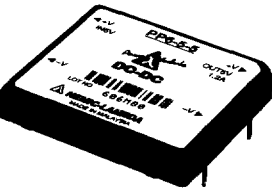


PP Series

Low power isolated DC-DC converters



- Low Profile
- Available in Single & Dual Outputs
- 5/12/24/48 Volt Inputs
- High Efficiency
- Isolated Outputs
- Low Parts Count
- Wide Input Range
- Flow Solderable
- Solvent Proof
- Industry Standard Footprint

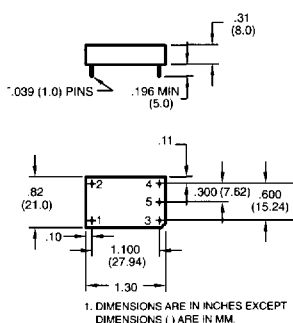
For lower power (1.5W to 6W) applications, Lambda's low profile, low cost PP Series is an ideal solution. They have industry-standard pin-outs, a height of only 8mm and are available in single (5,12, & 15) and dual (± 12 & ± 15) outputs with 5, 12, 24, & 48 volt inputs.

Similar products		Page
PM	Medium Power	76
SM	(10-30W) Surface Mount	78
KWS	AC-DC BD Mount	10

DC Input	5V (4.5 to 7.2V). 12V (9 to 18V). 24V (18 to 36V). 48V (32 to 63V).
Line Regulation	0.4%.
Load Regulation	0.6%.
Ripple and Noise	120mV pk-pk for 5V ; 150mV pk-pk for 12V and 15V.
Setpoint Accuracy	±5%.
Overload Protection	Avoid overloading auxiliary outputs for greater than 30 seconds.
Operating Temperature Range	-20°C to +71°C. Derate linearly above +50°C. from full load to 20% at +71°C.
Storage Temperature	-40°C to +85°C.
Temperature Coefficient	0.03% per °C.
Isolation	Input to chassis – 500VAC. Input to Output – 500VAC. Output to Chassis – 500VDC. 25°C and 70% humidity.
Warranty	2 years.

VOLTAGE (V)	CURRENT (A)	POWER (W)	5V INPUT	12V INPUT	MODEL	24V INPUT	48V INPUT
Single Outputs							
5	0.30	1.50	PP1R5-5-5	PP1R5-24-5	PP1R5-24-5	PP1R5-48-5	PP1R5-48-5
5	0.60	3.00	PP3-5-5	PP3-12-5	PP3-24-5	PP3-48-5	PP3-48-5
5	2.00	10.00	PP10-5-5	-	-	-	-
12	0.12	1.44	PP1R5-5-12	PP1R5-12-12	PP1R5-24-12	PP1R5-48-12	PP1R5-48-12
12	0.25	3.00	PP3-5-12	PP3-12-12	PP3-24-12	PP3-48-12	PP3-48-12
15	0.10	1.50	PP1R5-5-15	PP1R5-12-15	PP1R5-24-15	PP1R5-48-15	PP1R5-48-15
15	0.20	3.00	PP3-5-15	PP3-12-15	PP3-24-15	PP3-48-15	PP3-48-15
Dual Outputs							
±12	0.06	1.44	PPD1R5-5-1212	PPD1R5-12-1212	PPD1R5-24-1212	PPD1R5-48-1212	PPD1R5-48-1212
±12	0.12	2.88	PPD3-5-1212	PPD3-12-1212	PPD3-24-1212	PPD3-48-1212	PPD3-48-1212
±12	0.42	10.00	PPD10-5-1212	-	-	-	-
±15	0.05	1.50	PPD1R5-5-1515	PPD1R5-12-1515	PPD1R5-24-1515	PPD1R5-48-1515	PPD1R5-48-1515
±15	0.10	3.00	PPD3-5-1515	PPD3-12-1515	PPD3-24-1515	PPD3-48-1515	PPD3-48-1515
±15	0.20	6.00	PPD6-5-1515	PPD6-12-1515	PPD6-24-1515	PPD6-48-1515	PPD6-48-1515
±15	0.33	10.00	PPD10-5-1515	-	-	-	-

PP1/PPD1



PP1 TERM ASSIGNMENTS:

TERM	ASSIGNMENTS:
1	+V INPUT
2	-V INPUT
3	+V OUTPUT
4	-V OUTPUT

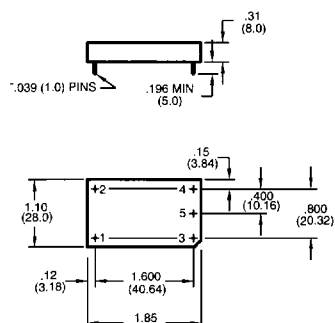
PP1 WEIGHT: 15 GRAMS.

PPD1 TERM ASSIGNMENTS:

TERM	ASSIGNMENTS:
1	+V INPUT
2	-V INPUT
3	+V OUTPUT
4	-V OUTPUT
5	COM OUTPUT

PPD1 WEIGHT: 15 GRAMS.

PP3/PPD3



PP3 TERM ASSIGNMENTS:

TERM	ASSIGNMENTS:
1	+V INPUT
2	-V INPUT
3	+V OUTPUT
4	-V OUTPUT

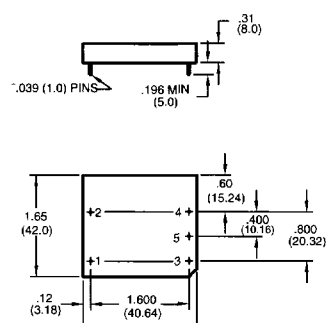
PP3 WEIGHT: 25 GRAMS.

PPD3 TERM ASSIGNMENTS:

TERM	ASSIGNMENTS:
1	+V INPUT
2	-V INPUT
3	+V OUTPUT
4	-V OUTPUT
5	COM OUTPUT

PPD3 WEIGHT: 25 GRAMS.

PP6/PPD6



PP6 TERM ASSIGNMENTS:

TERM	ASSIGNMENTS:
1	+V INPUT
2	-V INPUT
3	+V OUTPUT
4	-V OUTPUT

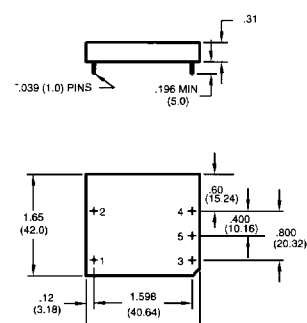
PP6 WEIGHT: 30 GRAMS.

PPD6 TERM ASSIGNMENTS:

TERM	ASSIGNMENTS:
1	+V INPUT
2	-V INPUT
3	+V OUTPUT
4	-V OUTPUT
5	COM OUTPUT

PPD6 WEIGHT: 30 GRAMS.

PP10/PPD10



PP10 TERM ASSIGNMENT:

TERM	ASSIGNMENT:
1	+V INPUT
2	-V INPUT
3	+V OUTPUT
4	-V OUTPUT

PP10 WEIGHT: 40 GRAMS

PPD10 TERM ASSIGNMENTS:

TERM	ASSIGNMENTS:
1	+V INPUT
2	-V INPUT
3	+V OUTPUT
4	-V OUTPUT
5	COM OUTPUT

PPD10 WEIGHT: 40 GRAMS.