

Thick Film Resistor/Capacitor Networks, Single-In-Line, Conformal Coated SIP



FEATURES

- Isolated and bussed schematics available
- Thick film resistors
- NP0 or X7R capacitors for line terminator
- Wide operating temperature range (- 55 °C to 125 °C)
- Custom Resistor/Capacitor schematics available
- Material categorization: For definitions of compliance please see www.vishay.com/doc?99912



RoHS*
COMPLIANT
HALOGEN
FREE

Note

* Lead (Pb)-containing terminations are not RoHS-compliant. Exemptions may apply.

STANDARD ELECTRICAL SPECIFICATIONS									
MODEL	SCHEMATIC	RESISTOR CHARACTERISTICS				CAPACITOR CHARACTERISTICS			
		POWER RATING <i>P</i> _{70 °C} W	RESISTANCE RANGE Ω	RESISTANCE TOLERANCE ⁽¹⁾ ± %	TEMP. COEFF. ± ppm/°C	TYPE ⁽²⁾	CAPACITANCE RANGE	CAPACITANCE TOLERANCE ⁽³⁾ ± %	CAPACITANCE VOLTAGE V _{bc}
TRC	01	0.20	10 to 1M	1, 2, 5	150	NP0	33 pF to 3900 pF	10, 20	50
						X7R	470 pF to 0.1 μF	10, 20	
	02	0.20	10 to 1M	1, 2, 5	150	NP0	33 pF to 3900 pF	10, 20	50
						X7R	470 pF to 0.1 μF	10, 20	
	09	0.20	10 to 1M	1, 2, 5	150	NP0	33 pF to 3900 pF	10, 20	50
						X7R	470 pF to 0.1 μF	10, 20	

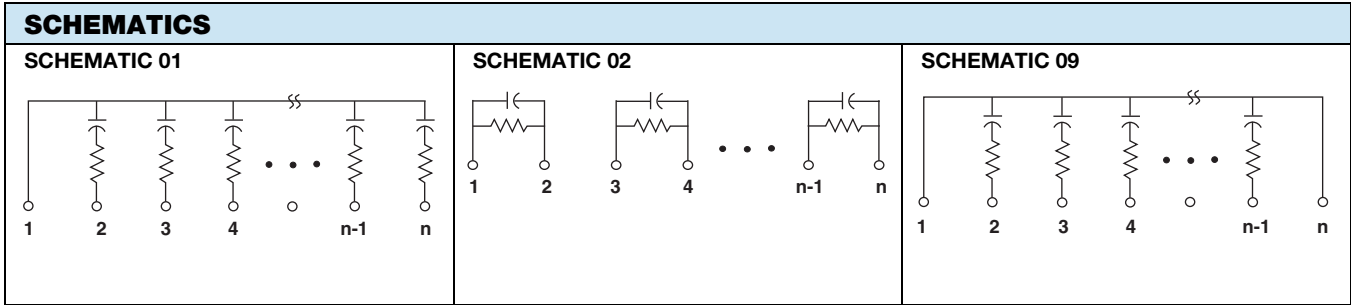
Notes

- (1) ± 2 % standard, ± 1 % and ± 5 % available
 (2) NP0 capacitors may be substituted for X7R capacitors
 (3) Tighter tolerances available on request

