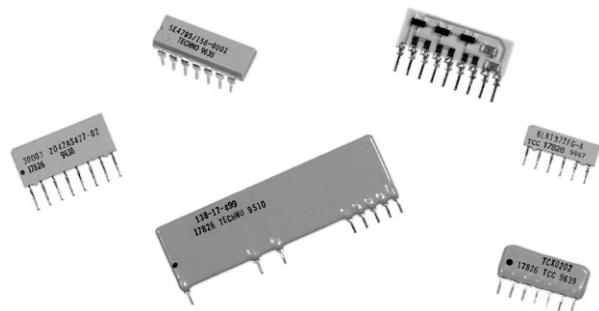


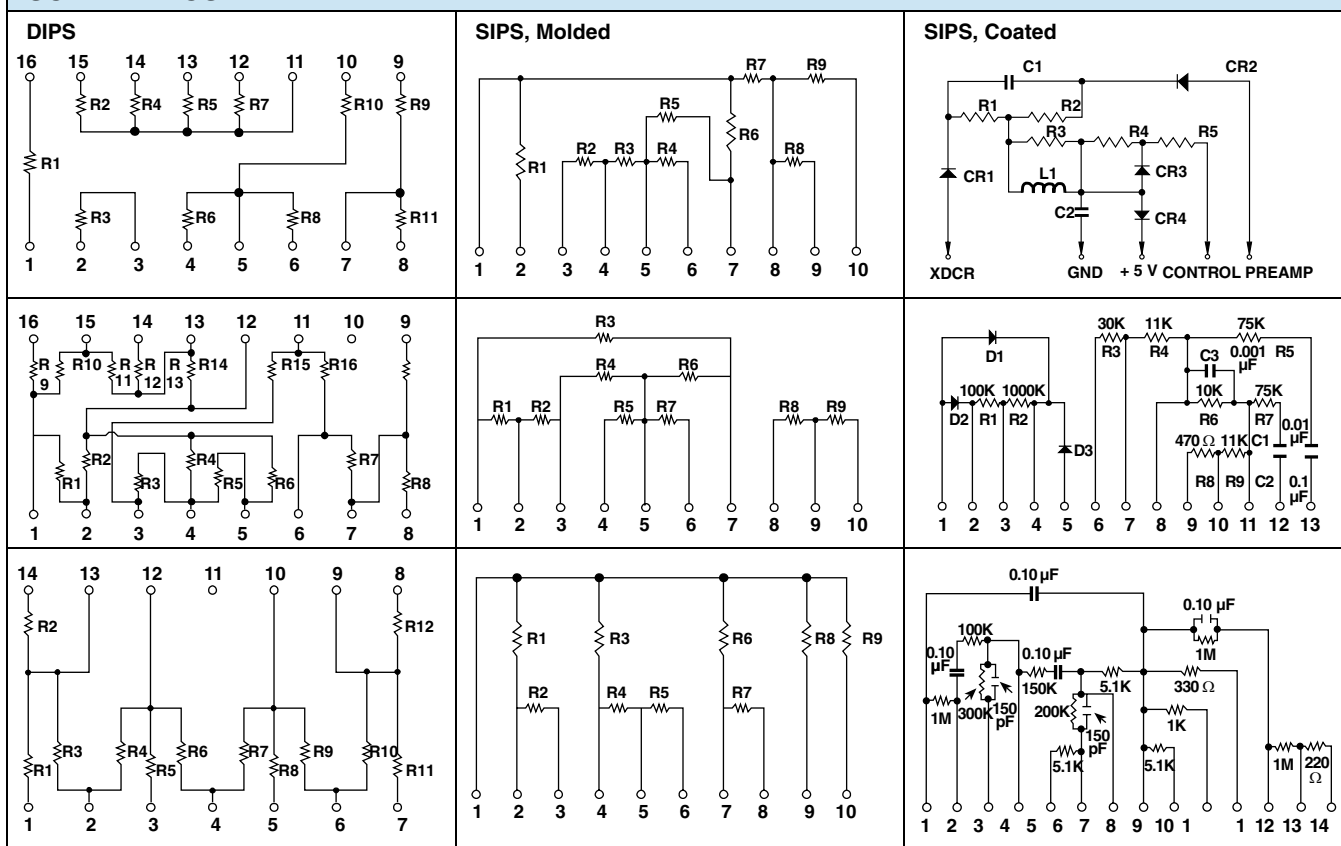
Custom Thick Film Resistor Networks, Single-In-Line (Molded or Conformal Coated SIPs) and Dual-In-Line (Molded DIPs)



