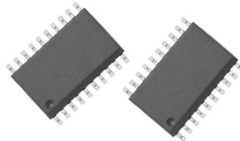


Molded, 50 Mil Pitch, Dual-In-Line Resistor Networks



Actual Size

FEATURES

- Lead (Pb)-free available
- Rugged, molded case construction
- Reduces total assembly costs
- Saves board space
- Compatible with surface mounting equipment
- Uniform performance characteristics



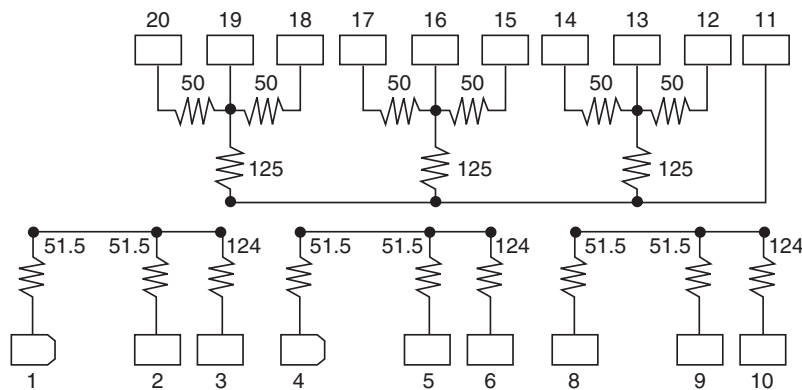
RoHS*
COMPLIANT

V.35 Termination Network used to insure signal integrity between transmitter and receiver sections of V.35 protocol.

TYPICAL PERFORMANCE

	ABS	TRACKING
TCR	100	10
	ABS	RATIO
TOL	1, 2	0.5

SCHEMATIC



- Notes:
1. Pad 7 does not exist
 2. Pin 7 is an open circuit

STANDARD ELECTRICAL SPECIFICATIONS			
TEST		SPECIFICATIONS	CONDITIONS
Resistance Range		per schematic	
Tolerance:	Absolute	± 1.0 %	51.5 Ω and 124 Ω
	Absolute	± 2.0 %	50.0 Ω and 125 Ω
TCR:	Absolute	± 100 ppm/°C	- 55 °C to + 125 °C
	Tracking	± 10 ppm/°C	- 55 °C to + 125 °C
Power Rating:	Package	1.6 W	- 55 °C to + 125 °C
Breakdown Voltage		50 V	

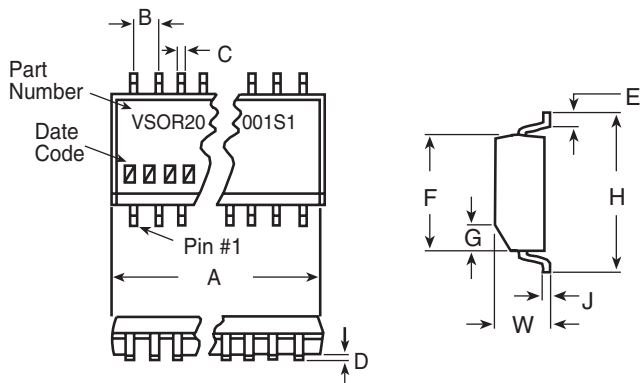
* Pb containing terminations are not RoHS compliant, exemptions may apply

VSOR2000S1

Vishay Thin Film Molded, 50 Mil Pitch, Dual-In-Line Resistor Networks



DIMENSIONS in inches and millimeters



	INCHES	MM
A	0.500 ± 0.010	12.7 ± 0.25
B (Ref.)	0.050	1.27
C (Ref.)	0.016	0.41
D	0.008	0.20
E (Typ.)	0.030	0.75
F	0.293 ± 0.003	7.44 ± 0.08
G	0.025 × 45°	0.64 × 45°
H	0.406 ± 0.005	10.31 ± 0.13
J (Ref.)	0.010	0.25
W	0.100 ± 0.005	1.54 ± 0.13

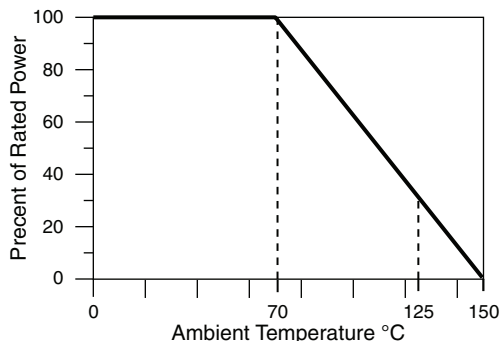
IMPRINTING

VSOR2000S1
Date Code

MECHANICAL SPECIFICATIONS

Resistive Material	Tantalum Nitride
Substrate Material	Silicon
Body	Molded Epoxy
Terminals	Copper Alloy
Plating	Tin Lead solder
Lead coplanarity	0.0005"
Marking Resistance to Solvents	Permanency testing per MIL-STD-202, Method 215
Lead (Pb)-free Option	100 % Sn Matte
Lead (Pb)-free Option	Plated

DERATING CURVE



GLOBAL PART NUMBER INFORMATION

New Global Part Numbering: VSOR2000S1T1 (preferred part number format)

V S O R 2 0 0 0 S 1 T 1

GLOBAL MODEL
VSOR2000S1

PACKAGING
TAPE AND REEL
T0 = 100 Min 100 Mult
T1 = 1000 Min 1000 Mult
T3 = 300 Min 300 Mult
T5 = 500 Min 500 Mult
TF = Full Reel 2500
TS = 100 Min 1 Mult
UF = TUBED

Historical Part Number example: VSOR2000S1T/R (will continue to be accepted)

VSOR 2000S1
MODEL# VALUE

T/R
PACKAGING



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All product specifications and data are subject to change without notice.

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