

# DC/DC CRZ 系列

体积小, 宽电压输入范围

30-50W



### 物理特性

结构尺寸: 71\*37\*15mm  
重量: 0.09Kg

### 特性

### Features

- 可高压输入 Design for high voltage input
- 快速动态响应 Fast dynamic response
- 高效率, 高可靠性 Design for high efficiency, high reliability
- 高功率密度 High power density
- 引出脚功能兼容 Pin function compatible

### 输入特性

### Input Characteristics

电压范围: (Voltage Range)	<b>DC-DC</b> 12V <sub>DC</sub> (Normal)	9-18V <sub>DC</sub>
	24V <sub>DC</sub> (Normal)	18-36V <sub>DC</sub>
	48V <sub>DC</sub> (Normal)	36-72V <sub>DC</sub>
	110V <sub>DC</sub> (Normal)	66-160V <sub>DC</sub>
	300V <sub>DC</sub> (Normal)	200-400V <sub>DC</sub>

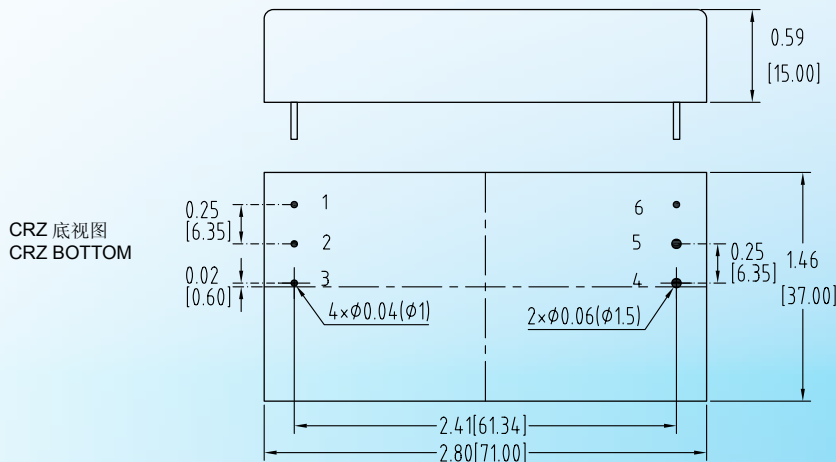
### 输出特性

### 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



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

### 一般特性

### General Characteristics

工作频率 (典型值): (Switching Frequency)	200 KHz
隔离电阻: (Isolation Resistance)	200 (Typ)MΩ
MTBF:	>500000 hrs

### 绝缘强度 (Insulation Voltage)

输入 - 输出: (Input-Output)	> 1500 V <sub>DC</sub>
输入 - 外壳: (Input-Case)	> 1050 V <sub>DC</sub>
输出 - 外壳: (Output-Case)	> 500 V <sub>DC</sub>

### 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)
自然风冷: (Breeze of Nature)	8. 20°C /W
0. 5M/S	6. 83°C /W
1M/S	5. 13°C /W
1. 5M/S	3. 73°C /W
2M/S	3. 07°C /W

单位尺寸为英寸 (毫米)  
ALL DIMENSIONS IN INCHES(MM)

# DC/DC CRZ 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
12	9-18	5	6	50	82%	CRZ30-12S05
12	9-18	12	2.5	120	82%	CRZ30-12S12
12	9-18	15	2	150	82%	CRZ30-12S15
12	9-18	24	1.25	200	83%	CRZ30-12S24
12	9-18	5	8	50	82%	CRZ40-12S05
12	9-18	12	3.33	120	82%	CRZ40-12S12
12	9-18	15	2.67	150	82%	CRZ40-12S15
12	9-18	24	1.67	200	83%	CRZ40-12S24
12	9-18	36	1.11	300	83%	CRZ40-12S36
12	9-18	48	0.83	300	82%	CRZ40-12S48
12	9-18	24	2.08	200	83%	CRZ50-12S24
12	9-18	48	1.04	300	84%	CRZ50-12S48
24	18-36	5	6	50	82%	CRZ30-24S05
24	18-36	12	2.5	120	82%	CRZ30-24S12
24	18-36	15	2	150	82%	CRZ30-24S15
24	18-36	24	1.25	200	83%	CRZ30-24S24
24	18-36	5	8	50	82%	CRZ40-24S05
24	18-36	12	3.33	120	82%	CRZ40-24S12
24	18-36	24	1.67	200	83%	CRZ40-24S24
24	18-36	48	0.83	300	82%	CRZ40-24S48
24	18-36	12	4.17	120	82%	CRZ50-24S12
24	18-36	24	2.08	200	83%	CRZ50-24S24
24	18-36	48	1.04	300	84%	CRZ50-24S48
48	36-72	5	6	50	82%	CRZ30-48S05
48	36-72	12	2.5	120	82%	CRZ30-48S12
48	36-72	24	1.25	200	83%	CRZ30-48S24
48	36-72	5	8	50	82%	CRZ40-48S05
48	36-72	12	3.33	120	82%	CRZ40-48S12
48	36-72	24	1.67	200	83%	CRZ40-48S24
48	36-72	48	0.83	300	82%	CRZ40-48S48
48	36-72	12	4.17	120	82%	CRZ50-48S12
48	36-72	24	2.08	200	83%	CRZ50-48S24
48	36-72	48	1.04	300	84%	CRZ50-48S48
110	66-160	5	6	50	82%	CRZ30-110S05
110	66-160	12	2.5	120	82%	CRZ30-110S12
110	66-160	24	1.25	200	83%	CRZ30-110S24
110	66-160	5	8	50	82%	CRZ40-110S05
110	66-160	12	3.33	120	82%	CRZ40-110S12
110	66-160	24	1.67	200	83%	CRZ40-110S24
110	66-160	5	10	50	82%	CRZ50-110S05
110	66-160	12	4.17	120	82%	CRZ50-110S12
110	66-160	24	2.08	200	83%	CRZ50-110S24
110	66-160	48	1.04	300	84%	CRZ50-110S48
300	200-400	5	6	50	82%	CRZ30-300S05
300	200-400	12	2.50	120	82%	CRZ30-300S12
300	200-400	24	1.25	200	83%	CRZ30-300S24
300	200-400	5	8	50	82%	CRZ40-300S05
300	200-400	12	3.33	120	82%	CRZ40-300S12
300	200-400	24	1.67	200	83%	CRZ40-300S24
300	200-400	48	0.83	300	82%	CRZ40-300S48
300	200-400	12	4.17	120	82%	CRZ50-300S12
300	200-400	24	2.08	200	83%	CRZ50-300S24
300	200-400	48	1.04	300	84%	CRZ50-300S48

单  
路

■ 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.