

典型性能 Features

- ◆ 工业标准1/2砖 ( Industry Standard Half Brick )
- ◆ 宽电压输入 ( Wide Range Input )
- ◆ 高隔离电压 ( High Voltage Isolation )
- ◆ 带有遥控和输出调节功能 ( Control and Trim Functions )
- ◆ 高效率 ( High Efficiency )

电气特性

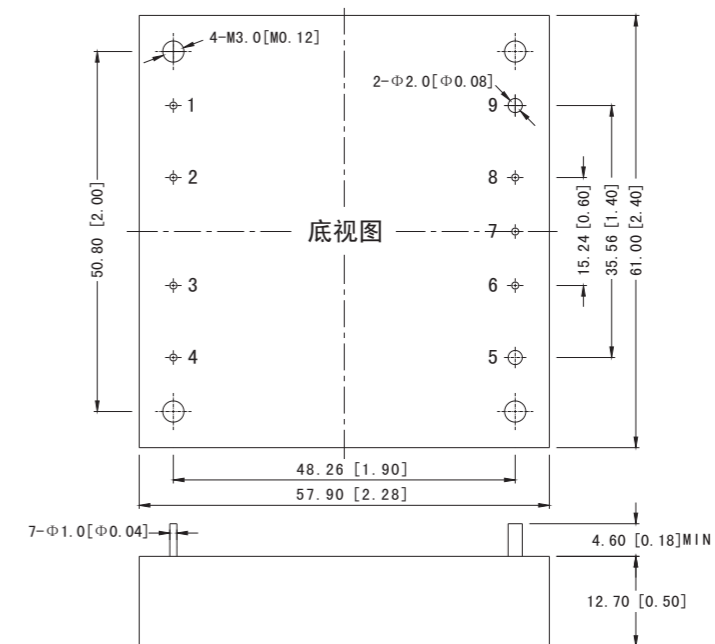
输入特性 Input	Min	Type	Max	Notes
输入电压 Vac Input Voltage	9 18 36 66 45	12/24 24 48 110 75/110	32 36 75 160 132	
遥控 ( 正逻辑 ) Control ( Positive Logic )		On		CNT Pin left open or connect to +Vin
		Off		CNT Pin connect to -Vin
遥控 ( 负逻辑, 尾缀/P ) Control ( Negative Logic, Tip/P )		On		CNT Pin connect to -Vin
		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%	
TRIM特性 TRIM Specifications	POWER-ONE的TRIM方式			负逻辑 Negative Logic
	TYCO、LUCENT的TRIM方式			正逻辑, 尾缀/S Positive Logic, Tip/S
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			150mVp-p	Measured with 10uF Tantalum and 0.1uF Ceramic, 20M Bandwidth
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	Input-Output Input-Case Output-Case

开关频率 Switching Frequency		300KHz		
效率 Efficiency		90%		5V
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				
			50W	75W	100W	150W	200W
WDH□-□S2V5	24 ( 18~36 )	2.5	10	15	20	30	40
WDH□-□S3V3		3.3	10	15	20	30	40
WDH□-□S5		5.05	10	15	20	30	40
WDH□-□S12	48 ( 36~75 )	12	4.2	6.3	8.3	12.5	16.7
WDH□-□S15		15	3.3	5	6.7	10	13.3
WDH□-□S24	110 ( 66~160 )	24	2.1	3.1	4.2	6.3	8.3
WDH□-□S28		28	1.8	2.7	3.6	5.4	7.1
WDH□-□S48		48	1.1	1.6	2.1	3.1	4.2

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 )



管脚 Pin	1	2	3	4	5	6	7	8	9
功能 Function	-Vin	CASE	CNT	+Vin	+Vo	+S	TRIM	-S	-Vo