CHB75
37.5 TO 75 WATT WIDE INPUT DC-DC CONVERTERS SINGLE OUTPUT

Only for Nominal Input Voltage 24 & 48 VDC

Features

- 37.5W-75W Isolated Output
- Efficiency to 85%
- 300KHz Switching Frequency
- Five-Sided Metal Case
- 2:1 Input Range

- Regulated Outputs
- Continuous Short Circuit Protection
- Factory Sealed
- Industry Standard Half-Brick Package

Specifications

**INPUT SPECIFICATIONS:**
- Input Voltage Range: 12V to 56V
- Output Voltage Range: ±5V
- Overvoltage lockout: 12V, 20mA

**GENERAL SPECIFICATIONS:**
- Efficiency: ≥85%
- Isolation Voltage: 5kV
- Input/Output: 1000VDC min.

**INPUT OUTPUT SPECIFICATIONS:**
- Voltage Accuracy: ±1% max.
- Transient Response: 2% Step Load Charge
- Output Voltage Ripple & Noise: 20kHz, 2.5V & 3.3V & 5V

CASE HB

All dimensions are in inches

**Pin Connection**

1. In
2. ON/OFF
3. CASE
4. -In
5. SENSE
6. OP
7. TRIM
8. SENSE
9. TRIM

**NOTE:**
1. Measured from High Line to Low Line
2. Measured from Full Load to Zero Load
3. Logic Compatibility
4. Open Collector
5. Open Circuit
6. Module OFF
7. ±0.5V
8. S/N ratio
9. Vout

All Specifications Typical At Nominal Input Voltage, Full Load and 25°C Unless Otherwise Noted.