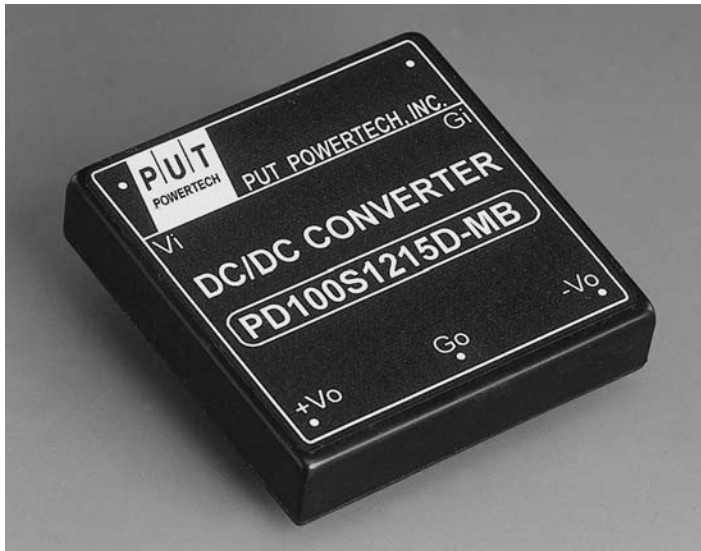


DC/DC CONVERTER

REGULAR
10WATT



PD100...D-M

KEY FEATURES

- * High I/O isolation voltage
- * MOSFET design
- * Single and dual outputs
- * Input filter
- * 40~70KHz Min. switching frequency
- * Compatible to other manufacturers' products

APPLICATIONS

- * Telecommunications / Lan
- * Industrial machines

ELECTRICAL SPECIFICATIONS

INPUT

- * Input range ----- +/-10% Max
- * Input filter ----- Pi-Network

OUTPUT

- * Output voltage accuracy --- +/- 1% Typ..
- * Line regulation (HL - LL) --- +/-0.2% Max.
- * Load regulation (FL - 1/2L) --- +/-0.2% Max.
- * Ripple and noise, 20MHz bandwidth --- 100mVp-p Max.
- * Temperature coefficient --- +/-0.03%/°C
- * Short circuit protection --- Fold back

GENERAL

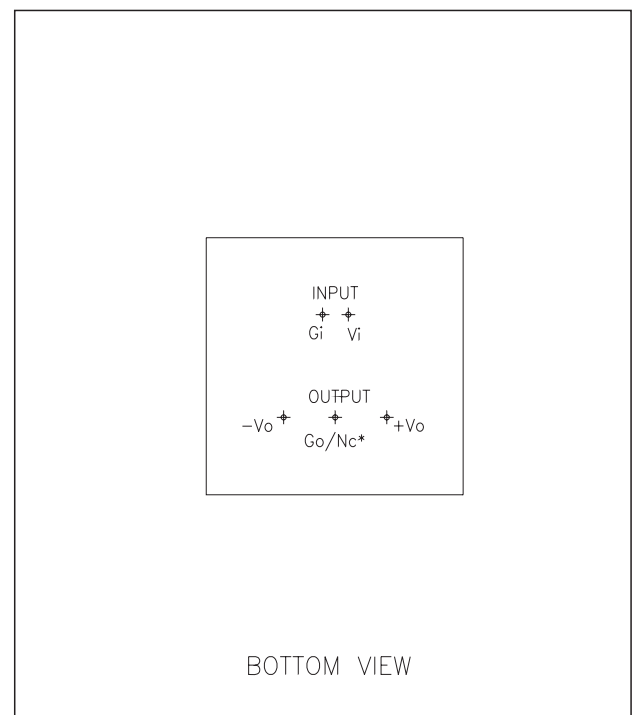
- * Operating frequency ----- 40~70KHz Min.
- * I/O isolation voltage ----- 1,000 VDC
- * I/O resistance ----- 1G ohms Min.
- * Efficiency ----- 65 ~ 75% Typ.

ENVIRONMENTAL

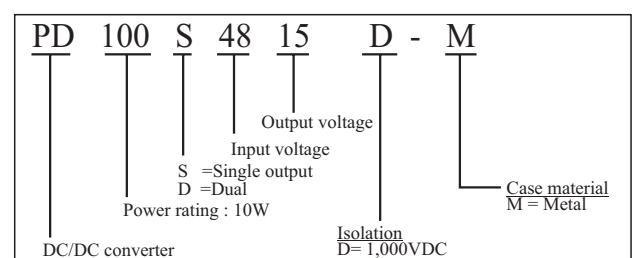
- * Operating temperature range ----- -25 ~ +70°C
- * Storage temperature range ----- -40 ~ +100°C
- * Cooling ----- Free air convection

All specifications typical at nominal line, full load, and 25°C unless otherwise noted.

PIN ASSIGNMENT



ORDERING INFORMATION



PUT POWERTECH, INC. TEL : 886-2-22181510 FAX : 886-2-22181512 E-MAIL : sales@putpowertech.com

WEB: www.putpowertech.com

INPUT / OUTPUT SPECIFICATION

TYPE PD	Input Voltage(VDC)	Input Current (mA)		Output Voltage(VDC)	Output Current (mA)
		No load	Full load		
PD100S0505M-M	5	300	3250	5	2000
PD100S0512M-M	5	300	2900	12	830
PD100S0515M-M	5	300	2900	15	665
PD100D0512M-M	5	300	2900	±12	± 415
PD100D0515M-M	5	300	2900	±15	± 333
PD100S1205M-M	12	50	1200	5	2000
PD100S1212M-M	12	50	1160	12	830
PD100S1215M-M	12	50	1160	15	665
PD100D1212M-M	12	50	1160	±12	± 415
PD100D1215M-M	12	50	1160	±15	± 333
PD100S2405M-M	24	40	610	5	2000
PD100S2412M-M	24	40	570	12	830
PD100S2415M-M	24	40	570	15	665
PD100D2412M-M	24	40	570	±12	± 415
PD100D2415M-M	24	40	570	±15	± 333
PD100S2805M-M	28	40	520	5	2000
PD100S2812M-M	28	40	490	12	830
PD100S2815M-M	28	40	490	15	665
PD100D2812M-M	28	40	490	±12	± 415
PD100D2815M-M	28	40	490	±15	± 333
PD100S4805M-M	48	30	300	5	2000
PD100S4812M-M	48	30	280	12	830
PD100S4815M-M	48	30	280	15	665
PD100D4812M-M	48	30	280	±12	± 415
PD100D4815M-M	48	30	280	±15	± 333

NOTES: * Specifications are for convection rating unless otherwise stated.
 * Detailed engineering specification of each model is available for inquiry.
 * Specifications subject to change without notice.

MECHANICAL DRAWING

