

EMN43-BXX

4.3 inch Elite PI® Mini



ARRIVAL ARROW



DESTINATION-BASED



MESSAGING



PRIORITY MESSAGING



TRAVELING PI

ELITE PI® Mini

4.3 inch Elite PI® Mini

The Elite PI® Mini 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. Important information can be presented to passengers regarding the elevator's current position and direction, arrival arrows along with priority messages from the controller. It is also designed to be a destination type display showing floors served when in destination mode.

Another longevity feature for these screens is that they have 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



C.E. Electronics, Inc. (US) 2107 Industrial Drive, Bryan, Ohio 43506 p: 419.636.6705 www.cееlectronics.com

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Listed 5N50
Elevator Accessory

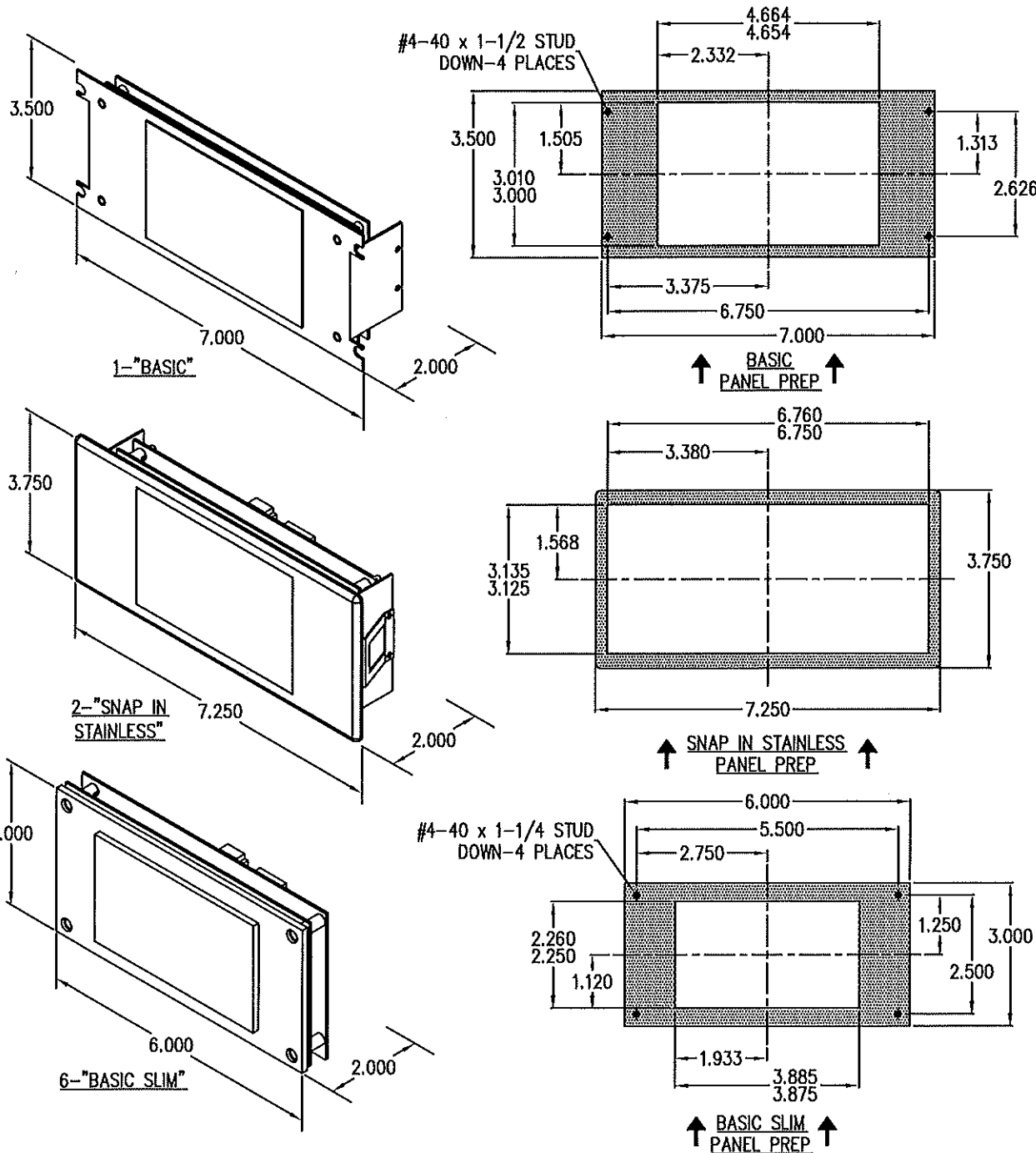


C.E. Electronics, Inc.
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EMN43-BXX

