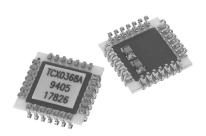
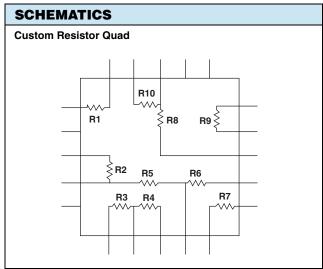
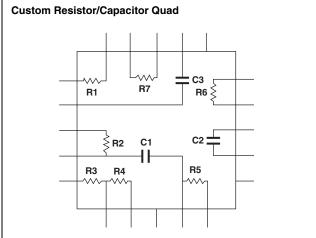
Vishay Techno

Custom Thick Film Networks, Quadpack, Surface Mount







RESISTOR SPECIFICATIONS

Resistance Range: 10 Ω to 10 M $\Omega,$ other values available on request

Resistance Tolerance: $F = \pm 1 \%$, $G = \pm 2 \%$, $J = \pm 5 \%$ standard, tighter tolerances available

Temperature Coefficient: (- 55 °C to + 125 °C) ± 100 ppm/°C standard, ± 50 ppm/°C available

Maximum Working Voltage: 50 V_{DC} maximum. Higher voltage available on request

FEATURES

- · Thick film resistive elements
- NP0 or X7R capacitors for line terminator
- R, C, D multicomponent network
- Wide operating temperature range, 55 °C to + 125 °C
- TCR tracking = ± 50 ppm/°C
- Surface mount "J" leads or gull wing leads
- Custom resistor, capacitor and diode network combinations

CAPACITOR SPECIFICATIONS

Model: NP0 or X7R **Size:** 0805 to 1210

NP0 Capacitance Range Standard: 1 pF to 0.56 μF, other

values available

X7R Capacitance Range: 330 pF to 0.027 μ F, other values

available

NP0 capacitors may be substituted for X7R capacitors

Tolerance: NP0 = J \pm 5 %. K \pm 10 % standard

 $X7R = K \pm 10 \%$, M $\pm 20 \%$ standard, tighter tolerances

available

Voltage Rating: 50 V_{DC}, higher voltage available on request

MECHANICAL SPECIFICATIONS

Lead: "J" lead/gull wing available.

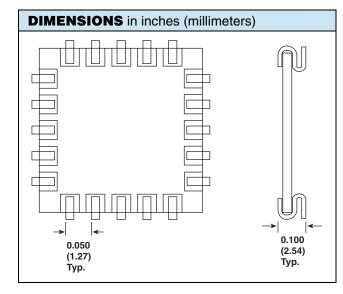
Standard Ceramic Size: 0.5" (12.7 mm) x 0.5" (12.7 mm),

0.75" (19.05 mm) x .75" (19.05 mm), 1.0" (25.4 mm) x 1.0" (25.4 mm), 1.25" (31.75 mm) x 1.25" (31.75 mm),

1.5" (38.1 mm) x 1.5" (38.1 mm)

Note

• Parts will be covered with polymer, glass or ceramic lid



ORDERING INFORMATION

· For custom product information contact factory



Legal Disclaimer Notice

Vishay

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