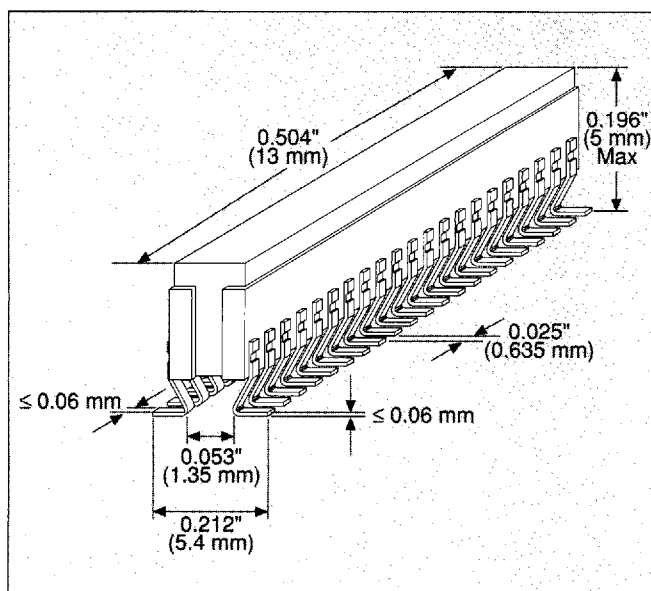




## Custom, 25 Mil Pitch, Double Upright Style Resistor Network



A 42 lead double upright style resistor network featuring 25 mil lead spacing with up to 40 resistors, provides area reduction with improved performance. Construction is ideally suited for low inductance high frequency applications.

### Features

- ▲ Gold-to-gold terminations. External leads are attached directly to gold pads on a ceramic substrate by thermo-compression bonding (no internal solder).
- ▲ Ultra stable thin film resistor elements

▼ Table 28 Typical Performance Characteristics

Resistance Range	50 ohms to 100K ohms
Absolute Tolerance	1.0% to 0.1%
Ratio Tolerance	0.5% to 0.1%
Absolute TCR	$\pm 50$ ppm/ $^{\circ}$ C to $\pm 25$ ppm/ $^{\circ}$ C
TCR Tracking	$\pm 5$ ppm/ $^{\circ}$ C (typ. < 2 ppm/ $^{\circ}$ C equal values)
Temp Range Operating	-55 to +125 $^{\circ}$ C
Temp Range Storage	-55 to +125 $^{\circ}$ C
Low Voltage Coefficient	< 0.02 ppm/V
Low Noise	< -35 dB
Low Thermal EMF	< 0.10 $\mu$ V/ $^{\circ}$ C
Shelf Stability	< 100 ppm/yr abs.; < 20 ppm/yr ratio max.
Power Rating	50 mW / element typ. at +25 $^{\circ}$ C / 0.9 W / package

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