

PART NUMBER: VANS1R5 series

DESCRIPTION: DC/DC converter

features

- 24 pin DIP package
- efficiency to 80%
- unregulated outputs
- Pi input filter
- low ripple and noise



model number ^{1, 2, 3}	input voltage	output voltage	output current	input current		efficiency
				no load	full load	
VANS1R5-S5-S5	5VDC	5VDC	220mA	115mA	330mA	60%-80%
VANS1R5-S5-S12	5VDC	12VDC	125mA	115mA	420mA	60%-80%
VANS1R5-S5-S15	5VDC	15VDC	100mA	115mA	420mA	60%-80%
VANS1R5-S5-D12	5VDC	±12VDC	±62mA	115mA	420mA	60%-80%
VANS1R5-S5-D15	5VDC	±15VDC	±50mA	115mA	420mA	60%-80%
VANS1R5-S12-S5	12VDC	5VDC	220mA	45mA	120mA	60%-80%
VANS1R5-S12-S12	12VDC	12VDC	125mA	45mA	165mA	60%-80%
VANS1R5-S12-S15	12VDC	15VDC	100mA	45mA	165mA	60%-80%
VANS1R5-S12-D12	12VDC	±12VDC	±62mA	45mA	165mA	60%-80%
VANS1R5-S12-D15	12VDC	±15VDC	±50mA	45mA	165mA	60%-80%

NOTES:

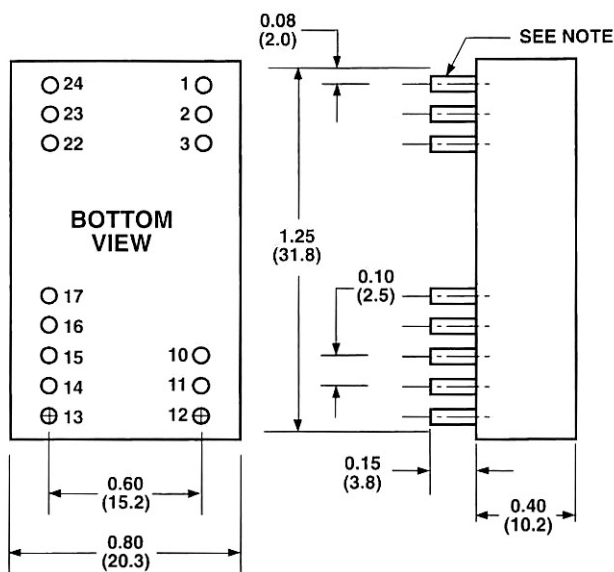
1. suffix "HM" for 1.5K Vdc isolation
2. suffix "H" for 3K Vdc isolation
3. suffix "-SMT" for SMT case style

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DIMENSIONS (mm)

NOTE: Pin Size is 0.02" Inch (0.5mm) DIA
All Dimensions In Inches(mm)
Tolerance .xx= ±.02, .xxx= ±.010



PIN CONNECTION							
Pin	500 VDC		1.5K & 3K VDC		Pin		
	Single Output	Dual Output	Single Output	Dual Output			
1	24	+V Input	+V Input	1	2,3	+V Input	+V Input
2	23	NC	-V Output	22,23,24	-V Input	-V Input	-V Input
3	22	NC	Common	10	11	NP	Go Output
10	-V Output	Common	12	-V Output	-TP	-TP	-TP
11	+V Output	+V Output	13	+V Output	-V Output	-V Output	-V Output
12	-V Input	-V Input	14	NP	NP	NP	NP
13	-V Input	-V Input	15	NP	+V Output	+V Output	+V Output
14	+V Output	+V Output	16	NP	+TP	+TP	+TP
15	-V Output	Common	17	+TP	NP	NP	NP

*NP-NO PIN
*NC-NO CONNECTION WITH PIN
*TP-TEST POINT
*GO-GROUND

DERATING CURVE

