

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
- Compliant to RoHS directive 2002/95/EC
- Halogen-free according to IEC 61249-2-21 definition



RoHS*
COMPLIANT
HALOGEN
FREE

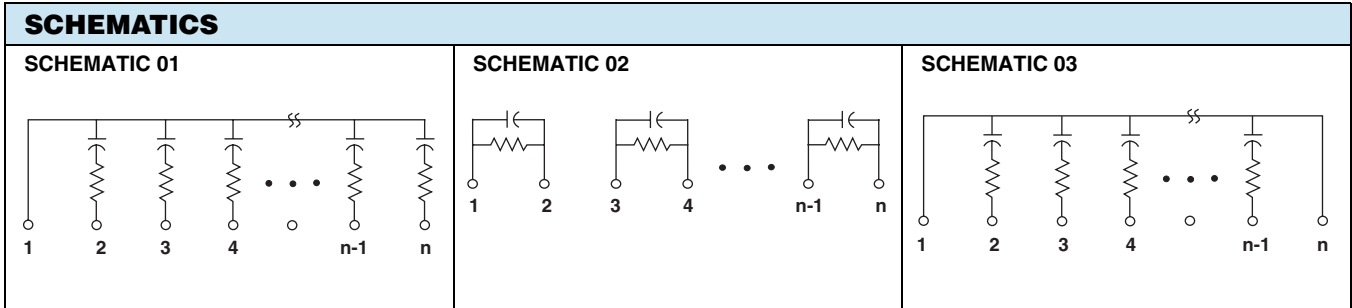
STANDARD ELECTRICAL SPECIFICATIONS									
MODEL	SCHEMATIC	RESISTOR CHARACTERISTICS				CAPACITOR CHARACTERISTICS			
		POWER RATING <i>P</i> _{70 °C W}	RESISTANCE Ω	RESISTANCE TOLERANCE (1) ± %	TEMP. COEFF. ± ppm/°C	TYPE (2)	CAPACITANCE RANGE	CAPACITANCE TOLERANCE (3) ± %	CAPACITANCE VOLTAGE V _{DC}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

Notes

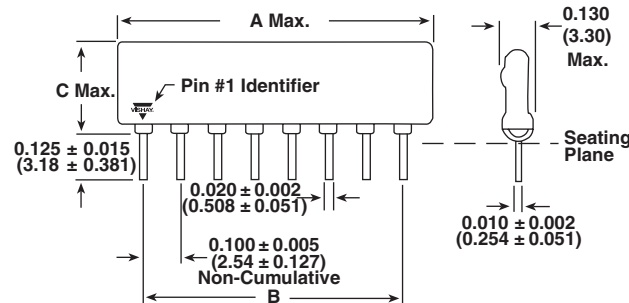
- (1) ± 2 % standard, ± 1 % and ± 5 % available
 (2) NP0 capacitors may be substituted for X7R capacitors
 (3) Tighter tolerances available on request

GLOBAL PART NUMBER INFORMATION																		
New Global Part Numbering: TRC0801N101J560KT B																		
T	R	C	0	8	0	1	N	1	0	1	J	5	6	0	K	T	B	
GLOBAL MODEL	PIN COUNT	SCHEMATIC	CHARACTERISTIC	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: TRC0801N101J560KS10 (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											

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


Note

- Custom schematics available

DIMENSIONS in inches (millimeters)


NUMBER OF PINS	A (Max.)	B ± 0.005 (0.127)	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)

Note

- Other sizes available



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