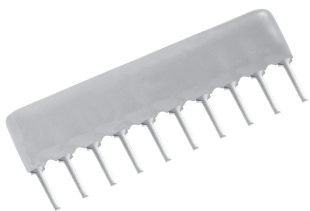


Capacitor Networks, Coated SIP



ELECTRICAL SPECIFICATIONS

Type: NPO or X7R.

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

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

Tolerance: NPO Type = $\pm 10\%$, $\pm 20\%$.

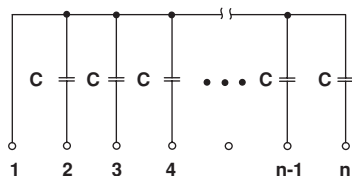
X7R Type = $\pm 10\%$, $\pm 20\%$. Tighter tolerance available.

Voltage Rating: 50 VDC. Higher voltage available.

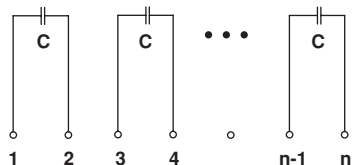
Operating Temperature Range: - 55°C to + 125°C.

SCHEMATICS

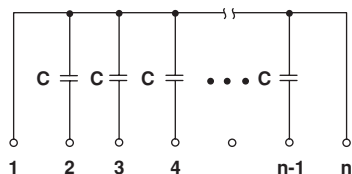
SCHEMATIC 01



SCHEMATIC 02



SCHEMATIC 09

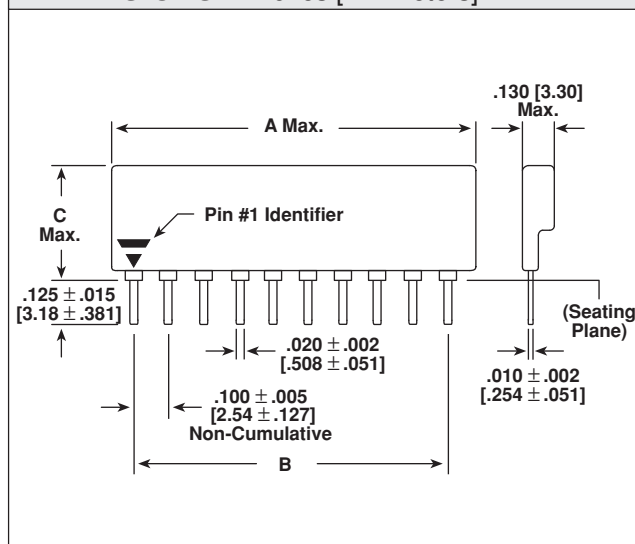


NOTE: Custom schematics available.

FEATURES

- NPO or X7R capacitors for line terminator.
- Wide operating temperature range.
- Epoxy based conformal coating.
- Tin/plated phosphor bronze terminals.
- Solderability per MIL-STD-202 method 208E.
- Marking resistance to solvents per MIL-STD-202 method 215.

DIMENSIONS in inches [millimeters]



NUMBER OF PINS	A (Max.)	B ± 0.005 [.127]	C (Max.)
6	0.590 [14.99]	0.500 [12.70]	0.350 [8.89]
7	0.690 [17.53]	0.600 [15.24]	0.350 [8.89]
8	0.790 [20.07]	0.700 [17.78]	0.350 [8.89]
9	0.890 [22.61]	0.800 [20.32]	0.350 [8.89]
10	0.990 [25.15]	0.900 [22.86]	0.350 [8.89]
11	1.09 [27.69]	1.00 [25.40]	0.350 [8.89]
12	1.19 [30.23]	1.10 [27.94]	0.350 [8.89]

ORDERING INFORMATION

TCN MODEL	XX NUMBER OF PINS	XX SCHEMATIC	XXX CAPACITANCE VALUE (pF)	X CAPACITANCE TOLERANCE*
			First two digits are significant, third digit signifies number of zeros to follow.	K = $\pm 10\%$ M = $\pm 20\%$
*Tighter tolerance available.				