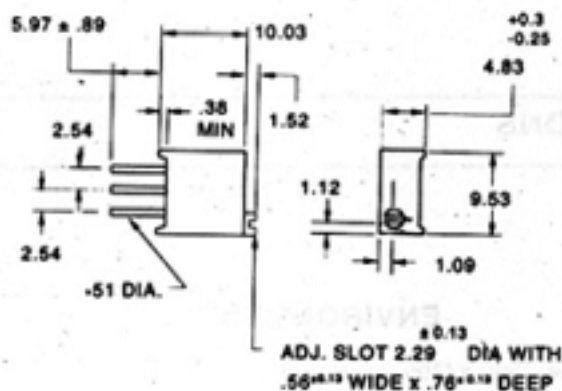
# STANDARD RESISTANCE TABLE

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
25,000	253
50,000	503
100,000	104
200,000	204
250,000	254
500,000	504
1,000,000	105

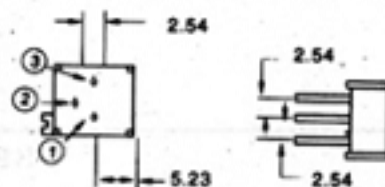
# HOW TO ORDER



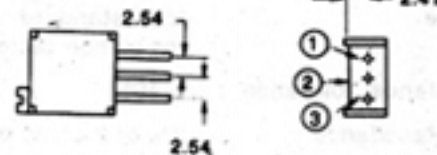
## COMMON DIMENSIONS



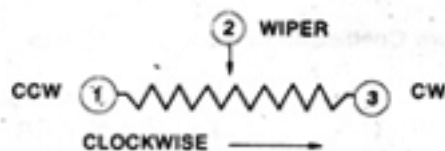
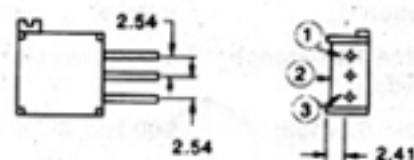
## 3296P



## 3296W



## 3296X



General Tolerance ± 0.25 mm

ALL DIMENSIONS ARE IN MM