

DC/DC MZB 系列

引出脚功能兼容，高可靠性，高效率

50-75W



特性

Features

- 管脚功能兼容 Pin function compatible
- 1500VDC 绝缘强度 1500VDC isolation strength
- 快速动态响应 Fast dynamic response
- 高可靠性，高效率 Design for high reliability, high efficiency
- 高功率密度 High power density

输入特性

Input Characteristics

电压范围: **DC-DC** 110V_{DC}(Normal) 66-160V_{DC}
(Voltage Range)

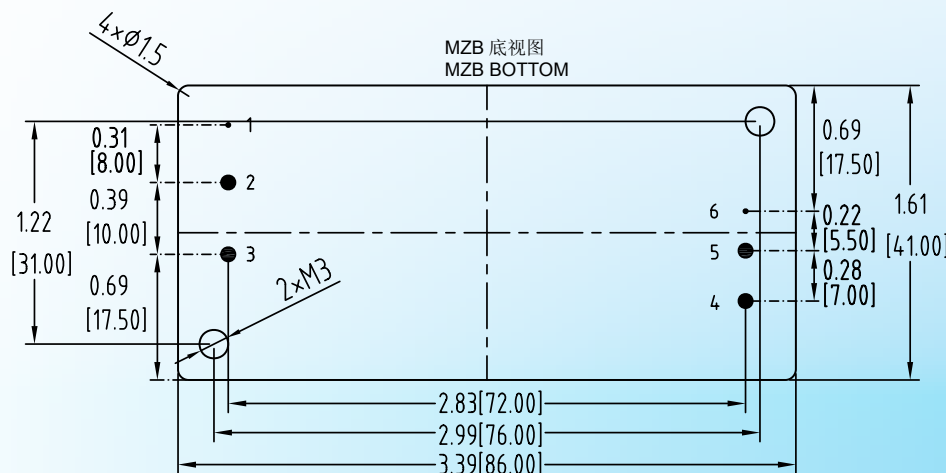
输出特性

Output Characteristics

稳压精度: (Regulated Voltage Accuracy)	± 1%
输出电压调节范围: (Line Regulation)	± 10%
电压调整率: (Line Regulation)	± 0.2%
负载调整率: (Load Regulation)	± 0.5%
温度变化率: (Temperature Coefficient)	± 0.02% /°C
电流限制点: (Output Current Limiting)	120% (Typ)
瞬态响应: (Transient Response)	400 μs

尺寸图

Dimensioned Drawing



单位尺寸为英寸 (毫米)

ALL DIMENSIONS IN INCHES(MM)

物理特性

结构尺寸: 86*41*12.7mm
重量: 0.1Kg

一般特性

General Characteristics

工作频率 (典型值): (Switching Frequency)	250 KHz
隔离电阻: (Isolation Resistance)	200 (Typ)MΩ
MTBF:	>1000000 hrs

绝缘强度 (Insulation Voltage)

输入 - 输出: (Input-Output)	> 1500 V _{DC}
输入 - 外壳: (Input-Case)	> 1050 V _{DC}
输出 - 外壳: (Output-Case)	> 500 V _{DC}

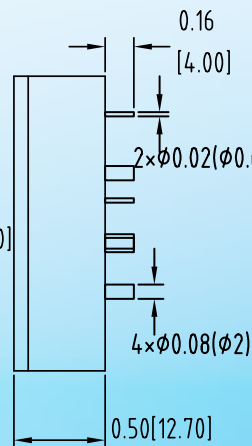
环境特性 (Environmental Characteristics)

工作壳温: (Operation Temperature)	工业品 (Industry)	-25~+85°C
	军 I (Military I)	-40~+85°C
	军 II (Military II)	-55~+85°C
存储温度: (Storage Temperature)	工业品 (Industry)	-45~+105°C
	军品 (Military)	-55~+105°C

热阻特性

Thermal Characteristics

冷却方式: (Cooling)	热阻 (Thermal Resistance)	热阻 (加散热器) (Thermal Resistance)
自然风冷: (Breeze of Nature)	6.52°C /W	5.30°C /W
0.5M/S	5.43°C /W	4.42°C /W
1M/S	4.07°C /W	3.31°C /W
1.5M/S	2.96°C /W	2.41°C /W
2M/S	2.44°C /W	1.99°C /W



引脚 PIN	单路 SING
1	REM
2	-Vin
3	+Vin
4	+Vo
5	-Vo
6	TRIM

DC/DC MZB 系列

型 号

Models

	输入电压 (Vdc) Input Voltage	输入电压 (范围) Input Voltage<Range>	输出电压 (Vdc) Output Voltage	输出电流 (A) Output Current	纹波 pk-pk (mV) Ripple and noise	效率 (Typ) Efficiency	型号 Models
单 路	110	66-160	5.5	10.91	50	88%	MZB60-110S5.5
	110	66-160	12	5	120	88%	MZB60-110S12
	110	66-160	13.6	4.41	120	88%	MZB60-110S13.6
	110	66-160	15	4	150	87%	MZB60-110S15
	110	66-160	5.5	13.64	50	89%	MZB75-110S5.5
	110	66-160	12	6.25	120	88%	MZB75-110S12
	110	66-160	13.6	5.51	120	88%	MZB75-110S13.6
	110	66-160	15	5	150	87%	MZB75-110S15

■ 说明：仅列出典型型号，其它型号请确定功率、输入电压及输出电压后，致电我公司。

Only typical models and listed.If you need other models,please confirm the power,input voltage and output voltage,then phone us.