

# 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

Range

Standard Resistance : 100 to 1 megohms

(see standard

resistance table)

Resistance Tolerance :

± 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 :

1,000 megohms min

at 500 vdc.

Dielectric Strength

900 vac @ 25° C

Sea level

#### 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 : ±100 ppm /°C max

Humidity

: MIL-STD-202 method 103.

96 hours (2% Δ TR 10 megohms IR)

Vibration

: 20G 10 to 2000 H,

Shock

: 100G

Load Life

: 1,000 hours 0.5 watt

@ 70°C

#### STANDARD RESISTANCE TABLE **HOW TO ORDER** Resistance Resistance (ohms) Code 100 101 200 201 500 501 1,000 102 2,000 202 5,000 502 10,000 103 20,000 203 Model 25,000 253 50,000 503 Style 100,000 104 200,000 204 Resistance Code 250,000 254 500,000 504 1,000,000 105 3296P COMMON DIMENSIONS +0.3 5.97 ± .89 10.03 -0.25 4.83 .38 MIN 1.52 3296W 2.54 -51 DIA. ADJ. SLOT 2.29 DÌA WITH .56\*\*\* WIDE x .76\*\*\* DEEP 2.54 3296X CCW CLOCKWISE 2.54

ALL DIMENSIONS ARE IN MM

General Tolerance ± 0.25 mm