



## 典型性能 Features

- ◆ 300~400瓦功率输出 ( 300~400 Watts of Output Power )
- ◆ 工业标准全砖尺寸 ( Industry Standard Full Brick )
- ◆ 宽电压输入 ( Wide Range Input )
- ◆ 高隔离电压 ( High Voltage Isolation )
- ◆ 高效率 ( High Efficiency )

## 电气特性 Electrical Specifications

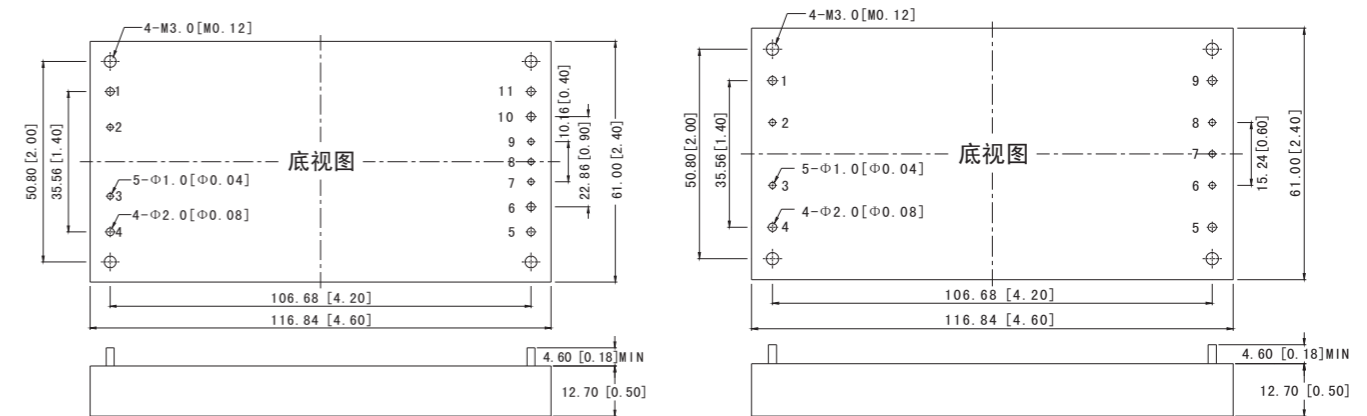
输入特性 Input	Min	Type	Max	Notes
输入电压 Vac Input Voltage	18 36 66	24 48 110	36 75 160	
遥控 Control		On		CNT Pin left open or connect to +Vin
		Off		CNT Pin connect to -Vin
遥控 ( 尾缀/P ) Control ( Tip/P )		On		CNT Pin connect to -Vin
		Off		CNT Pin left open or connect to +Vin
输出特性 Output	Min	Type	Max	Notes
输出电压精度 Setpoint Accuracy			±1%	
电压调节 Trim Range			±10%	
源效应 Line Regulation			±0.2%	
负载效应 Load Regulation			±0.5%	
动态响应 Dynamic Response			4%Vo Pk deviation 400µS settling time	50~75% load 50~25% load
过流保护 Current Limit			150%	
纹波与噪声 Ripple and Noise			50mVp-p 100mVp-p 200mVp-p	Vo≤5Vdc Other Vo≥48Vdc
温度系数 Temperature Regulation			±0.2%/°C	
综合特性 General	Min	Type	Max	Notes
隔离电压 Isolation Voltage			1500Vdc 500Vdc 500Vdc 1000Vac	Input-Output Input-Case Output-Case Input-Output ( Vin=110Vdc)
开关频率 Switching Frequency			300KHz	
效率 Efficiency			90%	

平均故障间隔时间 MTBF		2×10 <sup>6</sup>		Mil HDBK 217F Tc=25°C
工作壳温范围 Case Temperature Range	工业级	-25°C		+85°C
	军用级AB	-40°C		+90°C
	军用级CD	-55°C		+100°C
储存温度 Storage Temperature		-55°C		+125°C
相对湿度 Relative Humidity		10%		90%
短路保护 Short-Circuit Protection	长期短路自恢复 Continuous Automatic Recovery			

型号 Model	输入电压 ( Vdc ) Input Voltage	输出电压 ( Vdc ) Output Voltage	输出电流 ( A ) Output Current	
			300W	400W
WDF□-□S2V5	24 ( 19~36V )	2.5	60	80
WDF□-□S3V3		3.3	60	80
WDF□-□S5		5.05	60	80
WDF□-□S12	48 ( 36~75V )	12	25	33.3
WDF□-□S15		15	20	26.7
WDF□-□S24		24	12.5	16.7
WDF□-□S28	110 ( 66~160V )	28	10.7	14.3
WDF□-□S48		48	6.3	8.3

注：□代表所需输出功率Output Power  
□代表所需输入电压Input Voltage

## 机械图及管脚说明 ( Mechanical Chart, Pins ) ( Unit : mm/ inch )



Vo≤5V外形尺寸

Vo>5V外形尺寸

管脚 Pin	1	2	3	4	5	6	7	8	9	10	11
Vo≤5V	-Vin	CASE	CNT	+Vin	+Vo	+Vo	+S	TRIM	-S	-Vo	-Vo
Vo>5V	-Vin	CASE	CNT	+Vin	+Vo	+S	TRIM	-S	-Vo	-	-