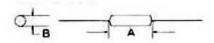


JIN ZON ENTERPRISE CO., LTD.

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TX106 .2W Wire Wound High Precision Axial Resistor



TX106

Electrical & Physical Specifications:

A-Length: 13.21mm (.520")

B-Diameter: 3.30mm (.130")

Lead Dimensions: .025" dia. X 1.500" long

Max Watts @ 1% Tol: .2

Max Volts @ 1% Tol.: 200

Temperature Range: -55°C, to +85°C

Resistance (Ω): .1 Min. to 280K Max.



TX Series Engineering Attributes:

RESISTANCE & TOLERANCES

You can select any Ohmic value from .01 Ω to 6M Ω (MegaOhm or MEG) with tolerances to \pm .05%. For closer resistance tolerances refer to the Ultra Precision HR Series

TCR CHARACTERISTIC

Standard: 0±10ppm/°C. for 100Ω & higher.

Standard: 0±15ppm/°C. for values below 100Ω

*TCR is calculated between +25°C, & +100°C.

-For lower specific TCRs to ±1ppm/°C., please refer to the Ultra Precision HR Series to satisfy your specifications.

-For higher TCRs to ±6000ppm/°C., please refer to the Compensator Series to satisfy your specifications.



All TX resistors are designed for full load based upon $\pm 1\%$ resistance tolerance providing the ambient temp (+) the rise in temp, due to self-heating, does not exceed $+85^{\circ}$ C. Refer to derating table below.

STABILITY VS. TIME

To $\pm .005\%/yr$, @ 25°C, with no load.

REDUCTION OF THERMAL EMF USING COPPER TERMINALS:

Less than ±3 microvolts/°C, emitted,

PROTECTIVE SEAL

Commercial plastic conforming coating.

MARKING (Identification)

PRC stamp, part type & name, Ω value & tolerance, physical size permitting.

INDUCTANCE

Std. TX resistors are inductively wound. Non-inductive windings are available, add suffix letter "N" in the part name.

*Please specify the ambient temperature span of your operation when placing your order.

Type TX Derating Table:*

For ±1% resistance tolerance apply up to 100% of rated power to +85 Degrees Celsius.

For ±½% (0.5%) resistance tolerance apply up to 75% of rated power to +85 Degrees Celsius.

For ±4% (0.25%) resistance tolerance apply up to 50% of rated power to +85 Degrees Celsius.

For ±1/10% (0.1%) resistance tolerance apply up to 50% of rated power to +85 Degrees Celsius.

For ±1/20% (0.05%) resistance tolerance apply up to 35% of rated power to +85 Degrees Celsius.

Details

 SKU
 TX106

 Type
 Axial-Lead

 Length
 13.21mm (,520")

 Lead Dimensions
 .025" dia, X 1,500" long

 Diameter
 3.30mm (.130")

TCR Char. to 0±10ppm/°C. (between +25°C. and +100°C.)
Temperature -55°C. to +85°C

Temperature -55 °C, to +85 °C Resistance 1Ω to 280 K Ω Tolerance to $\pm .05$ %

Stability to \pm ,005%/yr, at \pm 25°C

Max Watts.2Max Volts200Lead FreeYes

^{*} Percent of Rated Power vs. Combined Temp. of Self- Heating and Ambient (in °C.).