

AC/DC CRAA 系列

宽电压输入范围
金属外壳
高隔离电压

5-10W



物理特性

结构尺寸: 62*45*25mm
重量: 0.14g

特性

Features

- 宽电压输入范围 Wide range of input voltage
- 输入宽频噪声滤波器 Wideband noise filter of input
- 快速动态响应 Fast dynamic response
- 引出脚功能兼容 Pin function compatible
- 外型设计美观 Attractive outline design
- 符合 UL1950、IEC950 安全规程 Comply with UL1950, IEC950 safety regulations

输入特性

Input Characteristics

电压范围: **AC-DC** 220VAC(Normal) 176-264VAC
(Voltage Range) 85-264VAC

输出特性

Output Characteristics

稳压精度: (Regulated Voltage Accuracy)	± 1%
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
瞬态响应: (Transient Response)	400 μs

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 VAC/1min (漏电流 < 5mA)
输入 - 外壳: (Input-Case)	> 1500 VAC/1min (漏电流 < 5mA)
输出 - 外壳: (Output-Case)	> 500 VDC/1min

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

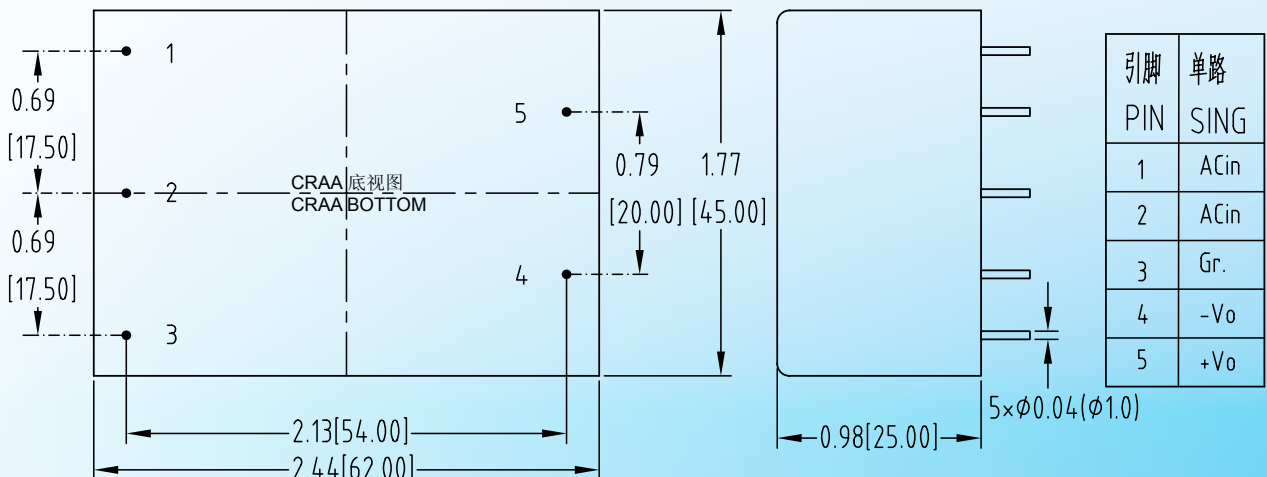
热阻特性

Thermal Characteristics

冷却方式: (Cooling)	热阻 (Thermal Resistance)
自然风冷: (Breeze of Nature)	5. 80°C /W
0. 5M/S	4. 30°C /W
1M/S	2. 80°C /W
1. 5M/S	2. 40°C /W
2M/S	1. 90°C /W

尺寸图

Dimensioned Drawing



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

AC/DC CRAA 系列

型 号

Models

输入电压 (Vac) 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
220	176-264	3.3	1.52	50	82%	CRAA05-220S3.3
220	176-264	05	1	50	82%	CRAA05-220S05
220	176-264	09	0.56	90	82%	CRAA05-220S09
220	176-264	12	0.42	120	82%	CRAA05-220S12
220	176-264	13.8	0.36	120	82%	CRAA05-220S13.8
220	176-264	15	0.33	150	82%	CRAA05-220S15
220	176-264	18	0.28	200	82%	CRAA05-220S18
220	176-264	20	0.25	200	83%	CRAA05-220S20
220	176-264	24	0.21	200	83%	CRAA05-220S24
220	176-264	3.3	2.42	50	82%	CRAA08-220S3.3
220	176-264	05	1.6	50	82%	CRAA08-220S05
220	176-264	09	0.89	90	82%	CRAA08-220S09
220	176-264	12	0.67	120	82%	CRAA08-220S12
220	176-264	13.8	0.58	120	82%	CRAA08-220S13.8
220	176-264	15	0.53	150	82%	CRAA08-220S15
220	176-264	18	0.44	200	82%	CRAA08-220S18
220	176-264	20	0.4	200	83%	CRAA08-220S20
220	176-264	24	0.33	200	83%	CRAA08-220S24
220	176-264	3.3	3.03	50	82%	CRAA10-220S3.3
220	176-264	05	2	50	82%	CRAA10-220S05
220	176-264	09	1.11	90	82%	CRAA10-220S09
220	176-264	12	0.83	120	82%	CRAA10-220S12
220	176-264	13.8	0.72	120	82%	CRAA10-220S13.8
220	176-264	15	0.67	150	82%	CRAA10-220S15
220	176-264	18	0.56	200	82%	CRAA10-220S18
220	176-264	20	0.5	200	83%	CRAA10-220S20
220	176-264	24	0.42	200	83%	CRAA10-220S24
220	85-264	3.3	1.52	50	82%	CRAA05-220S3.3
220	85-264	05	1	50	82%	CRAA05-220S05
220	85-264	09	0.56	90	82%	CRAA05-220S09
220	85-264	12	0.42	120	82%	CRAA05-220S12
220	85-264	13.8	0.36	120	82%	CRAA05-220S13.8
220	85-264	15	0.33	150	82%	CRAA05-220S15
220	85-264	18	0.28	200	82%	CRAA05-220S18
220	85-264	20	0.25	200	83%	CRAA05-220S20
220	85-264	24	0.21	200	83%	CRAA05-220S24
220	85-264	3.3	2.42	50	82%	CRAA08-220S3.3
220	85-264	05	1.6	50	82%	CRAA08-220S05
220	85-264	09	0.89	90	82%	CRAA08-220S09
220	85-264	12	0.67	120	82%	CRAA08-220S12
220	85-264	13.8	0.58	120	82%	CRAA08-220S13.8
220	85-264	15	0.53	150	82%	CRAA08-220S15
220	85-264	18	0.44	200	82%	CRAA08-220S18
220	85-264	20	0.4	200	83%	CRAA08-220S20
220	85-264	24	0.33	200	83%	CRAA08-220S24
220	85-264	3.3	3.03	50	82%	CRAA10-220S3.3
220	85-264	05	2	50	82%	CRAA10-220S05
220	85-264	09	1.11	90	82%	CRAA10-220S09
220	85-264	12	0.83	120	82%	CRAA10-220S12
220	85-264	13.8	0.72	120	82%	CRAA10-220S13.8
220	85-264	15	0.67	150	82%	CRAA10-220S15
220	85-264	18	0.56	200	82%	CRAA10-220S18
220	85-264	20	0.5	200	83%	CRAA10-220S20
220	85-264	24	0.42	200	83%	CRAA10-220S24

■ 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.