Ver. 12 Rel. 10/22/2025

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

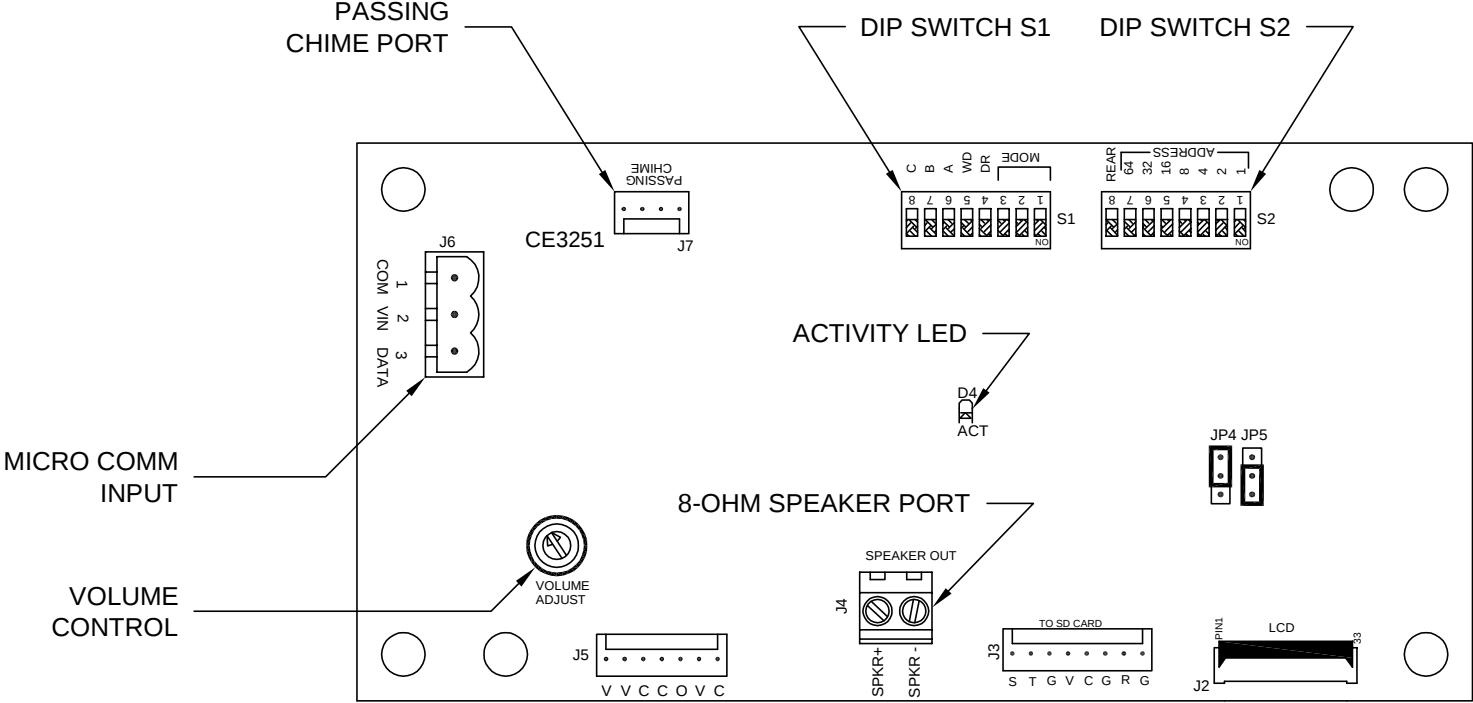
"1"= BASIC
"2"= SNAP IN STAINLESS
"6"= BASIC SLIM

