



WR6-15 Series

6~15 瓦功率输出 (6~15 Watts of Output Power)

宽电压输入 (2:1 Wide Input)

输入输出隔离 (Isolated Output)

1~3 路输出 (Single、Dual、Triple Outputs)

长期短路保护, 自恢复 (Short Circuit Protection, Automatic Recovery)

WR 15 - 24 S 05

① ② ③ ④ ⑤

① 系列号 (Series): WR

② 输出功率 (Output Power): 6W、15W

③ 输入电压 (Input Voltage): 6V、12V、24V、48V、110V

④ 输出模式 (Output Mode): S: 单路 (Single) D: 双路 (Dual) T: 叁路 (Triple)

⑤ 输出电压 (Output Voltage): 5V、12V、15V、24V、48V

输入特性 Input	Min	Nom	Max	Notes
	4.5	6	9	
输入电压 Vdc	9	12	18	
Input Voltage	18	24	36	
	36	48	72	
	66	110	160	
输出特性 Output				
输出电压精度			±1%	Vo1、Vo2
Setpoint Accuracy			±3%	Vo3
源效应			±0.2%	Vo1、Vo2
Line Regulation			±0.5%	Vo3
负载效应			±0.5%	Vo1、Vo2
Load Regulation			±1%	Vo3
动态响应			3% Vo Pk deviation	50~75% load 50~25% load
Dynamic Response			200μS settling time	
纹波与噪声			50mVp-p	Vo ≤ 5Vdc
Ripple and Noise			200mVp-p	Vo ≥ 48Vdc
			100mVp-p	Other
温度系数		±0.02%/°C		
Temperature				
综合特性 General				
隔离电压		1500 Vdc		Input-Output
Isolation Voltage		1000 Vdc		Input-Output @ Vin=110Vdc
开关频率		300KHz		
Switching Frequency				
效率		84%		typ
Efficiency				
手工焊接时间			5s	
Hand Soldering Time				
MTBF		8 × 10 ⁵ h		Bellcore TR332, 25°C
工作壳温	-25°C		+95°C	
Case Temperature	-45°C		+105°C	军品级 Military Grade
储存温度			+125°C	
Storage Temperature	-55°C			
相对湿度			90%	
Relative Humidity	10%			
短路保护	长期短路自恢复			
Short-Circuit Protection	Continuous Automatic Recovery			

产品明细单/Models

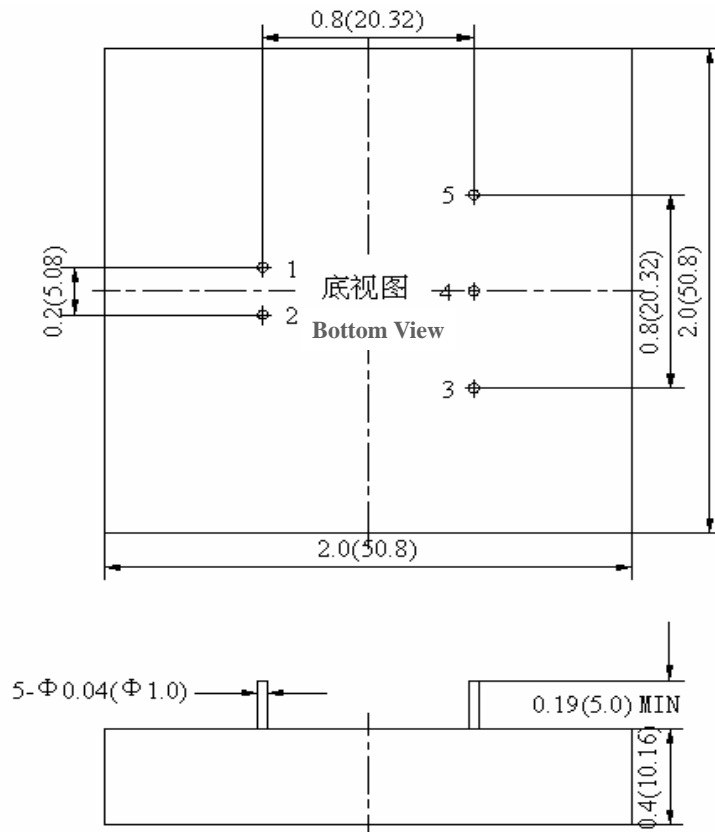
型号 Model	输入电压 (Vdc) Input Voltage					输出电压 (Vdc) Output Voltage	输出电流 (A) Output Current	
	6	12	24	48	110		6W	15W
WR□-□S05	4.5~9	9~18	18~36	36~72	66~160	5.05	1.2	3
WR□-□S12	4.5~9	9~18	18~36	36~72	66~160	12	0.5	1.25
WR□-□S15	4.5~9	9~18	18~36	36~72	66~160	15	0.4	1
WR□-□S24	4.5~9	9~18	18~36	36~72	66~160	24	0.25	0.63
WR□-□S48	4.5~9	9~18	18~36	36~72	66~160	48	0.125	0.31
WR□-□D05	4.5~9	9~18	18~36	36~72	66~160	+5.05/-5.05	+0.6/-0.6	+1.5/-1.5
WR□-□D05-05	4.5~9	9~18	18~36	36~72	66~160	+5.05/-5.05	+0.6/-0.6	+2/-1
WR□-□D12	4.5~9	9~18	18~36	36~72	66~160	+12/-12	+0.25/-0.25	+0.6/-0.6
WR□-□D15	4.5~9	9~18	18~36	36~72	66~160	+15/-15	+0.2/-0.2	+0.5/-0.5
WR□-□T05S12	4.5~9	9~18	18~36	36~72	66~160	+5.05/-5/12	+0.5/-0.5/+0.1	+1.2/-0.8/+0.4
WR□-□T12S05	4.5~9	9~18	18~36	36~72	66~160	+12/-12/+5	+0.16/-0.16/+0.4	+0.5/-0.5/+0.4
WR□-□T15S05	4.5~9	9~18	18~36	36~72	66~160	+15/-15/+5	+0.13/-0.13/+0.4	+0.43/-0.43/+0.4