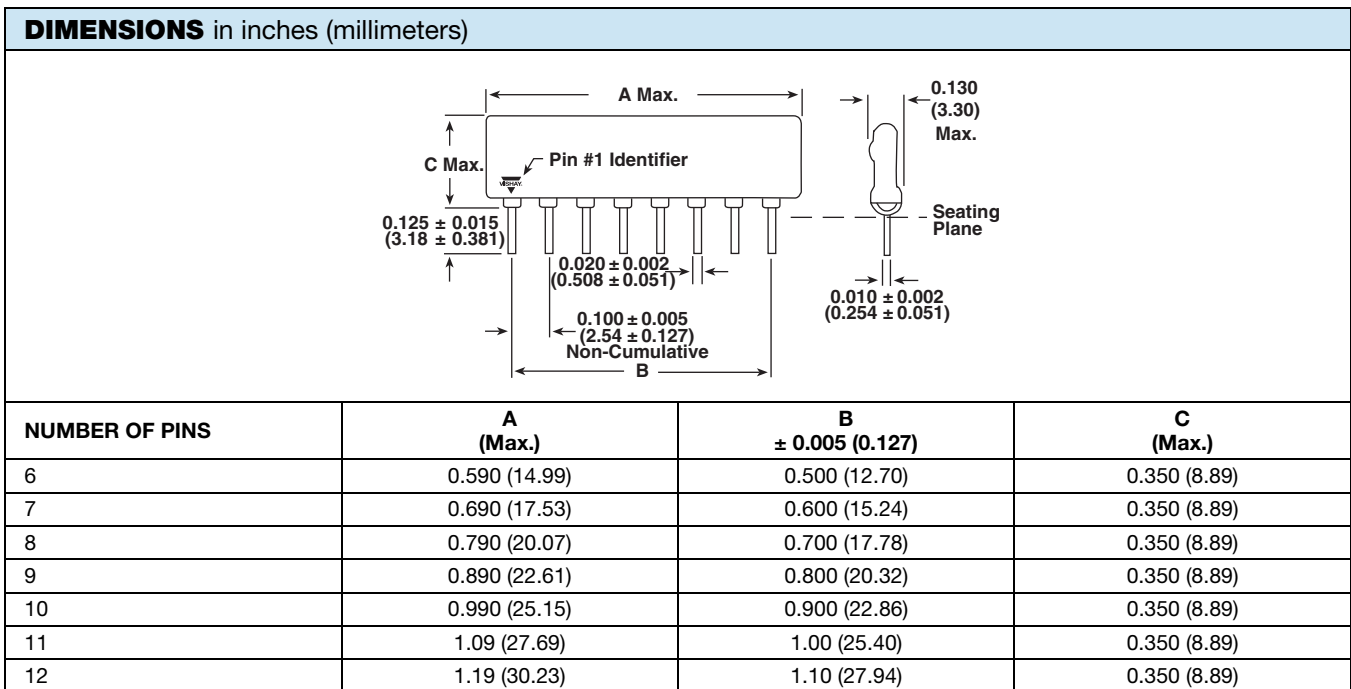
GLOBAL PART NUMBER INFORMATION																											
New Global Part Numbering: TRC0801N101J560KTB (preferred part number format)																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">T</td> <td style="padding: 2px;">R</td> <td style="padding: 2px;">C</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">8</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">N</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">J</td> <td style="padding: 2px;">5</td> <td style="padding: 2px;">6</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">K</td> <td style="padding: 2px;">T</td> <td style="padding: 2px;">B</td> </tr> </table>										T	R	C	0	8	0	1	N	1	0	1	J	5	6	0	K	T	B
T	R	C	0	8	0	1	N	1	0	1	J	5	6	0	K	T	B										
GLOBAL MODEL	PIN COUNT	SCHEMATIC	CHARACTERISTICS	RESISTANCE VALUE	RESISTANCE TOLERANCE	CAPACITANCE VALUE	CAPACITANCE TOLERANCE	TERMINAL FINISH	PACKAGING																		
TRC	06 to 12 pin available 06 = 6 pin 08 = 8 pin 12 = 12 pin	01 02 09	N = NP0 X = X7R	2 digit significant figure, followed by a multiplier 101 = 100 Ω 220 = 22 Ω 102 = 1 kΩ	F = 1 % G = 2 % J = 5 %	(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: TRC0801101J560KS10 (will continue to be accepted)																											
TRC	08	01	101	J	560	K	S10																				
HISTORICAL MODEL	PIN COUNT	SCHEMATIC	RESISTANCE VALUE	RESISTANCE TOLERANCE	CAPACITANCE VALUE	CAPACITANCE TOLERANCE	TERMINAL FINISH																				

Notes

- For additional information on packaging, refer to the Through-hole Network Packaging document (www.vishay.com/doc?31542).


Note

- Custom schematics available


Note

- Other sizes available



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