

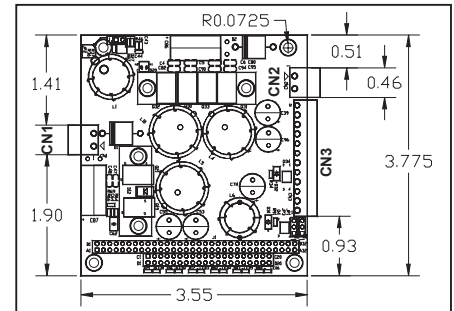
PM-P001 *PC/104 100 W DC to DC Converter Module*



Features

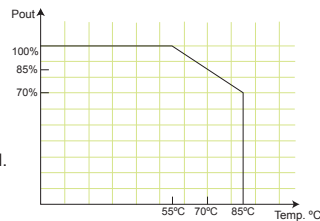
1. High efficiency up to 96%
2. Over voltage protection
3. Over current protection
4. Input power protection
5. Short circuit protection
6. Low quiescent current
7. Low EMI & RFI
8. RoHS compliant
9. Remote on/of
10. AT or ATX mode
11. Non-isolated type

Dimensions (Inches)

1
Application
Server
Platform2
Single
Board
Computer3
iBX Series
POS PC4
AFOLUX
POS
Panel PC5
Video
Capture
Card6
KAMIO
RISC7
IOVU
Open HMI8
VITO
Universal
Controller9
DINO
BLADE10
LCD
Product
Series11
Embedded
System12
Industrial
Computer
Chassis13
Power
Supply14
Peripherals

Specifications

- Output (max.): 5 V@12 A, 12 V@2.5 A, 5 VSB@1 A & -12 V@ 500 mA
Max. total output: 100 W
- Input: 6 VDC to 36 VDC
- Performance characteristics
Line regulation: <40 mV*
Load regulation: <150 mV
Efficiency: up to 95%
Quiescent current: <1 mA**
* Measure on 5 V output
** The LEDs and the 5 VSB are disabled.
- Remote on/off (jumper select)
signal PS_ON control power on/off
Active high or active low
- Dimensions: 3.775" X 3.55"
- Weight: GW: 440 g; NW: 178 g
- Operating temperature: -40°C ~ 85°C



PIN Assignments

Primary Input Power Terminal

CN1	Pin1	Pin2
	GND	VIN1

Secondary Input (Pass thru.)

CN2	Pin1	Pin2
	GND	VIN2

Output Power Terminal

CN3	Pin1	Pin2	Pin3	Pin4	Pin5	Pin6
	PW_OK	PS_ON	GND	-12 V	GND	+12 V
	Pin7	Pin8	Pin9	Pin10	Pin11	Pin12
	GND	GND	+5 V	+5 V	5 VSB	GND

Ordering Information

Part No.	Description
PM-P001-R10	100 W DC/DC 6-36 VDC input; 12 V, 5 V, -12 V, 5 VSB output

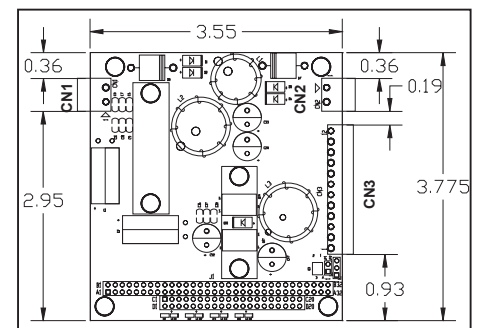
PM-P002 *PC/104 100 W DC to DC Converter Module*



Features

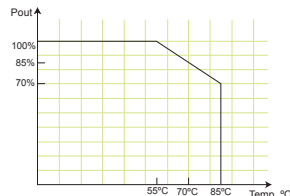
1. High efficiency up to 90%
2. Over voltage protection
3. Over current protection
4. Input power protection
5. Short circuit protection
6. Low quiescent current
7. Low EMI & RFI
8. RoHS compliant
9. Remote on/off
10. Non-isolated type

Dimensions (Inches)



Specifications

- Output (max.): 5 V@8 A, 12 V@5 A
Max. total output: 100 W
- Input: 8 VDC to 36 VDC
- Performance characteristics
Line regulation: <20 mV*
Load regulation: <150 mV
Efficiency: up to 90%
Quiescent current: <2 mA**
* Measure on 5 V output
** The LEDs are disabled.
- Remote on/off (jumper select)
signal PS_ON control power on/off
Active high or active low
- Dimensions: 3.775" X 3.55"
- Weight: GW: 432 g; NW: 170 g
- Operating temperature: -40°C ~ 85°C



PIN Assignments

Primary Input Power Terminal

CN2	Pin1	Pin2
	GND	VIN2

Secondary Input (Pass thru.)

CN1	Pin1	Pin2
	GND	VIN1

Output Power Terminal

CN3	Pin1	Pin2	Pin3	Pin4	Pin5	Pin6
	PW_OK	PS_ON	GND	+12V	+12V	GND
	Pin7	Pin8	Pin9	Pin10	Pin11	Pin12
	GND	+5 V	+5 V	+5 V	+5 V	GND

Ordering Information

Part No.	Description
PM-P002-R10	100 W DC/DC 8-36 VDC input; 12 V, 5 V output

Packing information

1 x PM-P002	1 x Manual
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