5.7-inch Hitachi Enclosed Unit

A metal enclosure houses an SLCD board, industrial 12-24 DC input power supply, backlight drive, and panel. Two-part screw-type Phoenix connectors are used for power and communications. The units support both RS232 and RS485 / RS422 interfaces. The enclosure can be easily mounted in a panel, using a rectangular cutout and drilled mounting holes. A compression gasket provides an effective waterproof seal for NEMA 4 requirements (indoor/outdoor applications protected from windblown dust, rain, or hose-directed water).

This legacy solution is available for existing customers. The 5.7" Prime View Enclosed is generally recommended for new designs.

The 5.7-inch Hitachi unit features:

*   TFT panel.

*   Resistive touch screen.

*   Perfect for industrial and medical control surfaces.

*   Powered by the SLCD controller.

How to Get Started

To get started with a 5.7-inch enclosed unit, order product number 50-0006 which includes connectors and comes with a CD that contains utility software, sample images, and sample code. Order the optional Enclosed Unit Accessory Kit product number 42-0082-01 for a DB9 data cable and power supply.

Visit our, "How can I get stated?" webpage, call 510-770-1417, or email sales@reachtech.com for more information or to order.
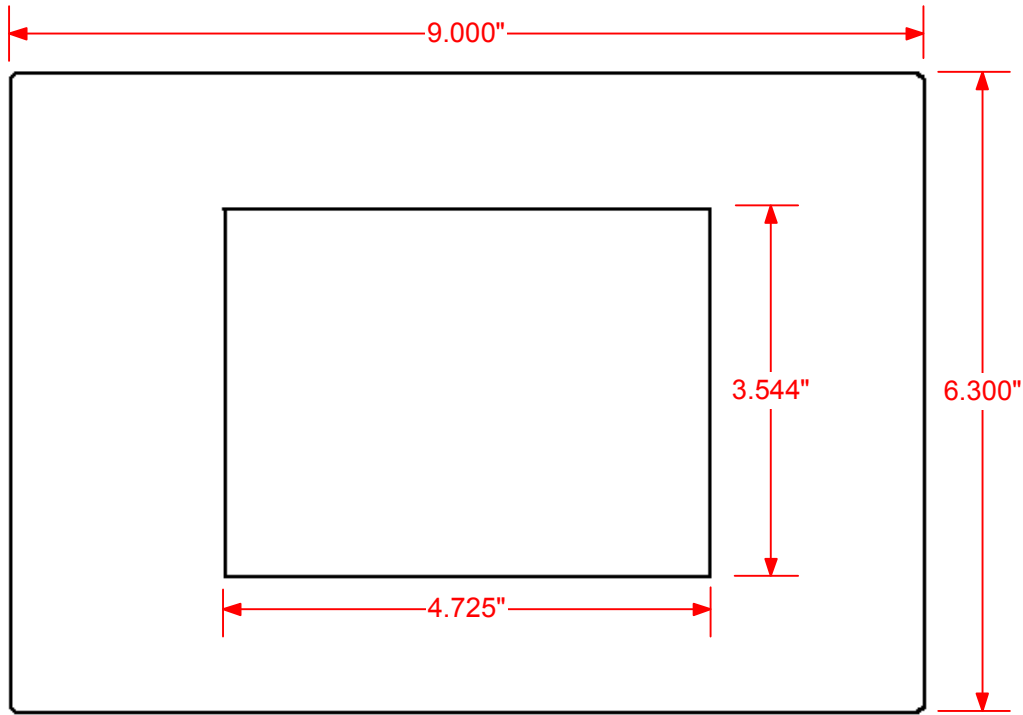

