

# EMN43-BXX

## 4.3" Mini PI



# MINI PI

4.3" Mini PI

The Mini PI is a flexible position indicator which can be customized for any building or corporation. This customization can reflect architectural elements, color schemes, and corporate identity. Within this customization, information can be presented to passengers regarding the elevator's current position and direction, arrival arrows along with priority messages from the controller. It's also designed to be a destination type display showing floors served when in destination mode.

These units also have a non-movement blanking to help preserve backlight life.

### TYPICAL APPLICATIONS:

- > Car Operating Panel
- > Car Transom
- > Lobby / Arrival
- > Destination Display
- > Messaging

### FEATURES:

- > Passing Chime Output
- > USB Updatable
- > Self Testing
- > Low Profile
- > Destination Display
- > Backlight Saver Function
- > Voice Capabilities
- > MICRO COMM Input



ARRIVAL ARROW



DESTINATION-BASED



MESSAGING



PRIORITY MESSAGING



TRAVELING PI



**C.E. Electronics, Inc. (US)** 2107 Industrial Drive, Bryan, Ohio 43506 p: 419.636.6705 [www.ceelectronics.com](http://www.ceelectronics.com)

**C.E. Electronics, Ltd. (UK)** P.O. Box 1679 Marlow, Bucks SL7 3ZG, UK p: +44 (0) 1628 487633 [www.ceelectronics.co.uk](http://www.ceelectronics.co.uk)



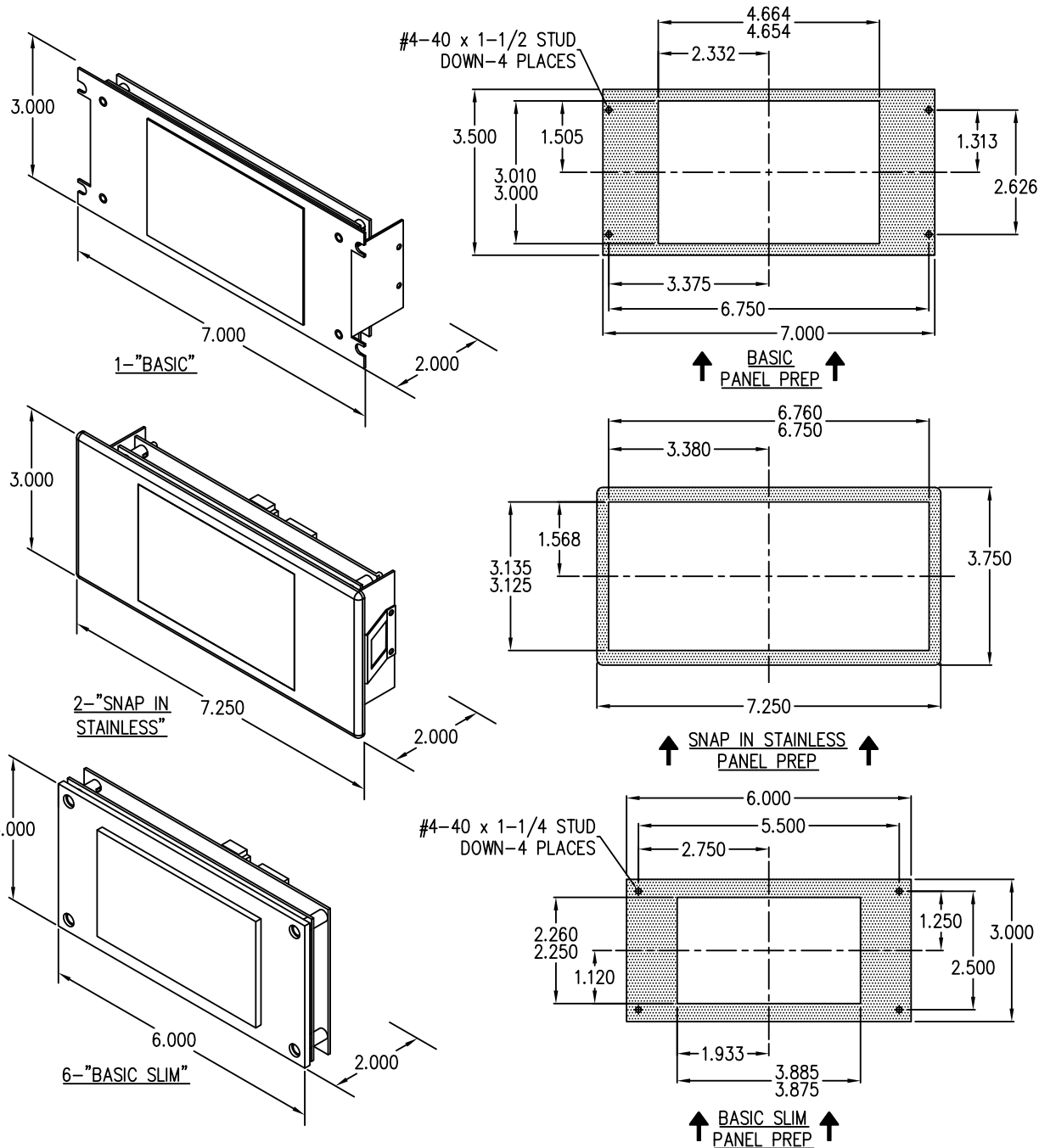
Listed 5N50  
Elevator Accessory



# EMN43-BXX

Ver. 11 Rel. 11/06/2023

MINI PI™



## 4.3 INCH Mini

The Mini is a flexible information indicator which can be customized for any building or corporations. This customization can reflect architectural elements, color schemes, and corporate identity. Within this customization, information can be presented to passengers regarding the elevator's current position and direction, arrival arrows, along with priority messages from the controller. It's also designed to be a destination type display showing floors served when in destination mode. These units also have a non-movement blanking to help preserve backlight life.

