

Thick Film Capacitor Networks, Single-In-Line, Molded SIP



FEATURES

- Isolated and bussed schematics available
- Custom schematics available
- NP0 or X7R capacitors for line terminator
- Wide operating temperature range (- 55 °C to 125 °C)
- Molded epoxy case
- Solder coated copper terminals
- Solderability per MIL-STD-202 method 208E
- Marking resistance to solvents per MIL-STD-202 method 215
- Compliant to RoHS Directive 2002/95/EC


RoHS*
COMPLIANT

STANDARD ELECTRICAL SPECIFICATIONS

MODEL	SCHEMATIC	CAPACITANCE RANGE		CAPACITANCE TOLERANCE (2) ± %	CAPACITANCE VOLTAGE V _{DC}
		NP0 (1)	X7R		
MCN	01	33 pF to 3900 pF	470 pF to 0.1 μF	10, 20	50
	02	33 pF to 3900 pF	470 pF to 0.1 μF	10, 20	50
	09	33 pF to 3900 pF	470 pF to 0.1 μF	10, 20	50

Notes

(1) NP0 capacitors may be substituted for X7R capacitors

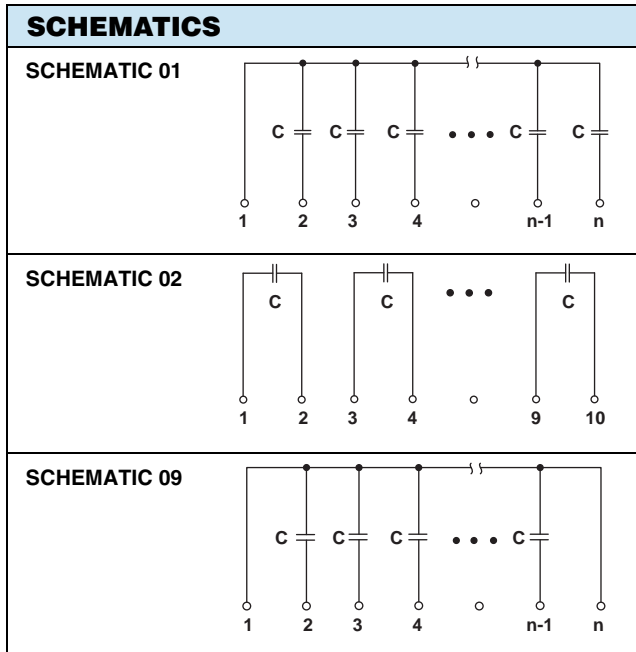
(2) Tighter tolerances available on request

GLOBAL PART NUMBER INFORMATION

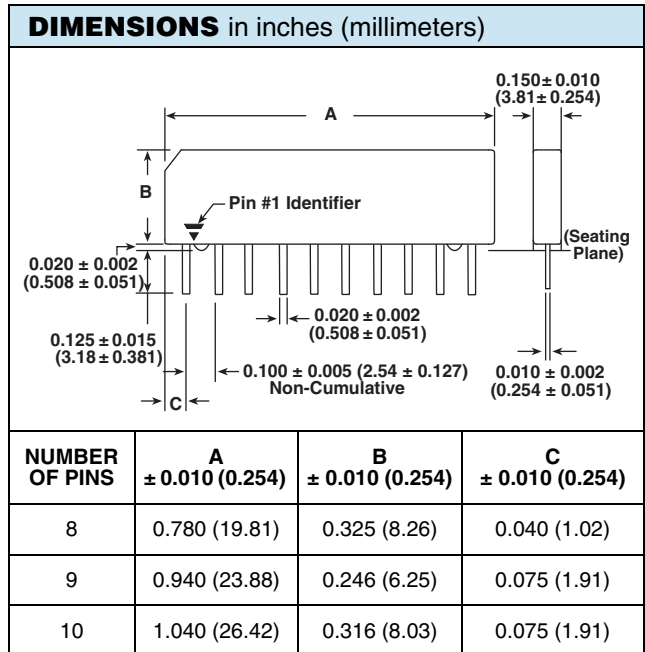
New Global Part Numbering: MCN0801N101KTB (preferred part number format)

M	C	N	0	8	0	1	N	1	0	1	K	T	B
GLOBAL MODEL	PIN COUNT	SCHEMATIC	CHARACTERISTICS	CAPACITANCE VALUE	TOLERANCE	TERMINAL FINISH	PACKAGING						
MCN	08 = 8 pin 09 = 9 pin 10 = 10 pin	01 02 09	N = NP0 X = X7R	(in picofarads) 2 digit significant figure, followed by a multiplier 101 = 100 pF 392 = 3000 pF 104 = 0.1 μF	K = 10 % M = 20 %	T = Sn90/Pb10 C = Sn95.5/Ag3.9/Cu0.6	B = Bulk						
Historical Part Numbering: MCN0801101KS10 (will continue to be accepted)													
MCN	08	01	101	K	S10								
HISTORICAL MODEL	PIN COUNT	SCHEMATIC	CAPACITANCE VALUE	TOLERANCE	TERMINAL FINISH								

*Pb containing terminations are not RoHS compliant, exemptions may apply



Note
• Custom schematics available





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