"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

4.3 MINI TFT

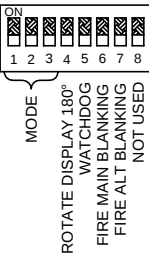
JOB# _____



S1 DEFAULT SETTINGS

								ON
								OFF
1	2	3	4	5	6	7	8	

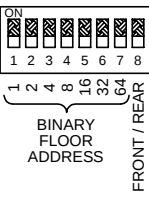
S1 DIP SWITCH DETAIL



S2 DEFAULT SETTINGS

								ON
								OFF
1	2	3	4	5	6	7	8	

S2 DIP SWITCH DETAIL



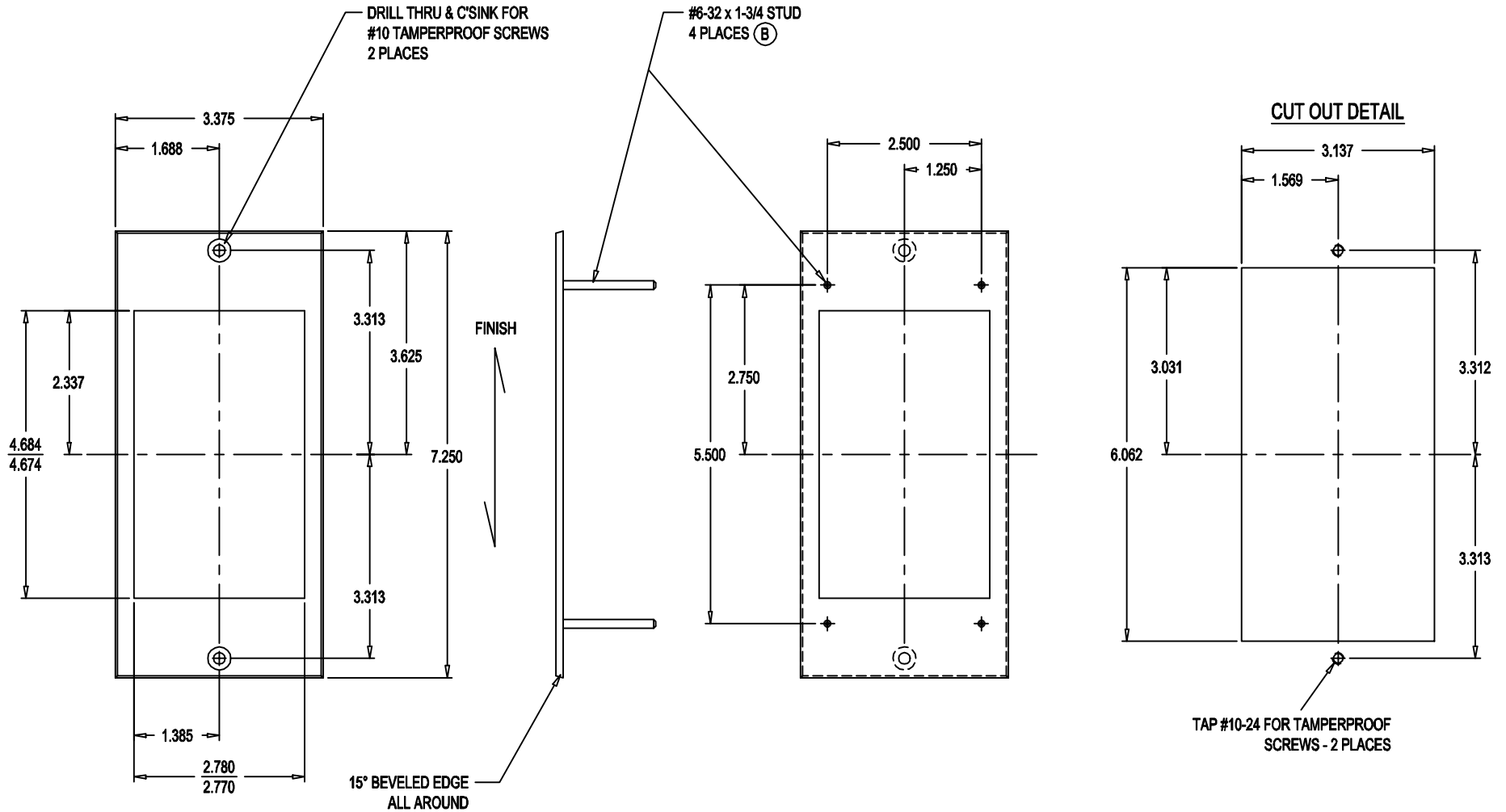
PIC CODE VERSION _____

ARM CODE VERSION _____

DESIGN VERSION _____

DS1	DS2	DS3	S1 MODE FUNCTIONS
0	0	0	NORMAL OPERATION
0	1	0	300 mS PLAY STROBE DELAY FOR VOICE
0	0	1	600 mS PLAY STROBE DELAY FOR VOICE
0	1	1	900 mS PLAY STROBE DELAY FOR VOICE
1	0	0	DISPLAY TEST MODE - CYCLE THROUGH PROGRAMMED FLOORS
1	1	0	AUDIO TEST MODE / UNIT TEST
1	0	1	NOT USED
1	1	1	NOT USED