### Typical Applications

- Car operating panel
- Car Transom
- Lobby/arrival
- Destination Display
- Messaging

### Features:

- Passing chime output
- Self testing
- USB Updatable
- Low profile
- Destination Display
- Backlight saver function/default off
- MicroComm input
- Voice Capabilities

### TO ORDER: EMN43-B X X

"1"= BASIC

"2"= SNAP IN STAINLESS

"6"= BASIC SLIM

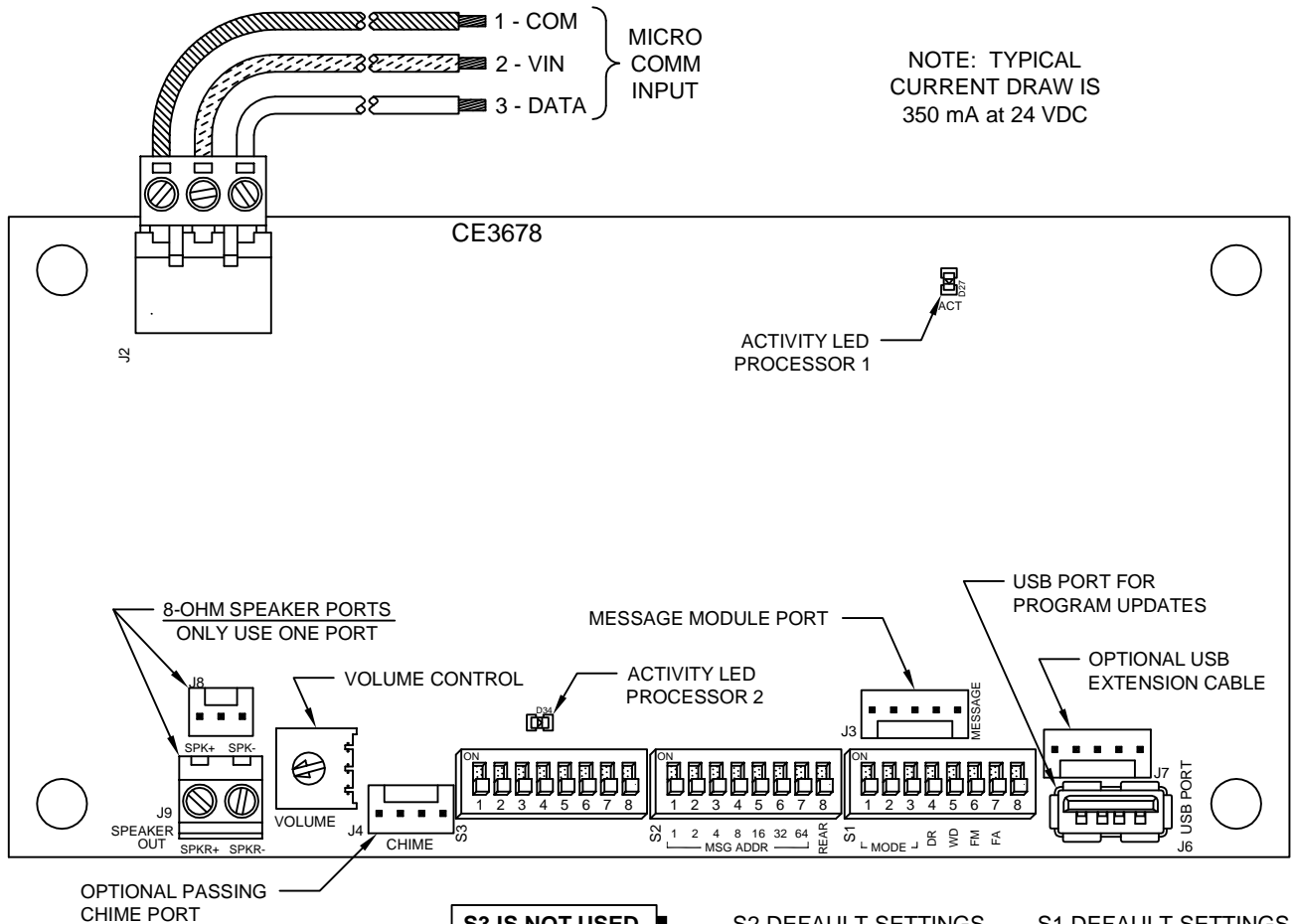
"V"= VERTICAL

"H"= HORIZONTAL

BASIC RELATED DRAWINGS	
DESCRIPTION	DRAWING NAME
PANEL PREP.	PP43-1
DETAIL DIM.	DD43-1
SNAP-IN RELATED DRAWINGS	
DESCRIPTION	DRAWING NAME
PANEL PREP.	PP43-2
DETAIL DIM.	DD43-2
BASIC SLIM RELATED DRAWINGS	
DESCRIPTION	DRAWING NAME
PANEL PREP.	104-7095PP