5.7-inch Hitachi Enclosed Unit front view
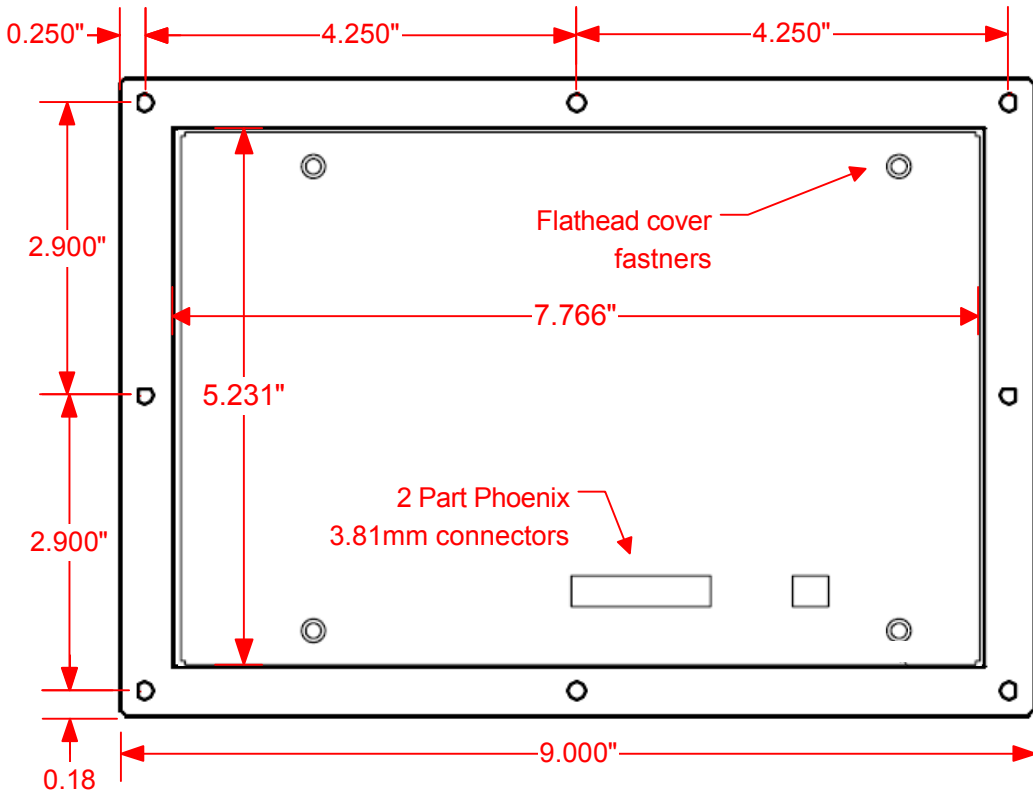
Product Specifications

Product Part Number	50-0006
Reach Board Model	SLCD
Display Manufacturer	Hitachi
Display Size and Type	5.7" TFT
Colors	256
Display Viewing Area (mm)	86.4 (H) x 115.2 (W)
Horizontal Viewing Angle (degrees)	100 (typ.)
Vertical Viewing Angle (degrees)	40 (Top) 80 (Bottom) (typ.)
Screen Resolution	320x240
Screen Type	QVGA
Display Brightness (cd/m2)	280 (typ.), with touch
Touch Panel Type	Resistive
Operating Temperature	-10°C to 70°C
Storage Temperature	-30°C to 70°C
Supply Voltage	12-24VDC±10%
Power Requirement	8.5W max.
Interface Connector	Two part Phoenix type
Serial Interface	RS232 / RS485
Backlight Display	CCFL
Number of Serial Ports	2
USB Port	No
SD Card Slot	No
Microprocessor	16/32 bit CISC
Flash Memory	512K
RoHS	Yes

5.7" Hitachi Enclosed Unit Physical Dimensions

FRONT VIEW

|←——————— 9.000" ———————→|

3.544"

6.300"

|←——— 4.725" ———→|

BACK VIEW

SIDE VIEW

0.250"→ |←——— 4.250" ———→|←——— 4.250" ———→|

0.125"→

#8-32 STUD
8 PLCS

Flathead cover
fastners

2.900"

|←——— 7.766" ———→|

5.231"

5.231"

2 Part Phoenix
3.81mm connectors

2.900"

|←——————— 9.000" ———————→|

0.18

|←— 1.700" —→|