

5 Watt, PSD Series, Open Frame DC-DC Converter

ALL PSU LTD
Electronic Power Solutions

- DC Inputs From 36 to 72 Volts
- 2000 Volts Isolated Output
- Low Ripple, Built In Filter
- High Reliability
- Short Circuit, Overload, Overvoltage, Over temperature Protected
- Compact Size, Light Weight, CE Marked
- Conformal Coating Option
- Very Competitively Priced



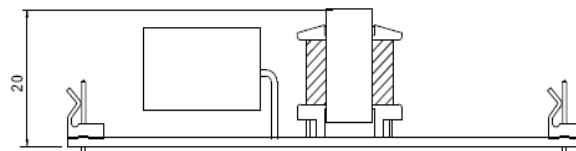
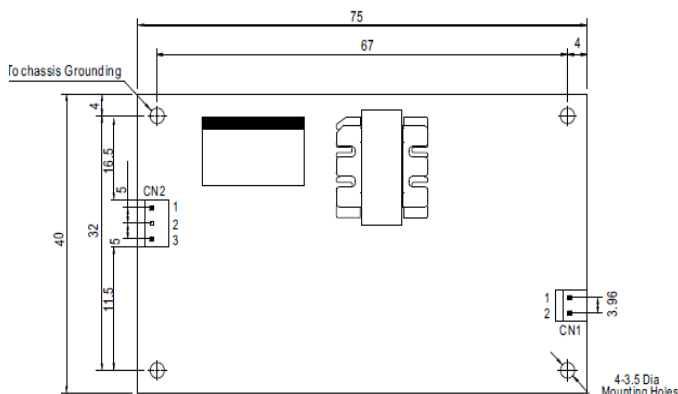
Specification

Input Voltage.....	36~72 VDC
Output Voltage.....	Fixed see table below
Overload Protection.....	>105% (foldback current limiting)
Overvoltage Protection.....	115~135% of output voltage
Isolation.....	I/P-O/P: 2 kVAC
Operating Temperature.....	-10 ~ +60 °C (derates above 50°C to 60% at 60°C)
Safety Standards.....	CE Marked
EMC Standards.....	EN55022 (CISR22) Class B, EN61000-4-2,3,4,6,8 ENV50204, EN55024 EN61000-6-1, Light industry level Criteria A
Mechanical Size & Weight.....	75 x 40 x 20mm, 52 Grammes
Connections.....	Input and Output Molex Plug In

Models and Ratings

Model	Input Voltage	Output Voltage / Current	Ripple/Noise	Efficiency
PSD-05-5	36~72 VDC	5 Volts / 1 Amp	50 mV	75%
PSD-05-12		12 Volts / 0.45 Amps	100 mV	78%
PSD-05-24		24 Volts / 0.22 Amps	150 mV	78%

Mechanical Details



Input Connections CN2	
1	Earth
2	+V in
3	-V in
Output Connections CN1	
1	+V out
2	-V out

Specifications can change without notice. E&OE. ALL PSU Terms & Conditions apply

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