注: □代表所需输出功率
□代表所需输入电压

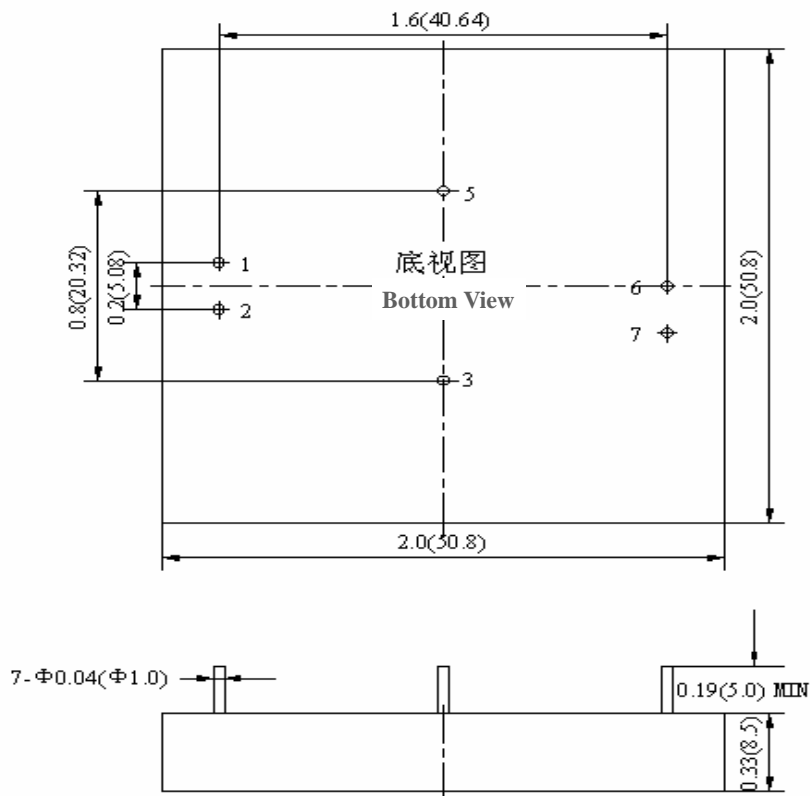
Remarks: to fill output power into □
to fill input voltage into □

外形尺寸图/Mechanical Drawing

WR6-15 单路和双路(WR6-15 Single and Dual)



WR6-15 叁路(WR6-15 Triple)



注：军品级产品厚度为 10.16mm

Remarks: Military Grade product, the thickness of package is 10.16mm

管脚定义/Pin Definition

管脚定义 PIN	1	2	3	4	5	6	7
单路 Single	+Vin	- Vin	- Vo	NP	+Vo	NP	NP
双路 Dual	+Vin	- Vin	Vo2	COM	Vo1	NP	NP
叁路 Triple	+Vin	- Vin	Vo2	COM	Vo1	+Vo3	- Vo3

注：NP 代表无管脚

Remark: NP for no pin