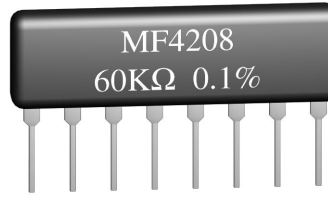


FEATURES

- Resistances from 100Ohm to 100kOhms
- Power Rating 0.1Watts per Resistor
- Resistance Tolerances to $\pm 0.1\%$
- Matched Tolerances to $\pm 0.05\%$
- Temperature Coefficients to $\pm 5\text{ppm/K}$
- Very Low Noise and Inductance



RoHS*
COMPLIANT

TABLE 1 – SPECIFICATIONS

TYPE		MF4200
Resistance Range		100 Ohm to 100kOhms
Resistance Ratio		500X Between Highest and Lowest Value
Power Rating	Free air 40°C	0.1W per Resistor / 1W total Package
Tolerances		$\pm 0.1\%$ to $\pm 1\%$
Tolerance Matching		to $\pm 0.05\%$
Temperature Coefficient		$\pm 5\text{ppm/K}$ to $\pm 25\text{ppm/K}$
TCR Matching		to $\pm 3\text{ppm/K}$
Insulation Resistance		>10000 MOhms
Operating Temperature Range		-25°C to +125°C
Terminals		3 to 16 Pins

FIGURE 1 – CIRCUIT DESIGN

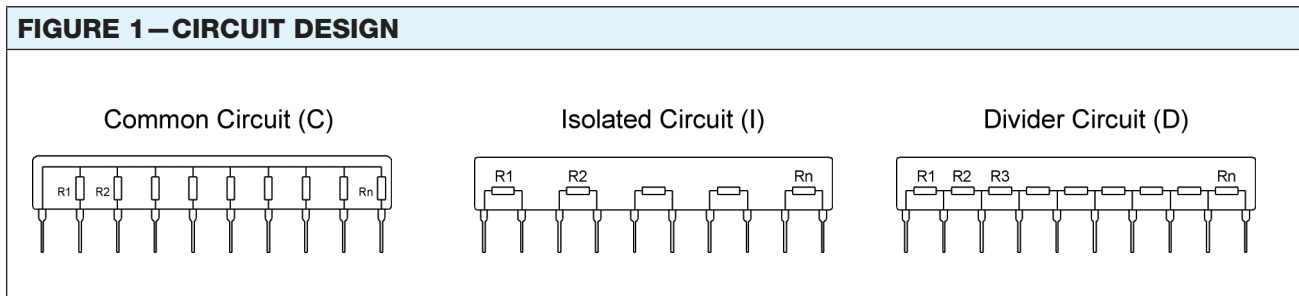
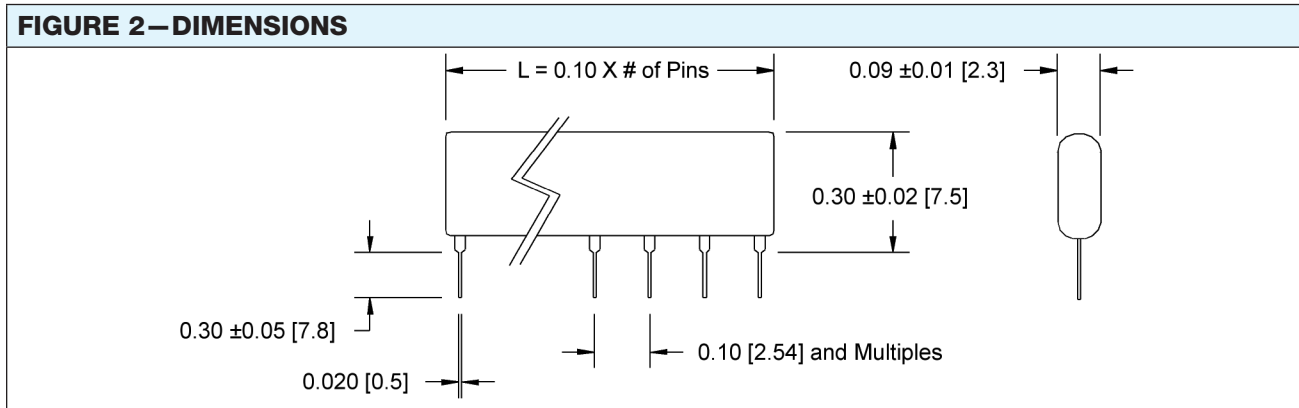


FIGURE 2 – DIMENSIONS



ORDERING INFORMATION

MF42 (# of Pins) (Circuit Type I / C / D) - Resistance - Tolerance - TCR

MF4208C 22 kOhm 0.5% 15ppm



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