DS2	DS3	DS5	S1 - SD LOAD FUNCTIONS
X	X	0	ONE MINUTE WATCHDOG ON
X	X	1	ONE MINUTE WATCHDOG OFF
0	0	X	LOAD DESIGN / CODE "N" or "0"
1	0	X	LOAD DESIGN / CODE "N" or "1"
0	1	X	LOAD DESIGN / CODE "N" or "2"
1	1	X	LOAD DESIGN / CODE "N" or "3"



- (A) MATERIAL: 11 GA (.125) - TO BE DETERMINED BY SALES
 (A) FINISH: TO BE DETERMINED BY SALES - VERTICAL
 NOTE: VENDOR TO PROVIDE #10 TAMPERPROOF SCREWS
NO BOX REQUIRED

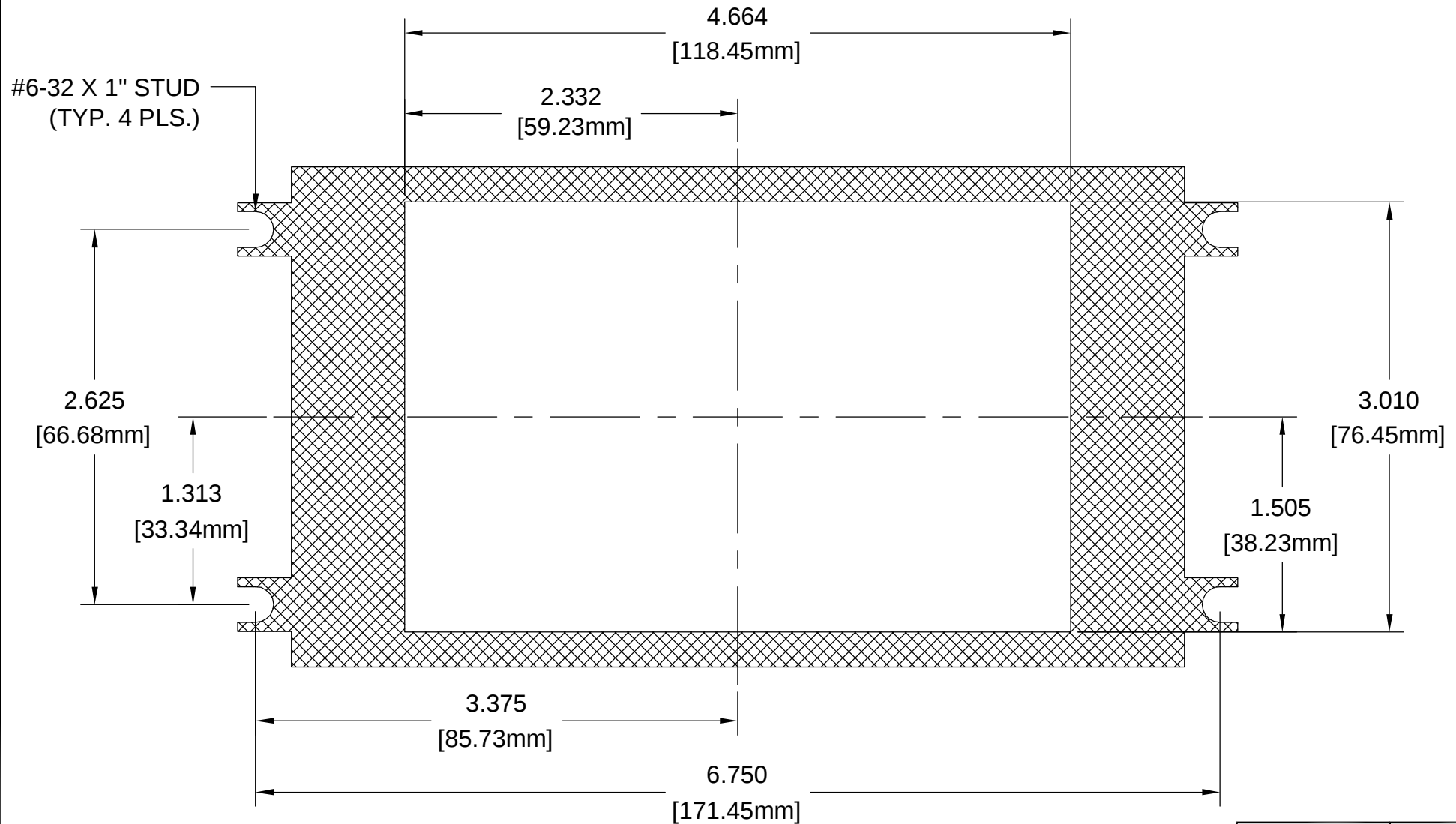
LENS NUMBER:	BOARD # & REV:
APPROVED BY:	
Signature:	
Date:	
Company:	

