



特点

- * 外形尺寸: 139.2 × 86.4 × 23.6 mm
- * 2: 1 电压输入范围
- * 双路隔离输出
- * 遥控与输出调整功能

Features

- * Size: 5.48 × 3.40 × 0.93 inch
- * 2: 1 Input Voltage Range
- * Dual Isolated Output
- * Remote Control and Dual Output Trim

输入特性(Input)

注释(Notes and Conditions)

输入电压范围(Input Voltage Range)	36~72Vdc	80Vdc Max
输入欠压保护(Input Undervoltage Protection)	< 36Vdc	
输入过压保护(Input Overvoltage Protection)	> 72Vdc	
遥控功能(Remote On/Off Function)		
正逻辑(Positive Logic)	开启(On) > 3.5V或悬空(Open Circuit)	相对于 -Vin (Reference to -Vin)
	关闭(Off) 0~1.8V	

输出特性(Output)

注释(Notes and Conditions)

输出电压精度(Voltage Set-Point Accuracy)	± 1%	V _{inom} and I _{onm}
输出电压调节范围(Output Voltage Trim Range)	± 10%	双路调节(Dual Output Trim)
源效应(Line Regulation)	± 1.0%V _o	V _{imin} ~V _{imax} , I _{onm}
负载效应(Load Regulation)	± 1.0%V _o	10%~100%I _{onm} , V _{inom}
输出过流保护点(Current Limit Threshold Range)	≥ 105%I _o	
短路保护(Short-Circuit Protection)	连续可恢复 (Continuous, Automatic Recovery)	
瞬态响应(Dynamic Response)		
过冲幅度(Peak Deviation)	± 5%V _o	25%-50%-25% of I _{onm}
恢复时间(Settling Time)	200 μs	and 50%-75%-50% of I _{onm}

一般特性(General)

注释(Notes and Conditions)

温度系数(Temperature Coefficient)	± 0.02%/℃	
隔离电压(Isolation Voltage)		
输入与输出(Input-Output)	1000Vdc 1min	
输入与外壳(Input-Case)	500Vdc 1min	
输出与外壳(Output-Case)	500Vdc 1min	
工作壳温(Operating Case Temperature)	- 25℃ ~ + 85℃	
贮存温度(Storage Temperature)	- 55℃ ~ + 105℃	
冷却方式(Cooling)	加装散热器或强制风冷	Attach Heatsink or Forced Convection
平均故障间隔时间(MTBF)	2 × 10 ⁵ h	MIL-HDBK-217
重量(Weight)	700g	

注: 除非另有说明, 指标一般在标称输入电压、满载和 25℃ 外壳温度下测得。

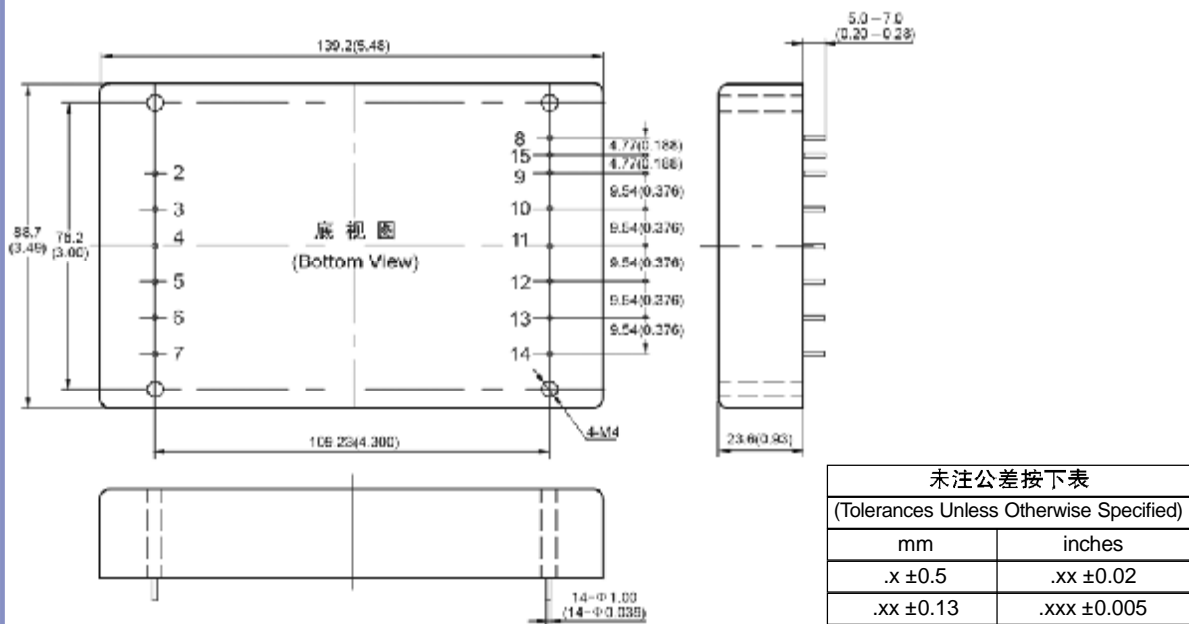
Note: All specifications are typical at nominal input, full load at 25℃ Case temperature unless otherwise stated.