# EMN43-BXX

JOB# \_\_\_\_\_



NOTE: TYPICAL CURRENT DRAW IS 350 mA at 24 VDC

**S3 IS NOT USED. ALL SWITCHES SHOULD BE OFF. ARRIV ARROWS ARE SET BY S2.**

DS1	DS2	DS3	S1 MODE FUNCTIONS
OFF	OFF	OFF	NORMAL OPERATION
ON	OFF	OFF	DISPLAY TEST MODE
ON	ON	OFF	AUDIO / UNIT TEST MODE

**ARRIVAL ARROWS**

DIP SWITCH S2 - Switches 1 - 7 set the floor number of the unit

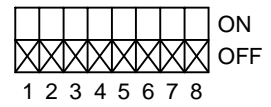
DS7 (64)	DS6 (32)	DS5 (16)	DS4 (8)	DS3 (4)	DS2 (2)	DS1 (1)	FLOOR NUMBER OF THIS UNIT
0	0	0	0	0	0	0	CAR UNIT*
0	0	0	0	0	0	1	FLOOR NO. 1
0	0	0	0	0	1	0	FLOOR NO. 2
0	0	0	0	0	1	1	FLOOR NO. 3
0	0	0	0	1	0	0	FLOOR NO. 4
0	0	0	0	1	0	1	FLOOR NO. 5
:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:
1	1	1	1	1	0	1	FLOOR NO. 125
1	1	1	1	1	1	0	FLOOR NO. 126
1	1	1	1	1	1	1	IN CAR UNIT**

DIP SWITCH S2 - Switch 8 sets the unit as front or rear.  
DS8 OFF - Front Unit DS8 ON - Rear Unit

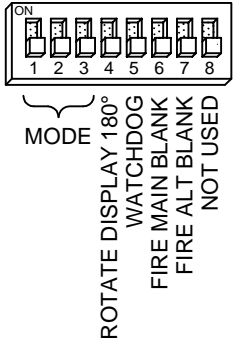
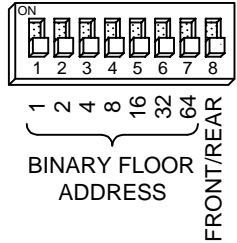
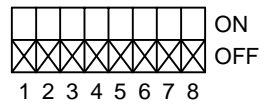
\* CAR UNIT - Unit uses the Hall Arrival Lantern Signals for the current floor.

\*\*IN-CAR UNIT - Unit uses the In-Car Arrow signals.

