查询T16L08供应商 Models T16L08 and T16LR8

Vishay Techno

Dual-In-Line, 8 Bit

R/2R Ladder Networks



APPLICATIONS

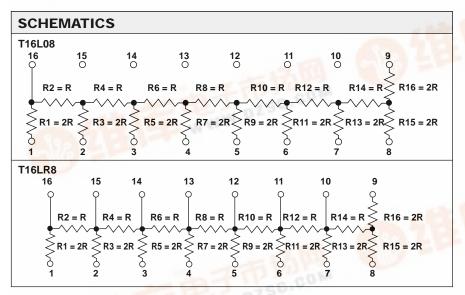
8 Bit, R/2R Ladder networks for D/A and A/D converter with bi-polar or CMOS switches.

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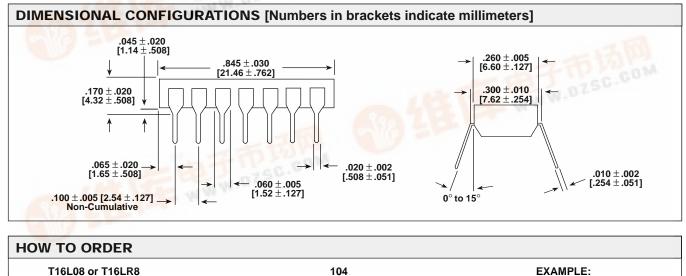
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ELECTRICAL SPECIFICATIONS

Ladder Network Accuracy: $\pm 1/2$ LSB from 0°C to + 70°C. Ladder Network Resistance Tolerance: $\pm 2\%$. Temperature Coefficient of Resistance: ± 100 PPM/°C. Operating Temperature Range: 0°C to + 70°C. Power Dissipation Rating at + 70°C Ambient: 50mW for individual resistor and 1.8 watts total package rating. Standard Resistance Values (R): 25 kilohms, 50 kilohms, 100 kilohms.



RATIO MATCH TOLERANCE R1/R2 = $2 \pm 1\%$. R1/R3 = $1 \pm 1\%$. R1/R4 = $2 \pm 1\%$. R1/R5 = $1 \pm 1\%$. R1/R6 = $2 \pm 1\%$. R1/R7 = $1 \pm 1\%$. R1/R7 = $1 \pm 1\%$. R1/R8 = $2 \pm 1\%$. R9/R10 = $2 \pm 0.5\%$. R11/R12 = $2 \pm 0.4\%$. R15/R13 = $1 \pm 0.2\%$. R15/R14 = $2 \pm 0.2\%$.



MODEL

RESISTANCE VALUE (Ohms)

EXAMPLE: 104 = R = 100 kilohms. **REFERENCE:** 2R = 200 kilohms.

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