



特点

- * 外形尺寸: 50.8 × 25.4 × 11.7 mm
- * 适用于高频 DC-DC 电源模块
- * PCB 板上安装
- * 工作壳温度范围 -40℃~+100℃

Features

- * Size: 2.00 × 1.00 × 0.44 inch
- * Optimized for use with high-frequency dc to dc power modules
- * Printed-Circuit Board Moutable
- * Operating Case Temperature Range -40℃~+100℃

输入特性(Input)	FLN100V10A		FLN100V2A/F		注释(Notes and Conditions)
	FLN100V10A	FLN100V2A/F	FLN100V10A	FLN100V2A/F	
输入电压范围(Input Voltage Range)	0~100Vdc		0~100Vdc		
最大平均电流 (Maximum Average Current)	10A	2A	Ta=60℃, 2.0m/s 风冷 (air)		
	6.5A	1.4A	Ta=60℃, 自然散热 (Natural Convection)		

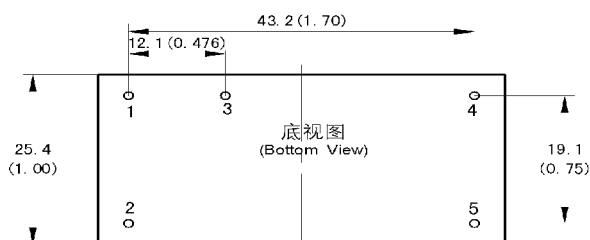
输出特性(Output)	注释(Notes and Conditions)		
插入损耗 (Insertion Loss)			
共模插入损耗(Common-mode Insertion Loss)	40dB	30dB	50Ω Circuit, 500KHz
差模插入损耗(Differential-mode Insertion Loss)	36dB	65dB	50Ω Circuit, 500KHz
直流电阻 (DC Resistance)	22mΩ	76mΩ	任一通路(Per leg)
隔离电压 (Isolation Voltage)			
GND与输入 (GND-Input)	1000Vdc, 1min	Leakage Current: 10mA	

一般特性(General)	注释(Notes and Conditions)	
温度系数(Temperature Coefficient)	± 0.03%/℃	
工作壳温(Operating Ambient Temperature)	-40℃~+100℃	
贮存温度(Storage Temperature)	-40℃~+105℃	
相对湿度(Relative Humidity)	≤ 90%RH(40 ± 2)℃	

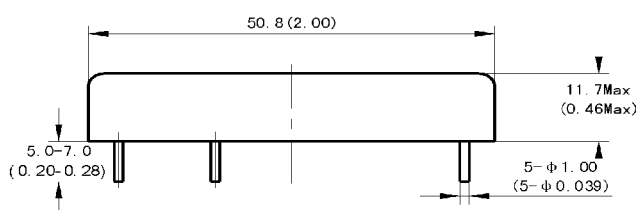
注: 除非另有说明, 指标一般在标称输入电压、满载和 25℃环境温度下测得。
 Note: All specifications are typical at nominal input ,full load at 25℃ unless otherwise stated.

安装尺寸 (Mechanical Drawing)

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



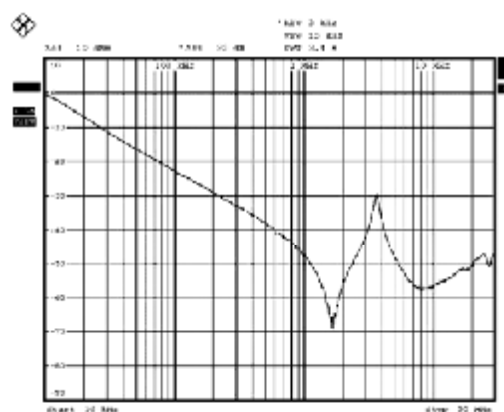
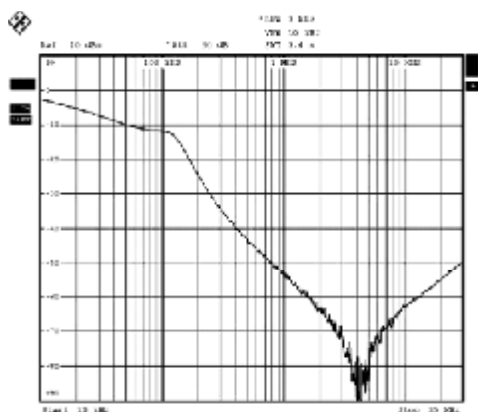
引脚定义 (Pin Definition)	
引脚 (Pin)	单路 (Single)
1	+Vin
2	-Vin
3	GND
4	+Vout
5	-Vout



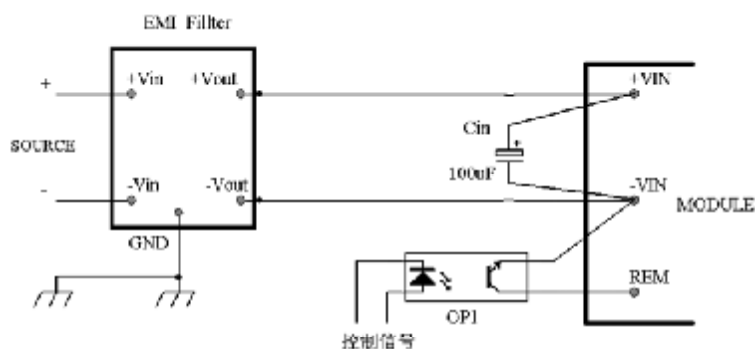
未注公差按下表 (Tolerances Unless Otherwise Specified)	
mm	inches
.x ±0.5	.xx ±0.02
.xx ±0.13	.xxx ±0.005

共模插入损耗

差模插入损耗



基本应用电路 (Basic Application Circuit)



注: 实际应用中,各模块的逻辑可能不同,上述电路遥控电路的接法仅供参考,以实际接法为准,但必须保障其接点在模块输入处,不能接在滤波器之前,以免引入干扰.电容 C_{in} 尽量靠近模块输入端子.