**S2 DEFAULT SETTINGS**



**S1 DEFAULT SETTINGS**



CE3678 \_\_ ARM CODE VERSION \_\_\_\_\_

MINI CODE VERSION \_\_\_\_\_

DESIGN VERSION \_\_\_\_\_

AUDIO VERSION \_\_\_\_\_

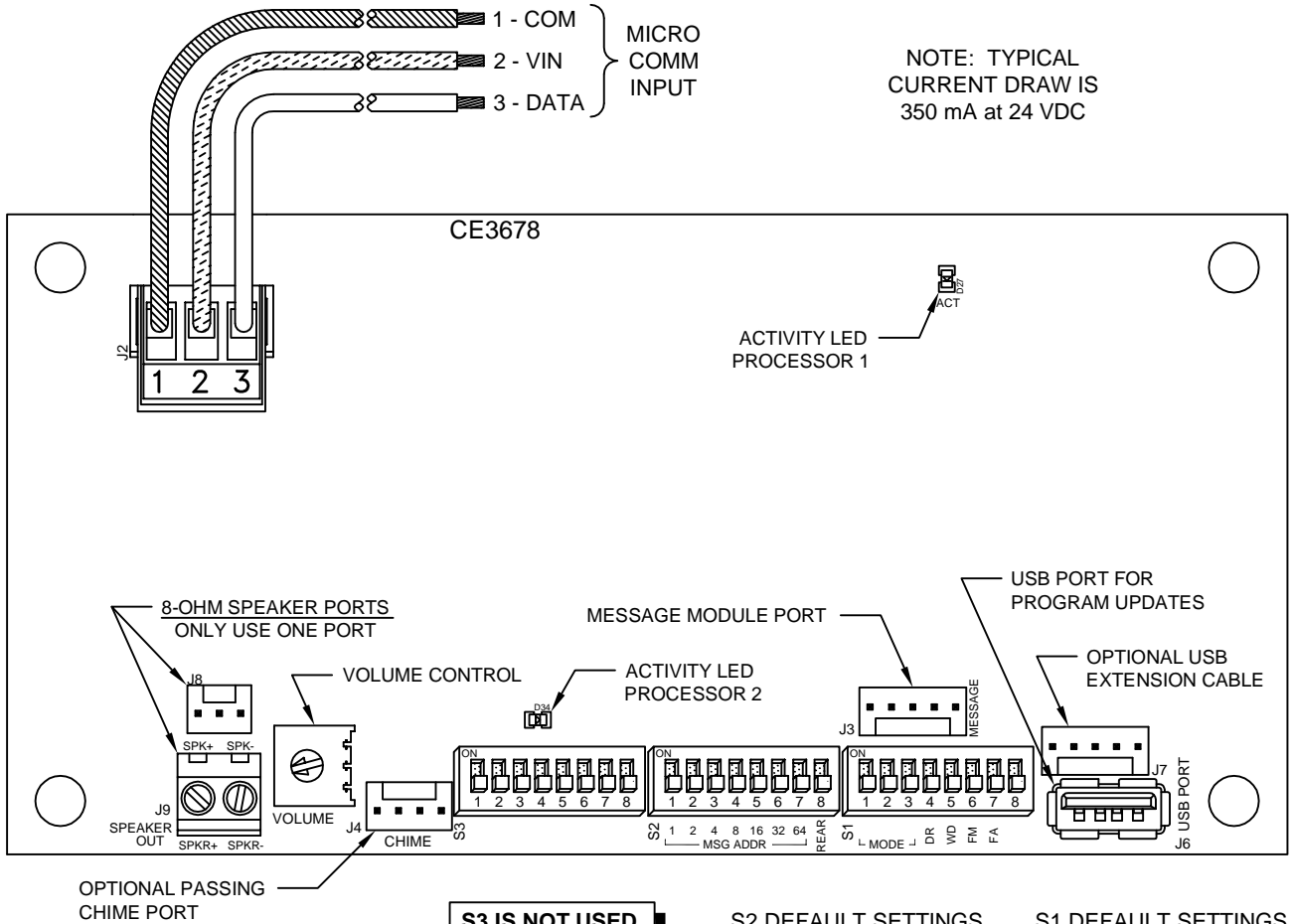
CRCG \_\_\_\_\_ CRCA \_\_\_\_\_

OCDL CRC \_\_\_\_\_ ODAA CRC \_\_\_\_\_

DATE DRAWN: 06/28/13	DRAWN BY: DAC	REQUESTED BY: TE	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
BOARD NUMBER: 3678	LAST DATE REVISED: 10/07/17	APPROVED BY:	
PRODUCT EMN43-BXX UNIBOARD 4.3" TFT w/RA MC INPUT		DWG. NO. XMN43_01	

# EMN43-BXX

JOB# \_\_\_\_\_

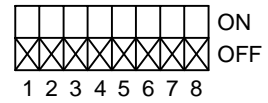


NOTE: TYPICAL CURRENT DRAW IS 350 mA at 24 VDC

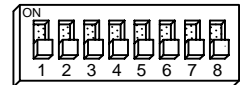
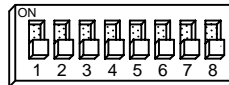
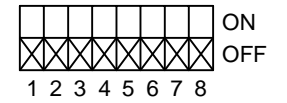
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DS1	DS2	DS3	S1 MODE FUNCTIONS
OFF	OFF	OFF	NORMAL OPERATION
ON	OFF	OFF	DISPLAY TEST MODE
ON	ON	OFF	AUDIO / UNIT TEST MODE

**S2 DEFAULT SETTINGS**



**S1 DEFAULT SETTINGS**



1 2 4 8 16 32 64  
BINARY FLOOR ADDRESS  
FRONT/REAR

MODE  
ROTATE DISPLAY 180°  
WATCHDOG  
FIRE MAIN BLANK  
FIRE ALT BLANK  
NOT USED

**ARRIVAL ARROWS**

DIP SWITCH S2 - Switches 1 - 7 set the floor number of the unit

DS7 (64)	DS6 (32)	DS5 (16)	DS4 (8)	DS3 (4)	DS2 (2)	DS1 (1)	FLOOR NUMBER OF THIS UNIT
0	0	0	0	0	0	0	CAR UNIT*
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0	0	0	0	0	1	0	FLOOR NO. 2
0	0	0	0	0	1	1	FLOOR NO. 3
0	0	0	0	1	0	0	FLOOR NO. 4
0	0	0	0	1	0	1	FLOOR NO. 5
:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:
1	1	1	1	1	0	1	FLOOR NO. 125
1	1	1	1	1	1	0	FLOOR NO. 126
1	1	1	1	1	1	1	IN CAR UNIT**

