

VA10-15 Series



10~15 瓦功率输出 (10~15 Watts of Output Power)

宽电压输入 (Wide Input Range)

高隔离电压 (3000Vac Isolation)

小型化封装 (Small Package)

VA D 10 - 05H12 - NI

① ② ③ ④⑤⑥ ⑦⑧

① 系列号 (Series): VA

② 输出模式 (Output Mode): S: 单路 (Single); D: 双路 (Dual); T: 叁路 (Triple)

③ 输出功率 (Output Power): 10W、15W

④ 输出电压 Vo1 (Output Voltage Vo1): 5V

⑤ 输出电流范围 Vo2 (Vo2 Output Current Range): H=200mA、V>200mA

⑥ 输出电压 Vo2 (Output Voltage Vo2): 5V、12V、15V、24V

⑦ 输入电压 (Input Voltage): N: 165~265Vac W: 85~265Vac

⑧ 输出模式 (Output Mode): I (Isolation)

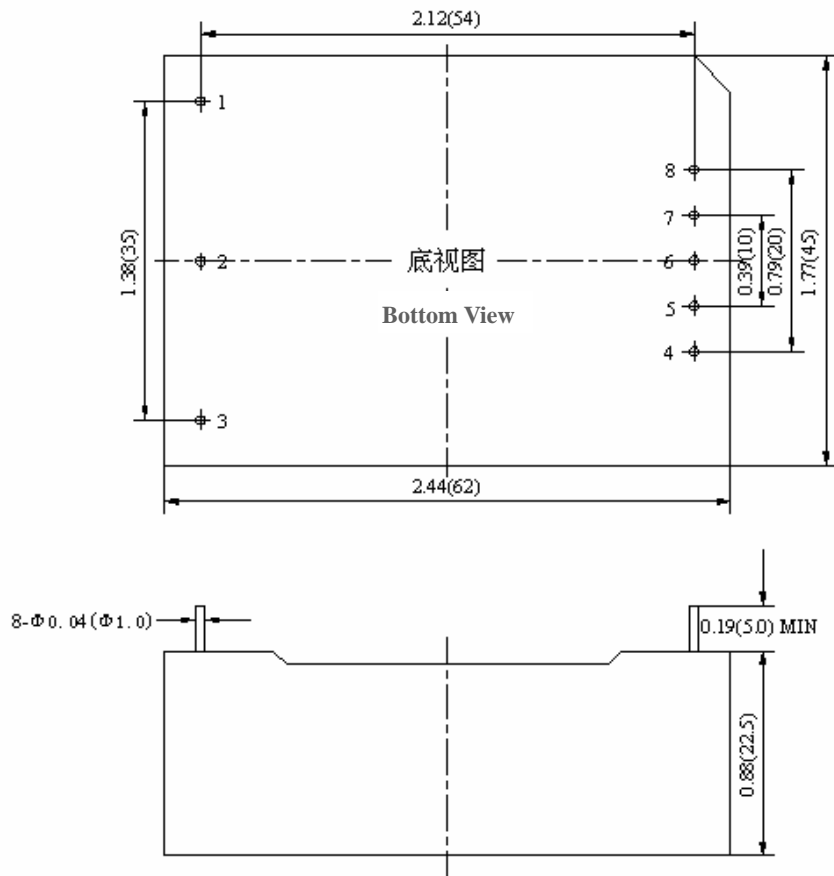
输入特性 Input	Min	Nom	Max	Notes
输入电压 Vac	165 (200Vdc)	220	265(400Vdc)	N
Input Voltage	85 (100Vdc)	220	265(400Vdc)	W
输出特性 Output				
输出电压精度		±1%		Vo1
Setpoint Accuracy		±3%		Vo2、Vo3
源效应			±0.2%	
Line Regulation				
负载效应			±0.5%	
Load Regulation				
纹波与噪声			50mVp-p	Vo≤5Vdc
Ripple and Noise			100mVp-p	Other
			200mVp-p	Vo≥48Vdc
温度系数		±0.1%/°C		
Temperature				
综合特性 General				
隔离电压	3000Vac/1min			
Isolation Voltage				
开关频率		100KHz		
Switching Frequency				
效率		81%		typ
Efficiency				
手工焊接时间			5s	
Hand Soldering Time				
工作壳温	-25°C		+85°C	
Case Temperature				
储存温度	-40°C		+105°C	
Storage Temperature				
相对湿度	10%		90%	
Relative Humidity				
短路保护	长期短路自恢复			
Short-Circuit Protection	Continuous, Automatic Recovery			

