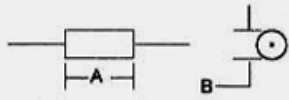


TYPE PT



PT094-35 (axial) body dimensions:

A) Length: 10.03mm (.395")

B) Width: 3.18mm (.125")

Lead dimensions: 0.025" x 1.500" long (min.)

PT094-35 Electrical and Physical Specifications:

Resistance value: 1K Ω @ 25°C

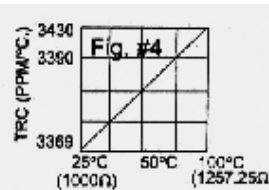
Tolerances: to $\pm 0.05\%$

Temperature: from -65°C to +150°C

Stability (no load): to $\leq \pm 0.01\%$ per year @ 25°C

Max Watts: 0.1W

RES/TEMP CURVE & EQUATION



e.g. 1000 Ω at 25° is 1257.25 Ω at +100 °C.

$$TCR = \frac{R@100^{\circ}C. - R@25^{\circ}C.}{R@25^{\circ}C. \times 75} \times 10^6$$

$$TCR = \frac{1257.25 - 1000}{1000 \times 75} \times 10^6$$

$$TCR = \frac{257.25}{75000} \times 10^6$$

$$TCR = +3430 \text{ PPM/}^{\circ}C. \text{ OR } 3.43\% / ^{\circ}C.$$

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