CE3678 \_\_ ARM CODE VERSION \_\_\_\_\_

MINI CODE VERSION \_\_\_\_\_

DESIGN VERSION \_\_\_\_\_

AUDIO VERSION \_\_\_\_\_

CRCG \_\_\_\_\_ CRCA \_\_\_\_\_

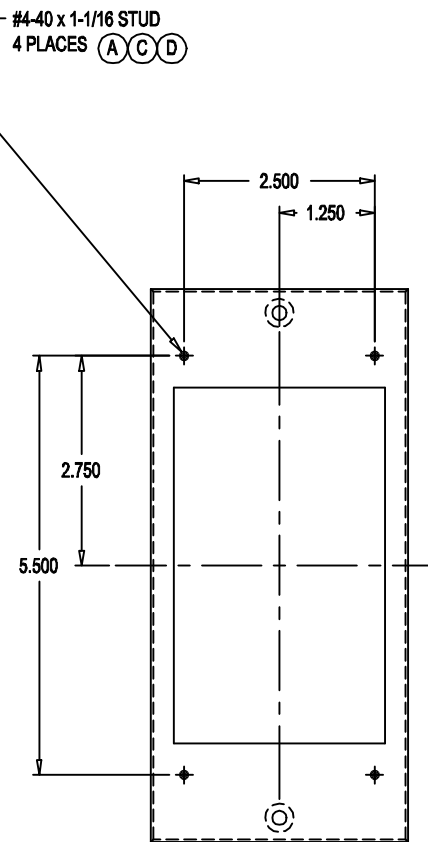
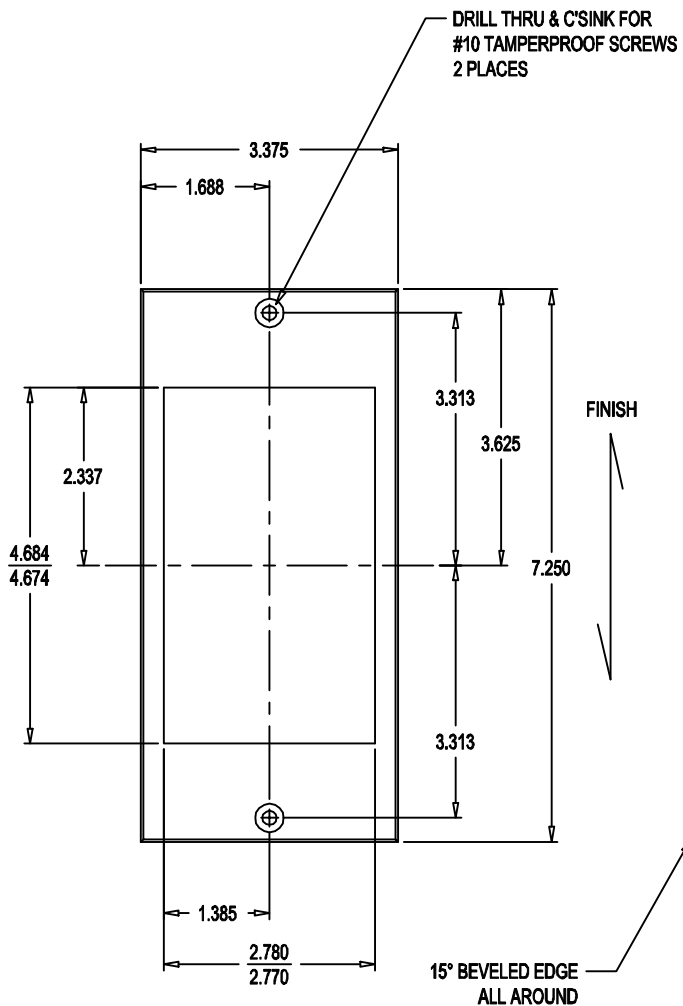
OCDL CRC \_\_\_\_\_ ODAA CRC \_\_\_\_\_

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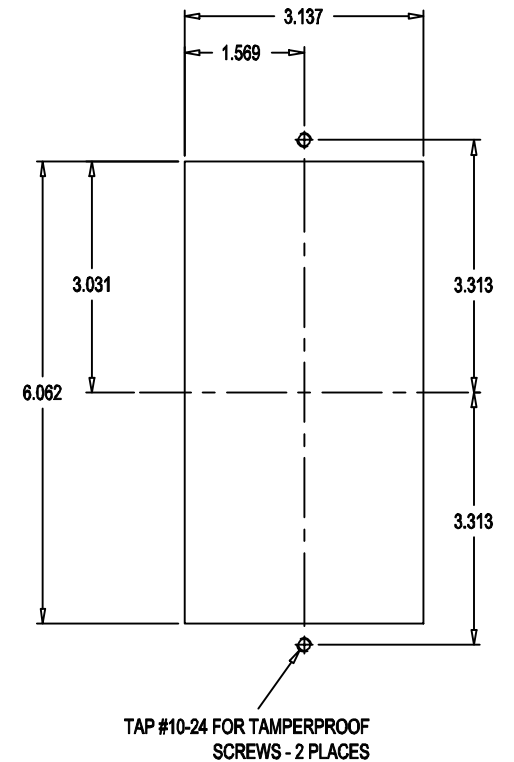
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BOARD NUMBER: 3678	LAST DATE REVISED: 10/07/17	APPROVED BY:	
PRODUCT EMN43-BXX UNIBOARD 4.3" TFT w/VERT MC INPUT			DWG. NO. XMN43_01
			REV. C



**CUT OUT DETAIL**



MATERIAL: 11 GA (1/8) STAINLESS STEEL  
 FINISH: #4 BRUSHED FINISH - VERTICAL  
 NOTE: VENDOR TO PROVIDE #10 TAMPERPROOF SCREWS  
NO BOX REQUIRED

