



特点

- * 外形尺寸: 25.4 × 25.4 × 12.7(10.2) mm
- * 适用于高频率 DC-DC 电源模块
- * PCB 板上安装
- * 工作壳温范围 -40℃ - +100℃

Features

- * Size: 1.00 × 1.00 × 0.50(0.40) inch
- * Optimized for use with high-frequency dc to dc power modules
- * Printed-Circuit Board Moutable
- * Operating Case Temperature Range -40℃ to +100℃

输入特性(Input)

注释(Notes and Conditions)

	FLN200V5A	FLN100V5A	FLN100V2A	
输入电压范围(Input Voltage Range)	0~200Vdc	0~100Vdc	0~100Vdc	
最大平均电流 (Maximum Average Current)	5A	5A	2A	Ta=60℃, 2.0m/s 风冷(air)
	3.5A	3.5	1.4A	Ta=60℃, 自然散热(Natural convention)

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)	35dB	35dB	35dB	50 Ω Circuit, 500KHz
差模插入损耗 (Differential-mode Insertion Loss)	30dB	30dB	50dB	50 Ω Circuit, 500KHz
直流电阻 (DC Resistance per Leg)	25m Ω	25m Ω	65m Ω	任一通路
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)

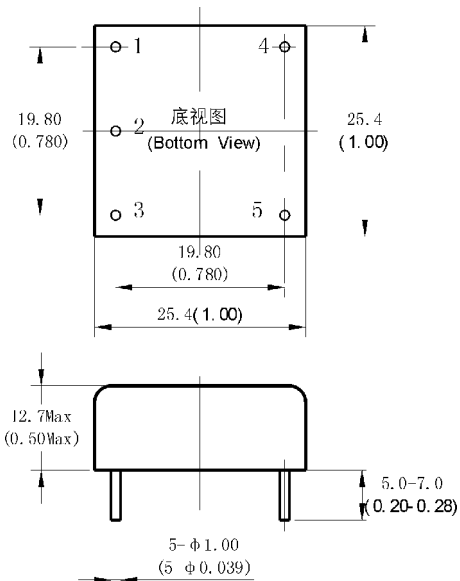
温度系数(Temperature Coefficient)	± 0.03%/℃
工作壳温(Operating Case Temperature)	-40℃~+100℃
贮存温度(Storage Temperature)	-40℃~+105℃
相对湿度(Humidity)	≤ 90%RH(40 ± 2)℃

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)

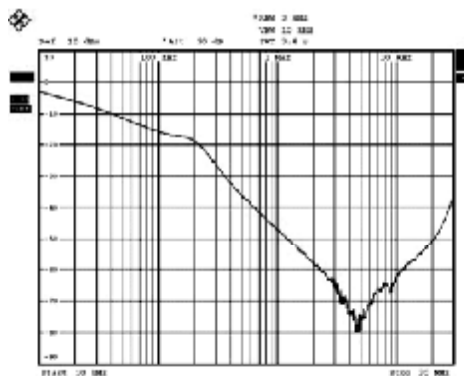
尺寸单位是 mm(inches); All Dimensions in mm (inches)



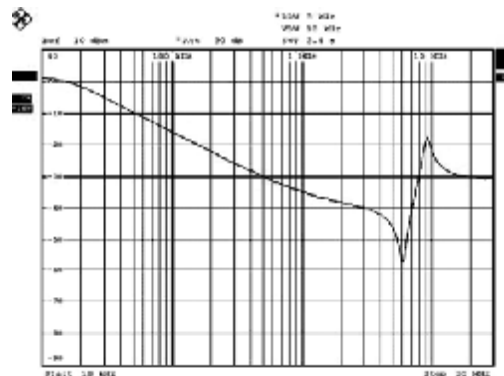
引脚(Pin)	单路(Single)
1	+Vin
2	GND
3	-Vin
4	+Vout
5	-Vout

mm	inches
.x ±0.5	.xx ±0.02
.xx ±0.13	.xxx ±0.005

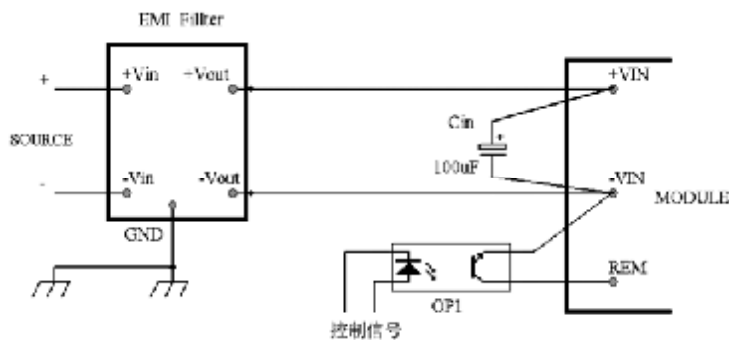
共模插入损耗



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 Cin 尽量靠近模块输入端子.