



Optillis

LPS100A Series

LED Backlight Power Control



Features

- Low Cost – Constant Current Led Backlight Driver Board for the **OPTREX** line of LCD's
- Form Factor and Control Interface compatible to existing CCFL Driver Boards
- 3 / 4 wire operation
- 87% efficiency
- RoHs
- Extended Temperature Range
- Power on soft start

Displays Supported

OPTREX Flat Panel Display
Total Solution Provider

- 5.7" Optrex T-55265GD057J-LW-ABN
- 5.7" Optrex T-55265GD057J-LW-ACN
- 6.5" Optrex T-51750GD065J-LW-AON
- 6.5" Optrex T-51750GD065J-LW-AQN
- 6.5" Optrex T-55465GD065J-LW-A-AAN
- 6.5" Optrex T-55465GD065J-LW-A-ABN
- 8.4" Optrex T-55466D084J-LW-A-AAN
- 8.4" Optrex T-55467D084J-LW-A-AAN
- 10.4" Optrex T-55533D104J-LW-A-AAN
- 10.4" Optrex T-55532D104J-LW-A-AAN
- 12.1" Optrex T-55373D121J-LW-A-AAN
- 12.1" Optrex T-55374D121J-LW-A-AAN

Specifications

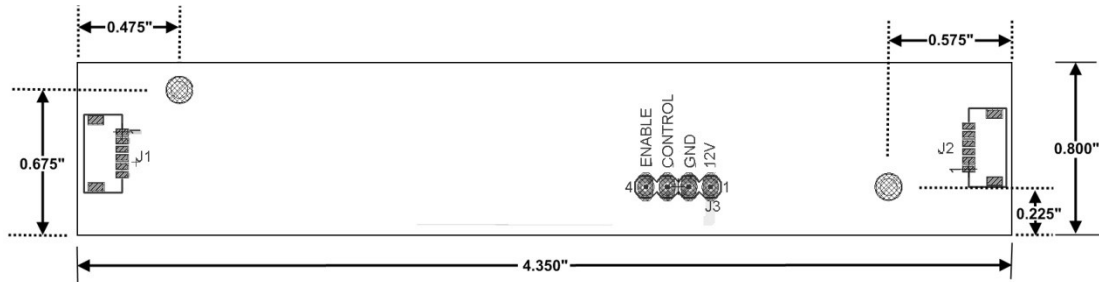
- 5v & 12v VDC input
- Brightness Control Input for wide dimming (0-100%)
- -40 to 85 C operating temperature
- 0.800"W x 4.35"L x 0.4" H
- SM06B-SHLS-TF LED connectors for easy pin to pin cabling
- Standard cables are available in 8 and 10 inch lengths

www.optillis.com

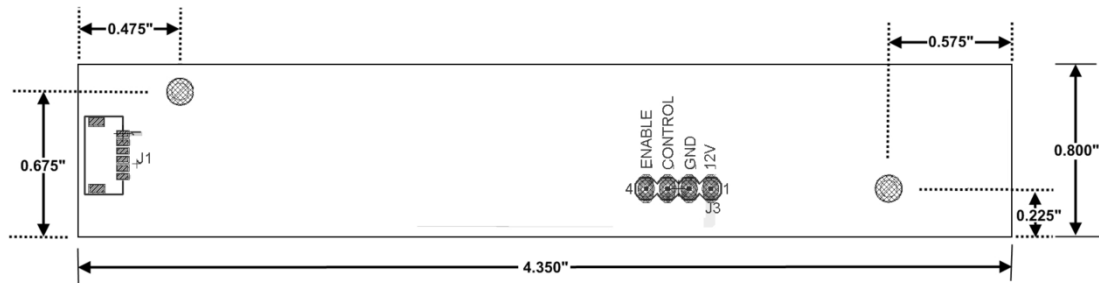
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Optillis 2009 Rev A

Dimensions / Connector location for LPS100A Series



- Dimensions / Connector location for P/N LPS100A-2,3,4,5,6 (note only 1 connector – J1)



Part Numbering / Ordering

LPS100A-xy

x – LCD type (see website for individual specifications)

- 1 (6.5" Optrex T-51750GD065J-LS-AON & T-51750GD065J-LS-AQN)
- 2 (5.7" Optrex T-55265GD057J-LW-ABN & T-55265GD057J-LW-ACN)
- 3 (8.4" Optrex T-55466D084J-LW-A-AAN & T-55467D084J-LW-A-AAN)
- 4 (10.4" Optrex T-55533D104J-LW-A-AAN & T-55532D104J-LW-A-AAN)
- 5 (12.1" Optrex T-55373D121J-LW-A-AAN & T-55374D121J-LW-A-AAN)
- 6 (6.5" Optrex T-55465GD065J-LW-A-AAN & T-55465GD065J-LW-A-ABN)

y – Enable Control Voltage

- Blank Connection not required. Default ON with internal pullup to Vin. Can be disabled with GND connection.
- 1 2 VDC or greater = Enabled. 1VDC or less = Disabled.