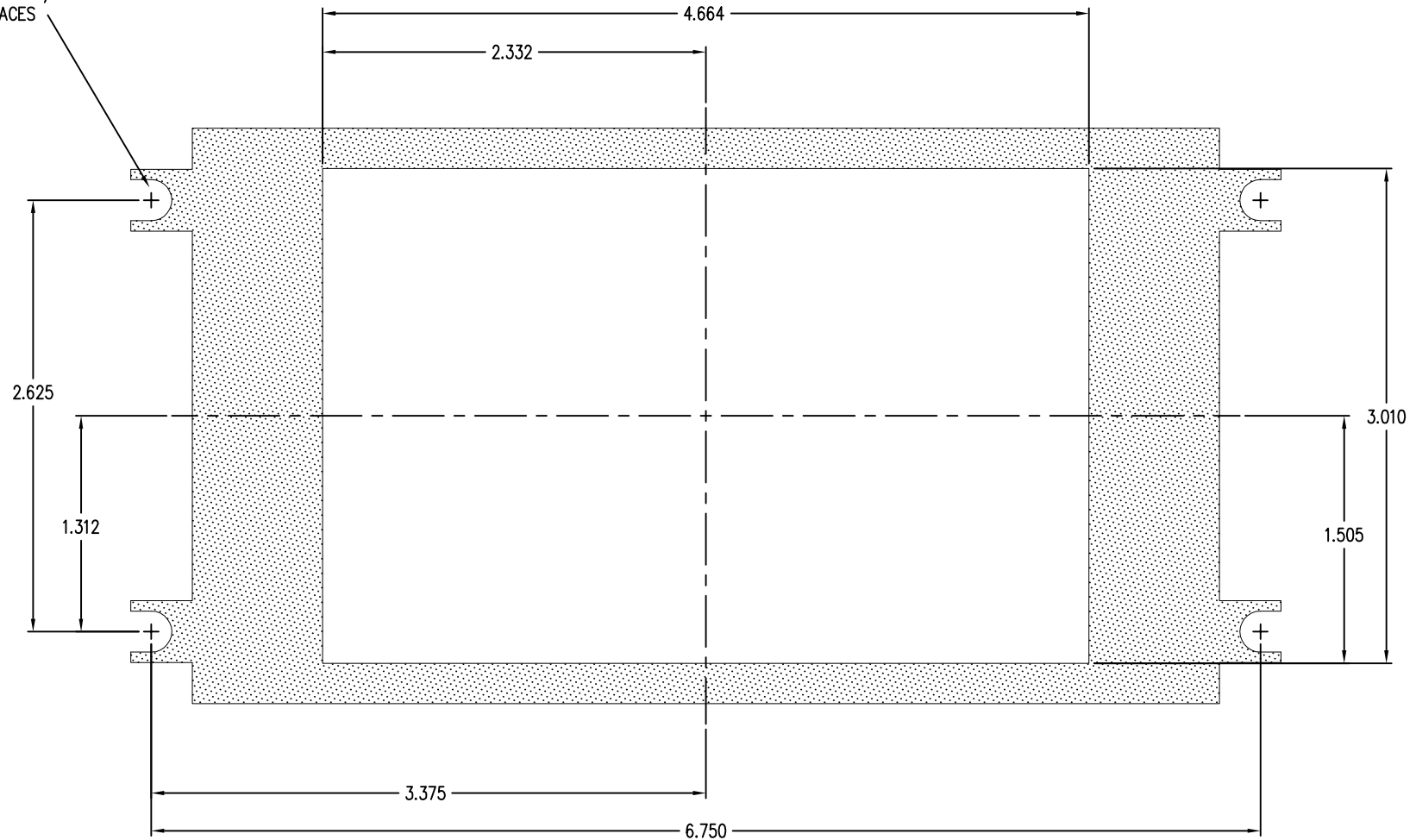
LENS NUMBER:	BOARD # & REV:
APPROVED BY:	
Signature:	
Date:	
Company:	

DATE DRAWN: 7/20/2010	LAST DATE REVISED 11/16/2016	SCALE NTS	PART #:
DRAWN BY: RNT	TOLERANCE UNLESS OTHERWISE SPECIFIED: ±.010		 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
REQUESTED BY: CS	TOLERANCE FOR CUTOUT (WINDOW):		
TITLE: FACE PLATE w/ CUT OUT DETAIL		DWG. NO. 70100063	REV: D


