



特点

- * 外形尺寸: 116.8 × 61.0 × 12.7 mm
- * 工业标准全砖封装和引脚
- * 高效率、高功率密度
- * 基板工作温度 100℃

Features

- * Size: 4.60 × 2.40 × 0.50 inch
- * Industry Standard Full-Brick Package and Footprint
- * High Efficiency, High Power Density
- * 100℃ Baseplate Operation

输入特性(Input)

注释(Notes and Conditions)

输入电压范围(Input Voltage Range)			
标称(Nominal)	24Vdc	18~36Vdc	40Vdc Max
标称(Nominal)	48Vdc	36~72Vdc	80Vdc Max
输入欠压保护(Input Undervoltage Protection)		<V _{imin}	
遥控功能(Remote On/Off Function)			Gate in 引脚 (Pin)
1) 正逻辑(Positive Logic)	开启(On)	高电平(2.5 ~ 18Vdc)或悬空 (High Level or Open Circuit)	相对于 -Vin(Reference to -Vin)
	关闭(Off)	低电平(<1.4Vdc)或与 -Vin 短接 (Low Level or Connect to -Vin)	
2) 负逻辑(Negative Logic)	开启(On)	低电平(<0.5Vdc)或与 -Vin 短接 (Low Level or Connect to -Vin)	相对于 -Vin(Reference to -Vin)
	关闭(Off)	高电平(1.4 ~ 18Vdc)或悬空 (High Level or Open Circuit)	

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%	
源效应(Line Regulation)	± 0.2%Vo	V _{imin} ~V _{imax} , I _{onm}
负载效应(Load Regulation)	± 0.5%Vo	10%~100%I _{onm} , V _{inm}
输出过压保护(Output Overvoltage Protection)	120%~140%Vo	Self Recovering
输出过流保护点(Current Limit Threshold Range)	110%~150%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%Vo	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)	700Vdc 1min	
输出与外壳(Output-Case)	500Vdc 1min	
工作基板温度(Operating Baseplate Temperature)	- 25℃~+ 100℃	(后缀“(B)”:-40℃) with suffix“(B)”:-40℃
贮存温度(Storage Temperature)	- 40℃~+ 125℃	
冷却方式(Cooling)	加装散热器或强制风冷	Attach Heatsink or Forced Convection
过温保护(Thermal Shutdown Range)	100℃~110℃	基板温度(Baseplate Temperature)
平均故障间隔时间(MTBF)	2 × 10 ⁶ h	MIL-HDBK-217
重量(Weight)	155g	

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

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

