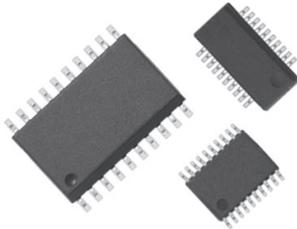


25 Mil Pitch Resistor/Capacitor Networks



IEEE 1284 Parallel Port Termination Network

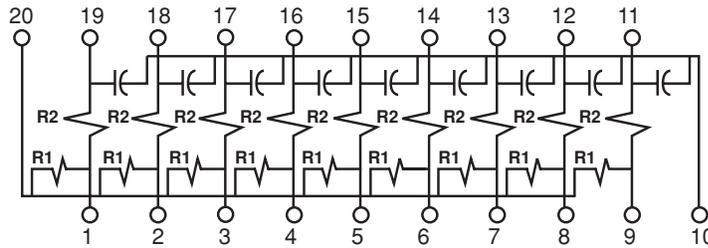
FEATURES

- Rugged, molded case construction
- Reduces total assembly costs
- Saves board space
- Compatible with surface mounting equipment
- Uniform performance characteristics
- Resistors and capacitors on a single chip
- UL 94V-0 flame resistant

TYPICAL PERFORMANCE

	TCR	TOLERANCE
RESISTOR	200	10%
	TCC	TOLERANCE
CAPACITOR	200	20%

SCHEMATIC

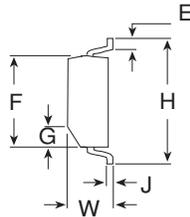
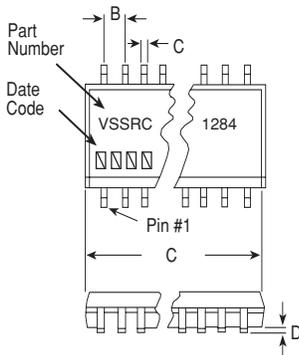


STANDARD ELECTRICAL SPECIFICATIONS		
TEST	SPECIFICATIONS	CONDITIONS
Resistance Range	10 ohm to 10K ohm	
Tolerance:		
Absolute	$\pm 10\%$ (R_1 or R_2)	
Absolute	$\pm 20\%$ (C)	@ 1MHz & V RMS over + 10°C to + 70°C
Power Rating:		
Per Resistor	100mW	
Package	1 Watt	
Capacitance Range	27pF to 220pF	Based on number of resistors
Breakdown Voltage	25V	
ESD Protection	> 2KV	MIL-STD-883, Method 3015

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 • SWEDEN +46.8.594.70590 FAX: +46.8.594.70581 • UK +44 191 514 8237 FAX: +44 1953 457 722 • USA: (610) 407-4800 FAX: (610) 640-9081



DIMENSIONS AND IMPRINTING in inches and millimeters

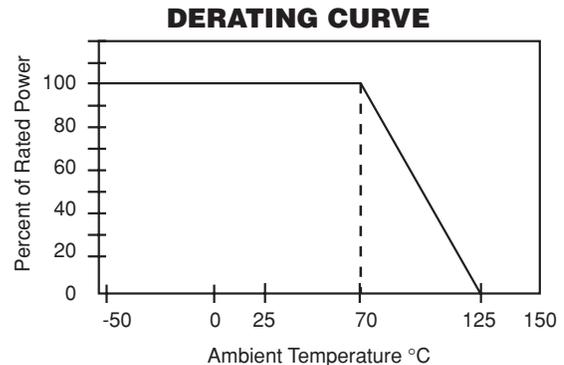


DIMENSION	MODEL VSSRC1284	
	INCHES	MILLIMETERS
A	0.351 Max.	8.91 Max.
B (Ref.)	0.025	0.63
C (Ref.)	0.010	0.25
D	0.006	0.15
E (Typ.)	0.025	0.03
F	0.154 ± 0.003	3.85 ± 0.08
G	0.015 x 45°	3.75 x 45°
H	0.236 ± 0.008	5.9 ± 0.20
J (Ref.)	0.010	0.25
W	0.064 ± 0.005	1.64 ± 0.13

NOTE: Mold flash not included in body dimensions.

IMPRINTING		
VSSRC1284-X		
Date code	-X = Model version number from table below	

MECHANICAL SPECIFICATIONS	
Resistive Element	Tantalum Nitride
Substrate Material	Silicon
Body	Molded Epoxy
Terminals	Copper Alloy
Plating	Tin Lead solder
Lead Coplanarity	0.0005 Inches
Marking Resistance to Solvents	Permanency Testing per MIL-STD-202, Method 215



MODEL	R ₁ ± 10%	R ₂ ± 10%	C ± 20%
VSSRC1284-1	2.2K ohm	33 ohm	220pF
VSSRC1284-2	4.7K ohm	33 ohm	180pF
VSSRC1284-3	1K ohm	33 ohm	180pF
VSSRC1284-4	4.7K ohm	10 ohm	180pF
VSSRC1284-5	4.7K ohm	27 ohm	33pF
VSSRC1284-6	4.7K ohm	270 ohm	33pF
VSSRC1284-7	10K ohm	10 ohm	27pF

How to Order

Model	Value	Packaging
VSSRC1284	-1	Tape & Reel or Tubes
Dash Number Per Table		

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