型号列表 (Models)

产品型号 (Model Number)	标称输入电压 (Input Voltage) Vdc	标称输出电压 (Output Voltage) Vdc		标称负载 (Output Current) A		额定输出功率 (Output Power) W		效率 (Efficiency) %	输出杂音电压峰值 (Ripple and Noise) mVp-p	
DR48S05S05Z	48	5.0	5.0	24.0	5.0	120	25	80	50	50
DR48S05S05F	48	5.0	5.0	24.0	5.0	120	25	80	50	50

安装尺寸 (Mechanical Drawing)

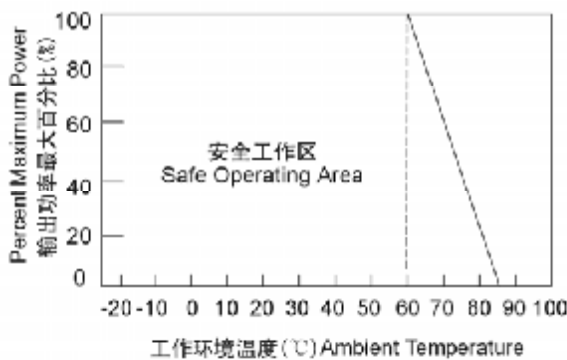
尺寸单位是 mm (inches); All Dimensions in mm (inches)



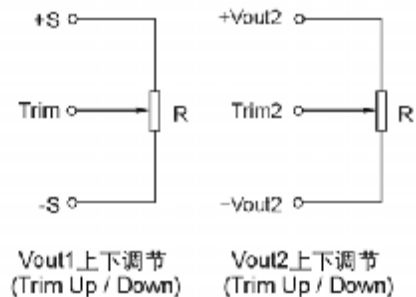
未注公差按下表 (Tolerances Unless Otherwise Specified)	
mm	inches
.x ± 0.5	.xx ± 0.02
.xx ± 0.13	.xxx ± 0.005

引脚定义 (Pin Definition)	2, 3	4, 5	6	7	8	9	10	11	12	13	14	15
双路 (Dual)	-Vin	+Vin	Rem	FG	-S	-Vout1	+Vout1	+S	-Vout2	Trim2	+Vout2	Trim1

温度降额曲线 (Temperature Derating Curve)



输出电压调节 (Output Voltage Trim)



+S 和 -S 为 Vout1 输出的远端探测端, 使用时, +S 端不能与 -S 端和 -Vout1 端短路; -S 端不能与 +S 端和 +Vout1 端短路, 否则会引起永久性损坏。

推荐散热器使用尺寸:

总长度 ≥ 121mm, 总宽度 ≥ 85mm, 总高度 ≥ 12.5mm;

散热器肋片高度 ≥ 9.5mm, 肋片间距 ≥ 7mm, 散热器平板厚度 ≥ 3mm。

注: 选择外配散热器时, 应保证工作壳温小于 85°C, 否则, 加大散热器。如需选配, 可与我市场销售部联系。