



特点

- * 外形尺寸: 52.1 × 41.9 × 12.7 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: 2.05 × 1.65 × 0.50 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)

FLN100V20A		
输入电压范围(Input Voltage Range)	0~100Vdc	100Vdc Max
最大平均电流 (Maximum Average Current)	20A	Ta=60℃, 2.0m/s 风冷(air)
	13A	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 Isertion Loss)	32dB	50Ω Circuit, 500KHz
差模插入损耗(Differential-mode Isertion Loss)	36dB	50Ω Circuit, 500KHz
直流电阻 (DC Resistance per Leg)	10mΩ	任一通路
隔离电压 (Isolation Voltage)		
GND与输入 (GND-Input)	1500Vdc, 1min	Leakage Current: 10mA

一般特性(General)

注释(Notes and Conditions)

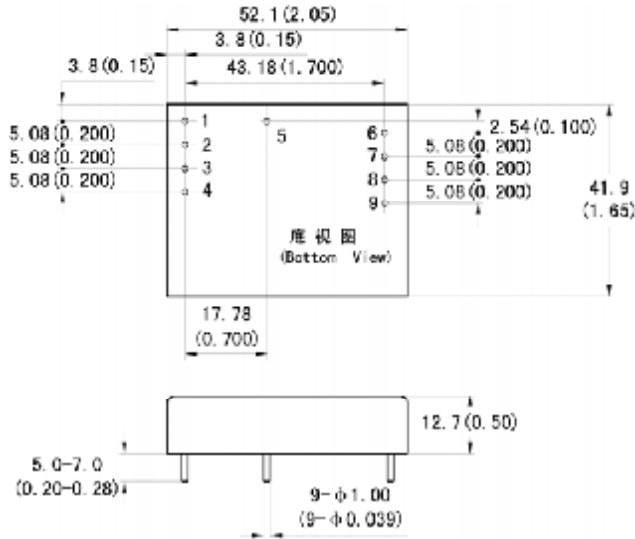
温度系数(Temperature Coefficient)	± 0.03%/℃
工作壳温(Operating Case Temperature)	-40℃~+100℃
贮存温度(Storage Temperature)	-40℃~+105℃
相对湿度(Relative Humidity)	≤ 90%RH(40 ± 2)℃

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)

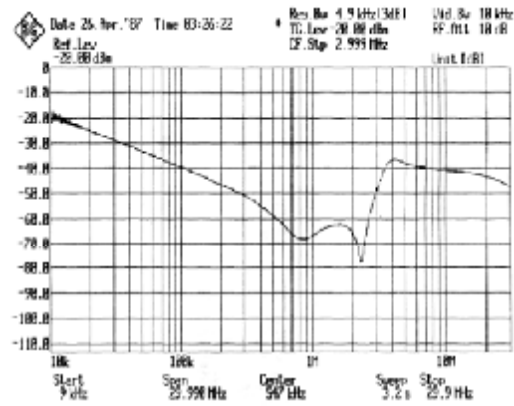
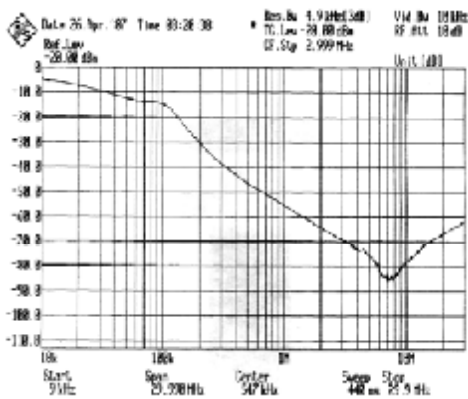


引脚(Pin)	单路(Single)
1	-Vin
2	-Vin
3	+Vin
4	+Vin
5	GND
6	-Vout
7	-Vout
8	+Vout
9	+Vout

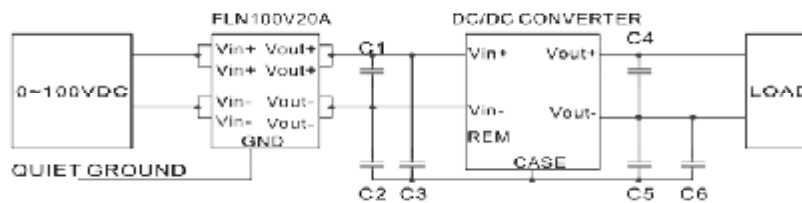
mm	inches
.x ±0.5	.xx ±0.02
.xx ±0.13	.xxx ±0.005

共模插入损耗(Common-mode Insertion Loss)

差模插入损耗(Differential-mode Insertion Loss)



基本应用电路(Basic Application Circuit)



C1、C4 应满足模块应用电路的要求 (参见相关模块的应用说明), C2、C3、C5、C6 应符合模块隔离电压和漏电流要求, 一般在 0.01 ~ 0.1 微法之间。