

## 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 = ± 10%, ± 20%.  
X7R Type = ± 10%, ± 20%. Tighter tolerance available.

**Voltage Rating:** 50 VDC. Higher voltage available.

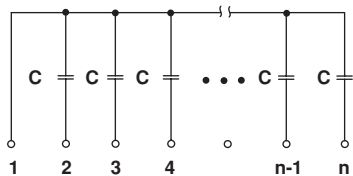
**Operating Temperature Range:** - 55°C to + 125°C.

### FEATURES

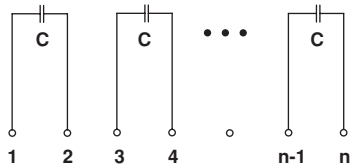
- NPO or X7R capacitors for line terminator.
- Wide operating temperature range.
- Epoxy based conformal coating.
- Tin/plated phosphor bronze terminals.
- Solderability per MIL-STD-202 method 208E.
- Marking resistance to solvents per MIL-STD-202 method 215.

### SCHEMATICS

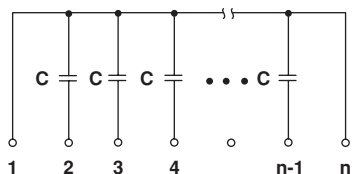
SCHEMATIC 01



SCHEMATIC 02

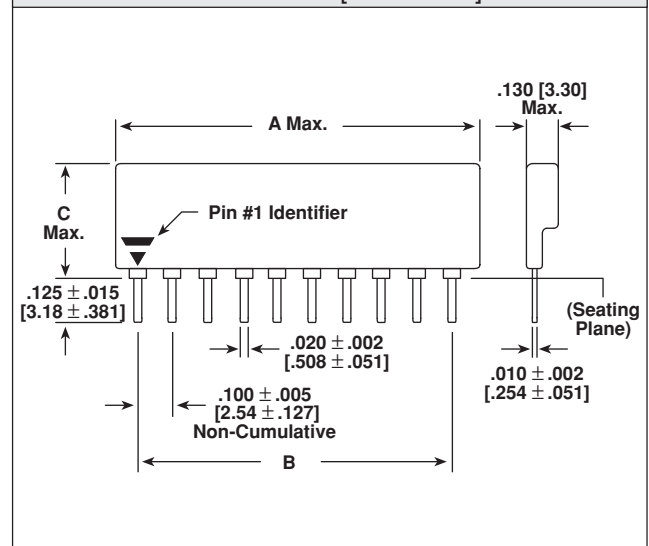


SCHEMATIC 09



NOTE: Custom schematics available.

### 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 = ± 10% M = ± 20%

\*Tighter tolerance available.