

Resistor/Capacitor Networks, Molded SIP



ELECTRICAL SPECIFICATIONS - RESISTORS

Resistance Range: 50 ohms to 1 kilohm. Others available.

Resistance Tolerance: $\pm 2\%$, $\pm 5\%$ standard.
 $\pm 1\%$ available.

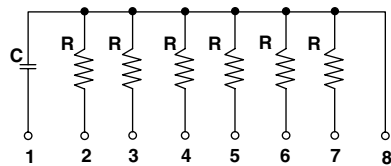
Temperature Coefficient of Resistance: ± 150 ppm/ $^{\circ}\text{C}$.

Operating Temperature Range: -55°C to $+125^{\circ}\text{C}$.

Operating Voltage: 50 VDC maximum. Higher voltage available.

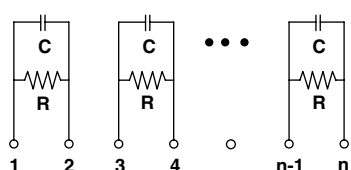
SCHEMATICS

SCHEMATIC 10

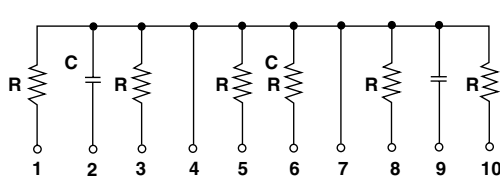


10K ECL terminator network

SCHEMATIC 20



SCHEMATIC 30



100K ECL terminator network

NOTE: Custom schematics available.

FEATURES

- Custom schematics available.
- NPO or X7R capacitors for line terminator.
- Wide operating temperature range.
- Molded epoxy case.
- Solder coated copper terminals.
- Solderability per MIL-STD-202 method 208E.
- Marking resistance to solvents per MIL-STD-202 method 215.

ELECTRICAL SPECIFICATIONS - CAPACITORS

Type: NPO or X7R.

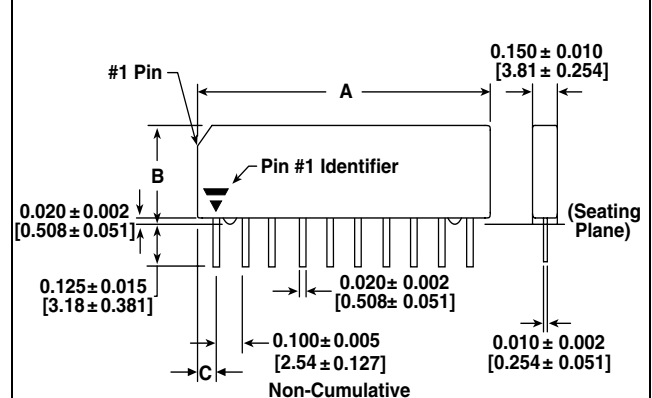
NPO Capacitance Range Standard: 33 pF - 3900 pF, other values available.

X7R Capacitance Range: 470 pF - 0.1 μF , other values available.

Tolerance: NPO Type = $\pm 10\%$, $\pm 20\%$.
X7R Type = $\pm 10\%$, $\pm 20\%$. Tighter tolerance available.
Consult factory at +1-909-923-3313.

Voltage Rating: 50 VDC. Higher voltage available.

DIMENSIONS in inches [millimeters]



NUMBER OF PINS	A ± 0.010 [0.254]	B ± 0.010 [0.254]	C ± 0.010 [0.254]
8	0.780 [19.81]	0.345 [8.26]	0.040 [1.02]
10	1.040 [26.42]	0.346 [8.79]	0.075 [1.91]

ORDERING INFORMATION

MRCN	XX	XX	XXX	X	XXX	X	e3
MODEL	NUMBER OF PINS	SCHEMATIC	RESISTANCE VALUE (Ohms)	RESISTANCE TOLERANCE	CAPACITANCE VALUE (pF)	CAPACITANCE TOLERANCE*	LEAD TERMINATION
			First two digits are significant, third digit signifies number of zeros to follow.	F = $\pm 1\%$ G = $\pm 2\%$ J = $\pm 5\%$	First two digits are significant, third digit signifies number of zeros to follow.	K = $\pm 10\%$ M = $\pm 20\%$	e3 = SnAg 95/5

*Tighter tolerance available.



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