FEATURES

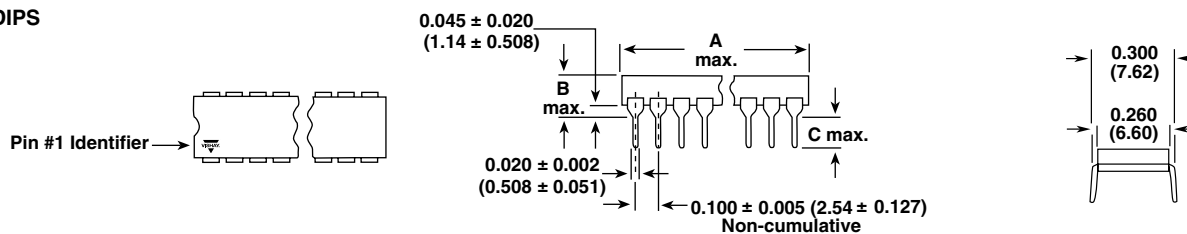
- Custom resistor, capacitor, diode and inductor network combinations
- R, C, L, D multicomponent networks
- Processed to MIL-PRF-83401
- Fast turnaround time
- Unlimited schematics possible
- Design through production
- High temperature solder joints
- Wide resistance range
- Ultra high precision laser trimming
- Double sided printing and through holes/VIA's
- High density circuit designs
- Tighter parameters available
- High power ratings available

SCHEMATICS

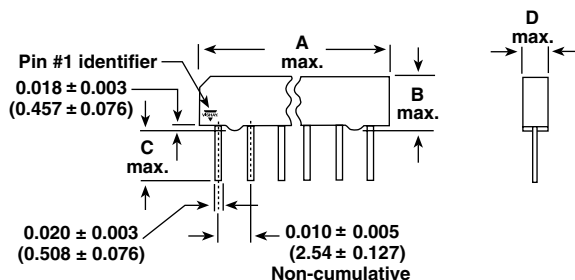


DIMENSIONS in inches (millimeters)

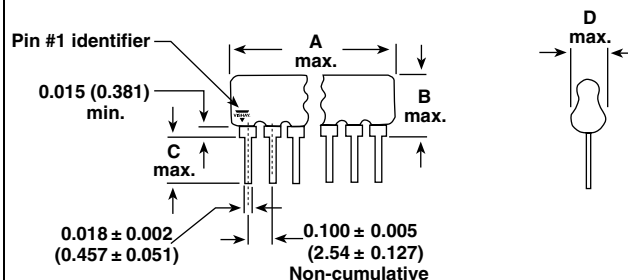
DIPS



SIPS, Molded



SIPS, Coated



MODEL	No. of Pins	A (max.)	B (max.)	C (max.)	D (max.)
DIPS	14	0.775 (19.69)	0.190 (4.83)	0.135 (3.43)	-
DIPS	16	0.875 (22.23)	0.190 (4.83)	0.135 (3.43)	-
SIPS, molded, low profile	6	0.598 (15.19)	0.192 (4.88)	0.190 (4.83)	0.088 (2.23)
SIPS, molded, low profile	8	0.798 (20.27)	0.192 (4.88)	0.190 (4.83)	0.088 (2.23)
SIPS, molded, low profile	10	0.998 (25.35)	0.192 (4.88)	0.190 (4.83)	0.088 (2.23)
SIPS, molded, high profile	6	0.598 (15.19)	0.340 (8.64)	0.190 (4.83)	0.088 (2.23)
SIPS, molded, high profile	8	0.798 (20.27)	0.340 (8.64)	0.190 (4.83)	0.088 (2.23)
SIPS, molded, high profile	10	0.998 (25.35)	0.340 (8.64)	0.190 (4.83)	0.088 (2.23)
SIPS, coated	2	0.200 (5.08)	0.200 (5.08)	0.290 (7.37)	0.100 (2.54)
SIPS, coated	3 thru 19	(1)	(1)	0.290 (7.37)	(1)
SIPS, coated	20	2.00 (50.80)	(1)	0.290 (7.37)	(1)

Note

(1) Depending on customer requirements

ENVIRONMENTAL PERFORMANCE

TEST ⁽²⁾	Maximum ΔR (TYPICAL TEST LOTS)
Power Conditioning (108)	$\Delta R < 0.10\%$
Thermal Shock (107)	$\Delta R < 0.10\%$
Thermal Shock Group C (107)	$\Delta R < 0.10\%$
Short Time Overload	$\Delta R < 0.03\%$
Low Temperature Storage	$\Delta R < 0.02\%$
Low Temperature Operation	$\Delta R < 0.02\%$
Low Temperature Exposure	$\Delta R < 0.06\%$
Moisture Resistance (106)	$\Delta R < 0.10\%$
Resistance to Soldering Heat (210)	$\Delta R < 0.10\%$
Shock (213)	$\Delta R < 0.04\%$
Vibration (204)	$\Delta R < 0.04\%$
Load life (108)	$\Delta R < 0.22\%$

Note

(2) Numbers in parentheses refer to test method MIL-STD-202 as modified by the detail specification

ORDERING INFORMATION

- For custom product information contact factory



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