# PP43-1

Ver. 4 Rel. 11/16/2016

#4-40 x 1/2 STUD  
4 PLACES

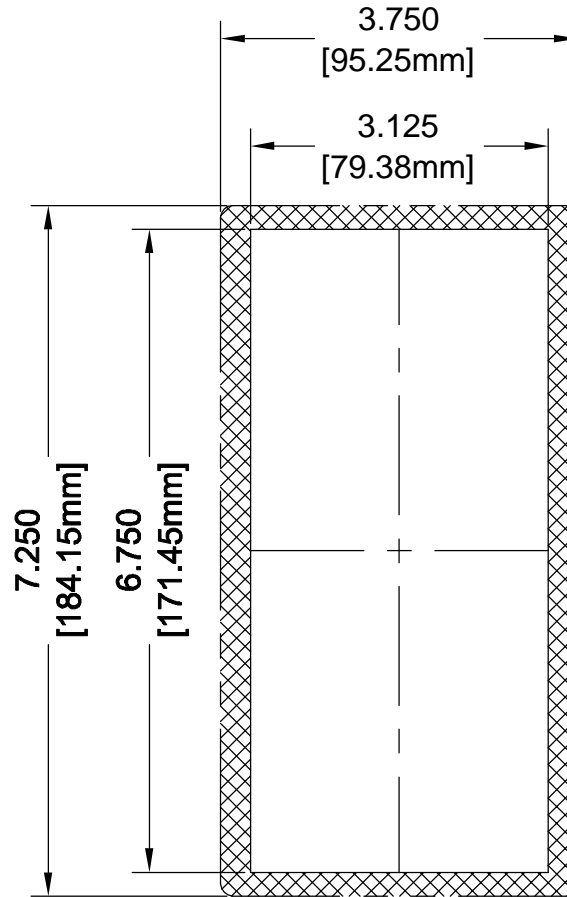


LENS NUMBER:	BOARD # & REV:
APPROVED BY:	
Signature: _____	
Date: _____	
Company: _____	


DATE DRAWN: 8/14/07	LAST DATE REVISED	SCALE NONE	PART #
DRAWN BY: D.W.S.	TOLERANCE UNLESS OTHERWISE SPECIFIED: ±.015		 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
REQUESTED BY:	TOLERANCE FOR CUTOUT (WINDOW):		
TITLE: SHARP 4.3 TFT BASIC PANEL PREP			DWG. NO. PP43-1 REV:

# PP43-2

Ver. 1 Rel. 8/06/07

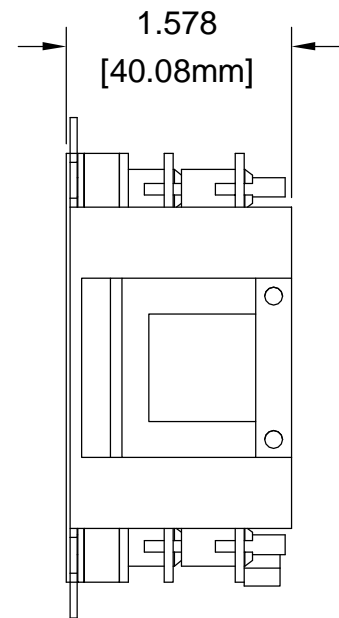
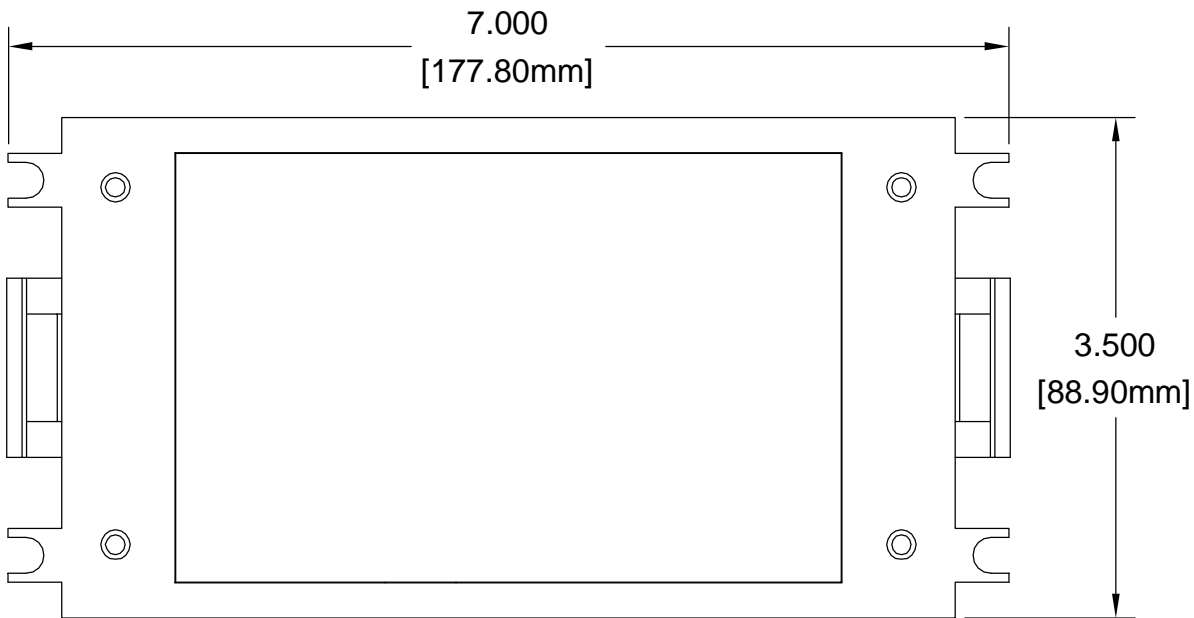
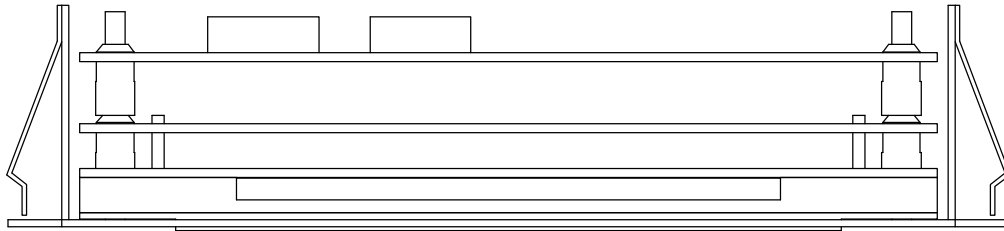


