

5-6 WATT FIXED INPUT DC/DC POWER MODULES

(Square Package)

FEATURES

- 5.0 to 6.0 Watt Isolated Output
- Regulated Output
- High Performance
- Low Ripple and Noise

GENERAL SPECIFICATIONS

- Efficiency 60%
- Switching Frequency 20KHz Min.
- Isolation Voltage: 500Vdc Min.
- Operating Temperature -25 to +75°C
Derate Linearly to no load @ 100°C max.
- Case Material:
Non-Conductive Black Plastic
- EMI/RFI..... Six-Sided Continuous Shield

INPUT SPECIFICATIONS

- Voltage 5,12, 24, 28, 48 Vdc
- Voltage Range $\pm 10\%$
- Input Filter Pi Type

OUTPUT SPECIFICATIONS

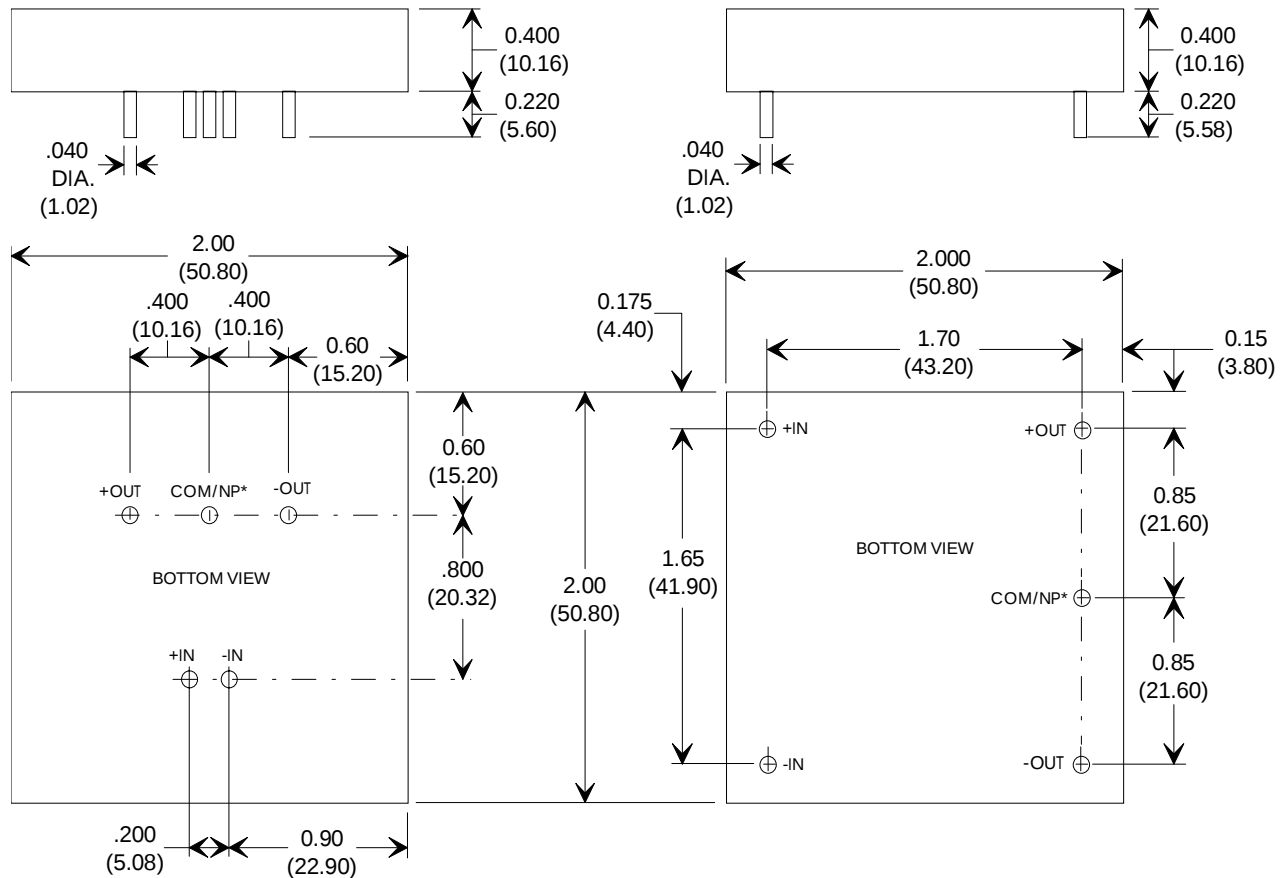
- Voltage Per Table
- Initial Voltage Accuracy $\pm 1\%$ typ
- Voltage Stability $\pm 0.05\%$ max
- Ripple & Noise Single/Dual..... 50/35 mVp-p Max
- Load Regulation $\pm 0.05\%$
- Line Regulation $\pm 0.02\%$ typ.
- Temp Coefficient $\pm 0.02\%$ / $^{\circ}\text{C}$
- Short Circuit Protection Short Term

PACKAGE "AA"

PHYSICAL DIMENSIONS
DIMENSIONS IN inches (mm)

PACKAGE " BB"

P_M PDCx06xxxx
YYWW



NP* - NO PIN ON SINGLE OUTPUT MODELS

Specifications subject to change without notice.

PDCx0608x 02/01

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ELECTRICAL SPECIFICATIONS AT 25°C - OPERATING TEMPERATURE RANGE -25°C TO +75°C

PART NUMBER	INPUT VOLTAGE (Vdc)	OUTPUT VOLTAGE (Vdc)	OUTPUT CURRENT (mA dc)	INPUT CURRENT		PACKAGE
				NO LOAD mA	FULL LOAD mA	
PDCS06081	5	5	1000	60	1700	AA
PDCS06082	5	12	470	70	1750	AA
PDCS06083	5	15	400	70	1800	AA
PDCD06082	5	±12	±230	130	1700	AA
PDCD06083	5	±15	±190	140	1700	AA
PDCS06086	12	5	1000	40	690	AA
PDCS06087	12	12	470	40	700	AA
PDCS06088	12	15	400	40	750	AA
PDCD06087	12	±12	±230	60	710	AA
PDCD06088	12	±15	±190	60	710	AA
PDCS06091	24	5	1000	20	350	AA
PDCS06092	24	12	470	20	340	AA
PDCS06093	24	15	400	20	360	AA
PDCD06092	24	±12	±230	35	360	AA
PDCD06093	24	±15	±190	35	360	AA
PDCS06096	28	5	1000	20	290	AA
PDCS06097	28	12	470	20	300	AA
PDCS06098	28	15	400	20	310	AA
PDCD06092	28	±12	±230	25	290	AA
PDCD06093	28	±15	±190	25	290	AA
PDCS06101	48	5	1000	14	170	AA
PDCS06102	48	12	470	14	170	AA
PDCS06103	48	15	400	14	180	AA
PDCD06102	48	±12	±230	20	170	AA
PDCD06103	48	±15	±190	20	170	AA
PDCS06106	5	5	1000	60	1700	BB
PDCS06107	5	12	470	70	1750	BB
PDCS06108	5	15	400	70	1800	BB
PDCD06107	5	±12	±230	130	1700	BB
PDCD06108	5	±15	±190	140	1700	BB
PDCS06111	12	5	1000	40	690	BB
PDCS06112	12	12	470	40	700	BB
PDCS06113	12	15	400	40	750	BB

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PART NUMBER	INPUT VOLTAGE (Vdc)	OUTPUT VOLTAGE (Vdc)	OUTPUT CURRENT (mA _{dc})	INPUT CURRENT		PACKAGE
				NO LOAD mA	FULL LOAD mA	
PDCD06112	12	±12	±230	60	710	BB
PDCD06113	12	±15	±190	60	710	BB
PDCS06116	24	5	1000	20	350	BB
PDCS06117	24	12	470	20	340	BB
PDCS06118	24	15	400	20	360	BB
PDCD06117	24	±12	±230	35	360	BB
PDCD06118	24	±15	±190	35	360	BB
PDCS06121	28	5	1000	20	290	BB
PDCS06122	28	12	470	20	300	BB
PDCS06123	28	15	400	20	310	BB
PDCD06122	28	±12	±230	25	290	BB
PDCD06123	28	±15	±190	25	290	BB
PDCS06126	48	5	1000	14	170	BB
PDCS06127	48	12	470	14	170	BB
PDCS06128	48	15	400	14	180	BB
PDCD06127	48	±12	±230	20	170	BB
PDCD06128	48	±15	±190	20	170	BB