



LP5 Series

Output: 2.5V to 5.0V @ 2A to 3A

Isolated Input: 48, 24 or 12V



LP5 Module provides precise regulation, fast transient response and high efficiency.

Applications

- Ideal for distributed Power/Telecom applications where mother board space is limited.
- Excellent application to meet system bias voltage requirements.

MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT
LP5I48A1	48VDC	2.5V	2.5A
LP5I48B1	48VDC	3.3V	3.0A
LP5I48C1	48VDC	5.0V	3.0A
LP5I24A1	24VDC	2.5V	2.5A
LP5I24B1	24VDC	3.3V	3.0A
LP5I24C1	24VDC	5.0V	3.0A
LP5I12A1	12VDC	2.5V	2.5A
LP5I12B1	12VDC	3.3V	3.0A
LP5I12C1	12VDC	5.0V	3.0A

S = SMT MOUNT OPTION

Features

- High efficiency - Typical efficiency @ 25°C greater than 80%
- Available in Through-hole or SMT packages.
- Wide Input Voltage Range 36VDC to 72VDC.
- 1500 VDC Isolation Input to output.

Specifications

- Operating Temperature -40°C to +85°C
- Overvoltage Protection
- Overcurrent and short circuit protection. Automatic Recovery.
- No minimum load required.
- Ripple and Noise 50 mV pk-pk
- Line Regulation: ±0.5%
- Load Regulation: ±2%
- Within FCC and en 55002 Class "B" radiated limits.
- Airflow: 200 LFM
- Dimensions: 2.7" x 0.5" x 0.495"
- Flammability: PCB meets 94V0