LENS NUMBER:	BOARD # & REV:
APPROVED BY:	
Signature: _____	
Date: _____	
Company: _____	


DATE DRAWN: 8/14/07	LAST DATE REVISED:	SCALE NONE	PART #
DRAWN BY: D.W.S.	TOLERANCE UNLESS OTHERWISE SPECIFIED: +0.015, -0.015		 <b>C.E. ELECTRONICS, INC.</b> 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
REQUESTED BY: G.L.C.	TOLERANCE FOR CUTOUT (WINDOW): +0.020, -0.000		
TITLE: SHARP 4.3 TFT METAL SNAP-IN PANEL PREP			DWG. NO. PP43-2
			REV:

# DD43-1

Ver. 2 Rel. 8/15/07



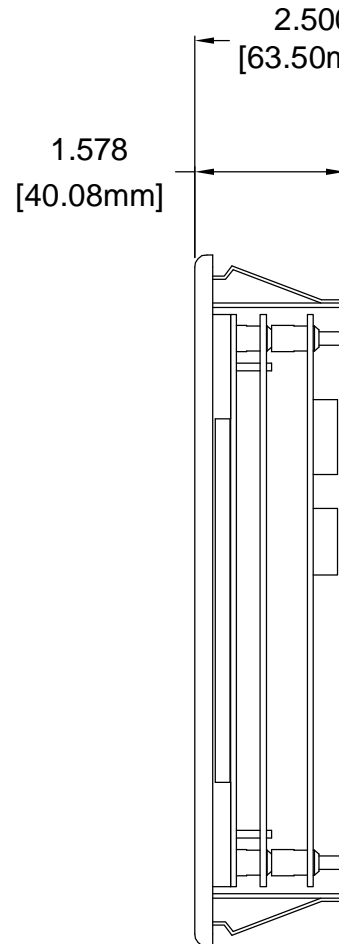
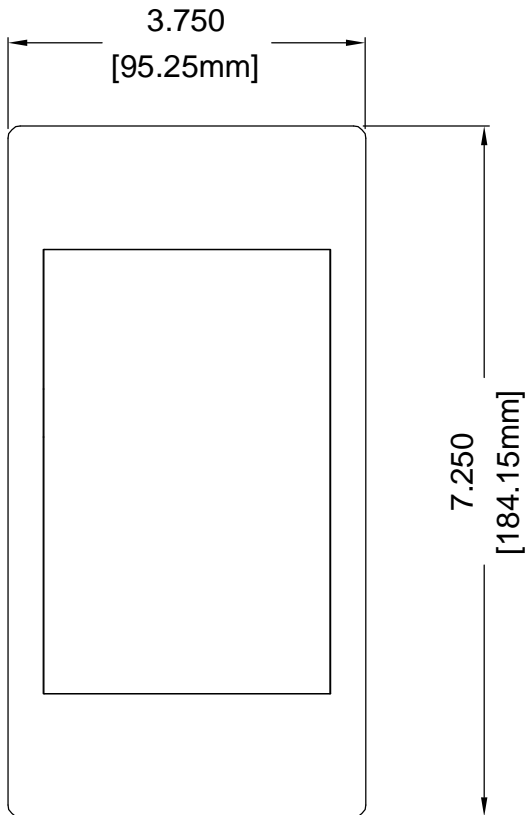
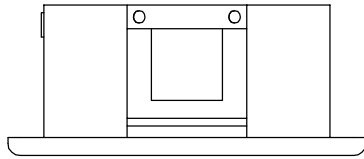
LENS NUMBER:	BOARD # & REV:
APPROVED BY:	
Signature: _____	
Date: _____	
Company: _____	

DATE DRAWN: 8/14/07	LAST DATE REVISED:	SCALE NONE	PART #
DRAWN BY: D.W.S.	TOLERANCE UNLESS OTHERWISE SPECIFIED: +0.015, -0.015		 <b>C.E. ELECTRONICS, INC.</b> 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
REQUESTED BY:	TOLERANCE FOR CUTOUT (WINDOW): +0.020, -0.000		
TITLE:	DWG. NO. DD43-1	REV:	




# DD43-2

Ver. 1 Rel. 8/14/07



ALLOW FOR WIRE CONNECTIONS

LENS NUMBER:	BOARD # & REV:
APPROVED BY:	
Signature: _____	
Date: _____	
Company: _____	

DATE DRAWN: 8/14/07	LAST DATE REVISED:	SCALE NONE	PART #
DRAWN BY: D.W.S.	TOLERANCE UNLESS OTHERWISE SPECIFIED: +0.015, -0.015		 <b>C.E. ELECTRONICS, INC.</b> 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
REQUESTED BY: G.L.C.	TOLERANCE FOR CUTOUT (WINDOW): +0.020, -0.000		
TITLE: DD43-2			DWG. NO. DD43-2
			REV: