8 button membrane SW to OSD Control Board CN2 Pin Assignment	
pin #	description
10	Common Ground
9	Select Up
8	Select Down
7	Adjust Up/Increase/Right
6	Adjust Down/Decrease/Left
5	Menu
4	Brightness Down
3	Brightness Up
2	ON/OFF
1	Common Ground

Membrane interface board
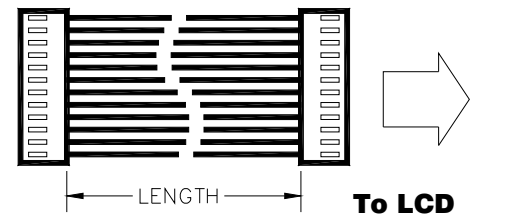P/N 416100120-3 can operate
under 12VDC/24VDC power input
environment.

PCB OSD Control Board CN1 Pin Assignment	
pin #	description
12	no connection
11	OSD Select UP
10	OSD Select Down
9	OSD Plus/Right
8	OSD Minus/Left
7	OSD Menu
6	Ground
5	Backlight Brightness VR pin B
4	Backlight Brightness VR pin WIP
3	Backlight Brightness VR pin A
2	Power Switch B
1	Power Switch A

ø3.2x4places

6.5
17.6
4.3
80.3
89.5mm

10 PIN CONNECTOR(25x14mm)

MEMBRANE CABLE

5mm
pin 10
28mm
pin 1

Brightness Up

Brightness Down

Menu

Select Up

Select Down

Adjust Up

Adjust Down

On/Off

Menu
Select
Select
Adjust
Adjust

140

137.0

23.0

FRONT VIEW
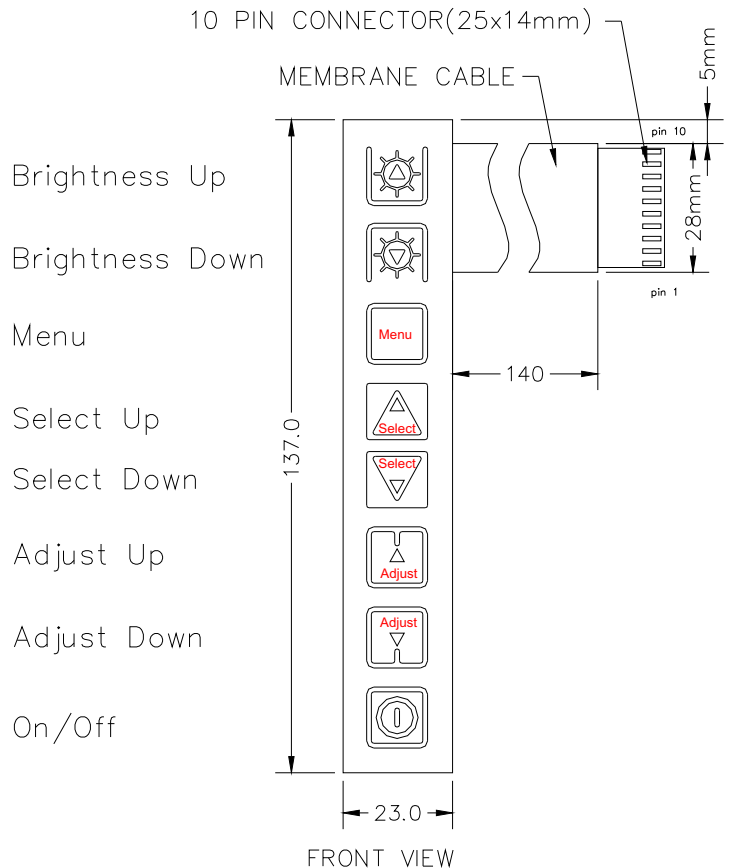
Membrane Switch:
P/N:356301021-3

To OSD
Interface
CN2

CN2
pin 10
CN1
pin 12

pin 1
pin 1

10 pin PCB
headrer 90°
(2.54mm pitch)

30.5mm

2mm
4mm

approx.
10mm

1.6mm
3mm max.

Membrane Interface Board:
P/N:416100120-3

To OSD
Switch Mount
CN1

LENGTH

To LCD
Interface
Controller
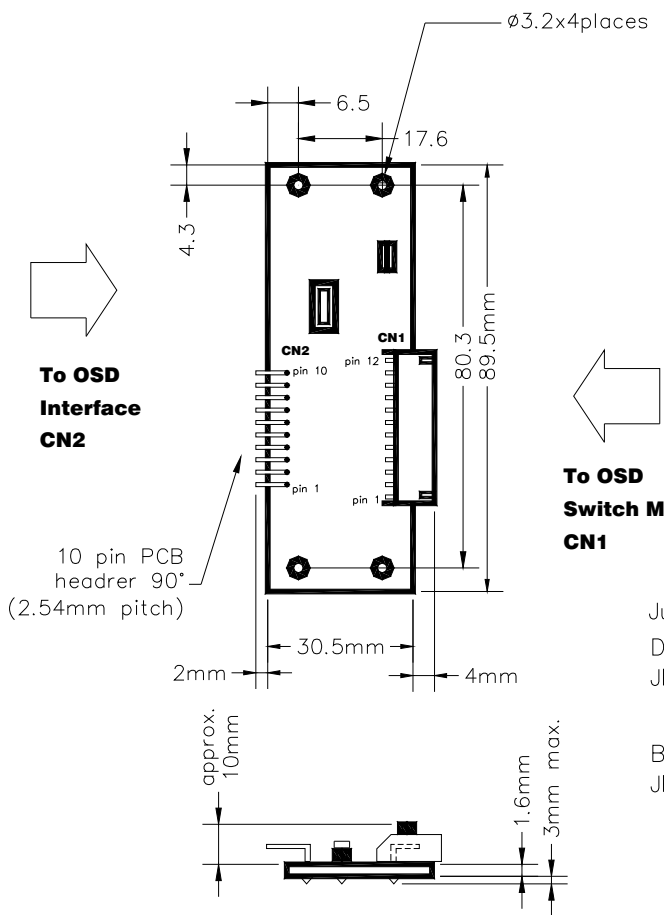
Jumper setting on OSD interface
DEFAULT POWER
JP1 : 1-2 closed - OFF
      2-3 closed - ON
BRIGHTNESS INC/DEC SWITCH
JP2 : 1-3 & 2-4 closed - SWAP
      1-2 & 3-4 closed - NORMAL

OSD Cable:
P/N:426120410-3 (12/12WAY), 610mm

✓ RoHS

DIGITALVIEW®

Title: KIT 60146-3 OSD KIT	Date: 11 FEB 08
NOTE: All dimensions are in mm	Kit 60146-3 OSD KIT