产品明细单/Models

型号 Model	输入电压 (Vac) Input Voltage	输出电压 (Vdc) Output Voltage	输出电流 (A) Output Current
VAS10-3-N(W)	165~265 (85~265)	3.3	2.5
VAS10-5-N(W)	165~265 (85~265)	5.05	2
VAS10-12-N(W)	165~265 (85~265)	12	0.83
VAS10-15-N(W)	165~265 (85~265)	15	0.66
VAS10-24-N(W)	165~265 (85~265)	24	0.42
VAS10-48-N(W)	165~265 (85~265)	48	0.21
VAD10-5-N(W)	165~265 (85~265)	+5/-5	+1/-1
VAD10-12-N(W)	165~265 (85~265)	+12/-12	+0.42/-0.42
VAD10-15-N(W)	165~265 (85~265)	+15/-15	+0.33/-0.33
VAD10-24-N(W)	165~265 (85~265)	+24/-24	+0.21/-0.21
VAD10-0505-NI(WI)	165~265 (85~265)	5/5	2/0.1
VAD10-0512-NI(WI)	165~265 (85~265)	5/12	1.8/0.1
VAD10-0515-NI(WI)	165~265 (85~265)	5/15	1.7/0.1
VAD10-0524-NI(WI)	165~265 (85~265)	5/24	1.5/0.1
VAD10-0548-NI(WI)	165~265 (85~265)	5/48	1/0.1
VAD10-05H05-NI(WI)	165~265 (85~265)	5/5	1.8/0.2
VAD10-05H12-NI(WI)	165~265 (85~265)	5/12	1.5/0.2
VAD10-05H15-NI(WI)	165~265 (85~265)	5/15	1.4/0.2
VAD10-05H24-NI(WI)	165~265 (85~265)	5/24	1.1/0.2
VAD10-05V05-NI(WI)	165~265 (85~265)	5/5	1.6/0.4
VAD10-05V12-NI(WI)	165~265 (85~265)	5/12	1.1/0.4
VAD10-05V15-NI(WI)	165~265 (85~265)	5/15	1.1/0.3
VAT10-0505-NI(WI)	165~265 (85~265)	5/+5/-5	1.8/+0.1/-0.1
VAT10-0512-NI(WI)	165~265 (85~265)	5/+12/-12	1.5/+0.1/-0.1
VAT10-0515-NI(WI)	165~265 (85~265)	5/+15/-15	1.4/+0.1/-0.1
VAT10-0524-NI(WI)	165~265 (85~265)	5/+24/-24	1.1/+0.1/-0.1
VAT10-05H05-NI(WI)	165~265 (85~265)	5/+5/-5	1.6/+0.2/-0.2
VAT10-05H12-NI(WI)	165~265 (85~265)	5/+12/-12	1.1/+0.2/-0.2
VAT10-05V05-NI(WI)	165~265 (85~265)	5/+5/-5	1/+0.5/-0.5
VAT10-05V12-NI(WI)	165~265 (85~265)	5/+12/-12	0.8/+0.25/-0.25
VAS15-3-N(W)	165~265 (85~265)	3.3	3.6
VAS15-5-N(W)	165~265 (85~265)	5.05	3
VAS15-12-N(W)	165~265 (85~265)	12	1.25
VAS15-15-N(W)	165~265 (85~265)	15	1
VAS15-24-N(W)	165~265 (85~265)	24	0.63
VAS15-48-N(W)	165~265 (85~265)	48	0.31
VAD15-5-N(W)	165~265 (85~265)	+5/-5	+1.5/-1.5
VAD15-12-N(W)	165~265 (85~265)	+12/-12	+0.63/-0.63
VAD15-15-N(W)	165~265 (85~265)	+15/-15	+0.5/-0.5
VAD15-24-N(W)	165~265 (85~265)	+24/-24	+0.31/-0.31
VAD15-0505-NI(WI)	165~265 (85~265)	5/5	3/0.1

VAD15-0512-NI (WI)	165~265 (85~265)	5/12	2.8/0.1
VAD15-0515-NI (WI)	165~265 (85~265)	5/15	2.7/0.1
VAD15-0524-NI (WI)	165~265 (85~265)	5/24	2.5/0.1
VAD15-05H05-NI (WI)	165~265 (85~265)	5/5	2.8/0.2
VAD15-05H12-NI (WI)	165~265 (85~265)	5/12	2.5/0.2
VAD15-05H15-NI (WI)	165~265 (85~265)	5/15	2.4/0.2
VAD15-05H24-NI (WI)	165~265 (85~265)	5/24	2.1/0.2
VAD15-05V05-NI (WI)	165~265 (85~265)	5/5	2.5/0.5
VAD15-05V12-NI (WI)	165~265 (85~265)	5/12	1.8/0.5
VAD15-05V15-NI (WI)	165~265 (85~265)	5/15	1.8/0.4
VAD15-05V24-NI (WI)	165~265 (85~265)	5/24	1.6/0.3
VAT15-0505-NI (WI)	165~265 (85~265)	5/+5/-5	2.8/+0.1/-0.1
VAT15-0512-NI (WI)	165~265 (85~265)	5/+12/-12	2.5/+0.1/-0.1
VAT15-0515-NI (WI)	165~265 (85~265)	5/+15/-15	2.4/+0.1/-0.1
VAT15-0524-NI (WI)	165~265 (85~265)	5/+24/-24	2.1/+0.1/-0.1
VAT15-05H05-NI (WI)	165~265 (85~265)	5/+5/-5	2.6/+0.2/-0.2
VAT15-05H12-NI (WI)	165~265 (85~265)	5/+12/-12	2.1/+0.2/-0.2
VAT15-05H15-NI (WI)	165~265 (85~265)	5/+15/-15	1.8/+0.2/-0.2
VAT15-05V05-NI (WI)	165~265 (85~265)	5/+5/-5	2/+0.5/-0.5
VAT15-05V12-NI (WI)	165~265 (85~265)	5/+12/-12	1.6/+0.3/-0.3
VAT15-05V15-NI (WI)	165~265 (85~265)	5/+15/-15	1.5/+0.25/-0.25

外形尺寸图/Mechanical Drawing



管脚定义/Pin Definition

管脚定义 PIN	1	2	3	4	5	6	7	8
单路 Single	L	N	FG	-Vo	NP	NP	NP	+Vo
均载双路 Level Load Dual	L	N	FG	-Vo	NP	COM	NP	+Vo
非均载双路 Non-level Load Dual	L	N	FG	-Vo1	+Vo1	NC	-Vo2	+Vo2
叁路 Triple	L	N	FG	-Vo1	+Vo1	-Vo2	COM	+Vo2

注：NP 代表无管脚 NC 代表无连接的空管脚

Remark: NP for no pin NC for No Connection