DATE DRAWN: 7/20/2010	LAST DATE REVISED 9/4/2012	SCALE NTS	PART #:
DRAWN BY: RNT		TOLERANCE UNLESS OTHERWISE SPECIFIED:	
REQUESTED BY: CS		TOLERANCE FOR CUTOUT (WINDOW):	
TITLE: 4.3 TFT APPLIED METAL w/ CUT OUT DETAIL		DWG. NO. 70100063	REV. B

C.E. ELECTRONICS, INC.
 2107 Industrial Drive
 Bryan, Ohio 43506
 (419) 636-6705

PP43-1

Ver. 2 Rel. 8/15/07

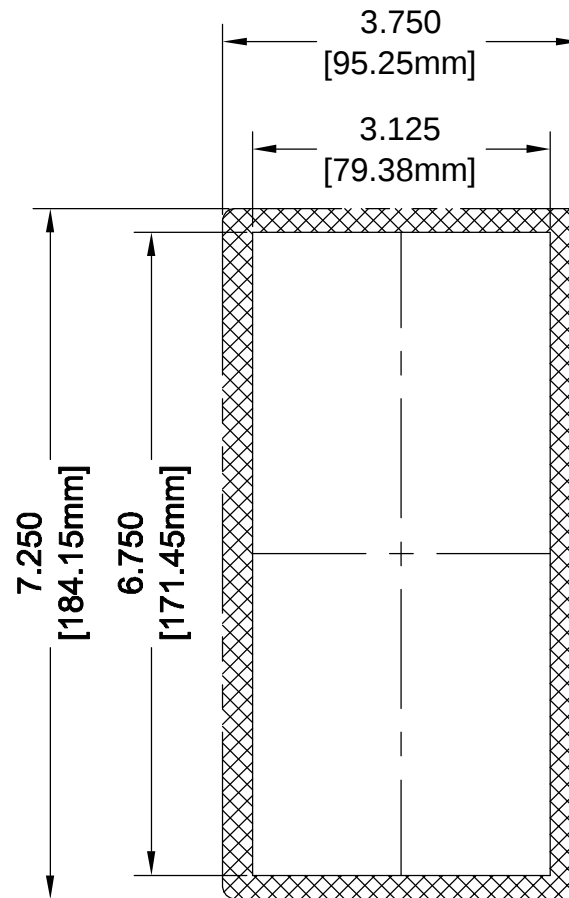


LENS NUMBER:	BOARD # & REV:
APPROVED BY:	
Signature: _____	
Date: _____	
Company: _____	

DATE DRAWN: 8/14/07	LAST DATE REVISED: 8/15/07	SCALE NONE	PART #:
DRAWN BY: D.W.S.	TOLERANCE UNLESS OTHERWISE SPECIFIED: +0.015,-0.015		 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
REQUESTED BY:	TOLERANCE FOR CUTOUT (WINDOW): +0.020,-0.000		
TITLE SHARP 4.3 TFT BASIC PANEL PREP			DWG. NO. PP43-1
			REV: A

PP43-2

Ver. 1 Rel. 8/06/07

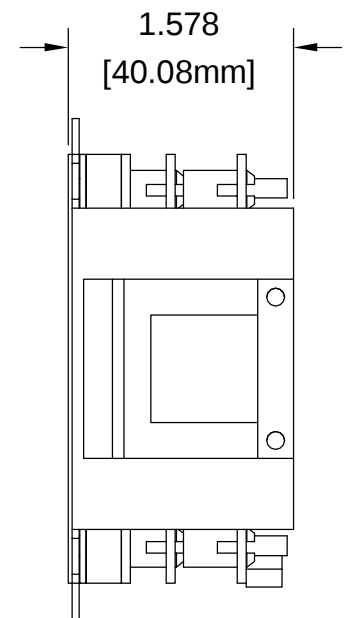
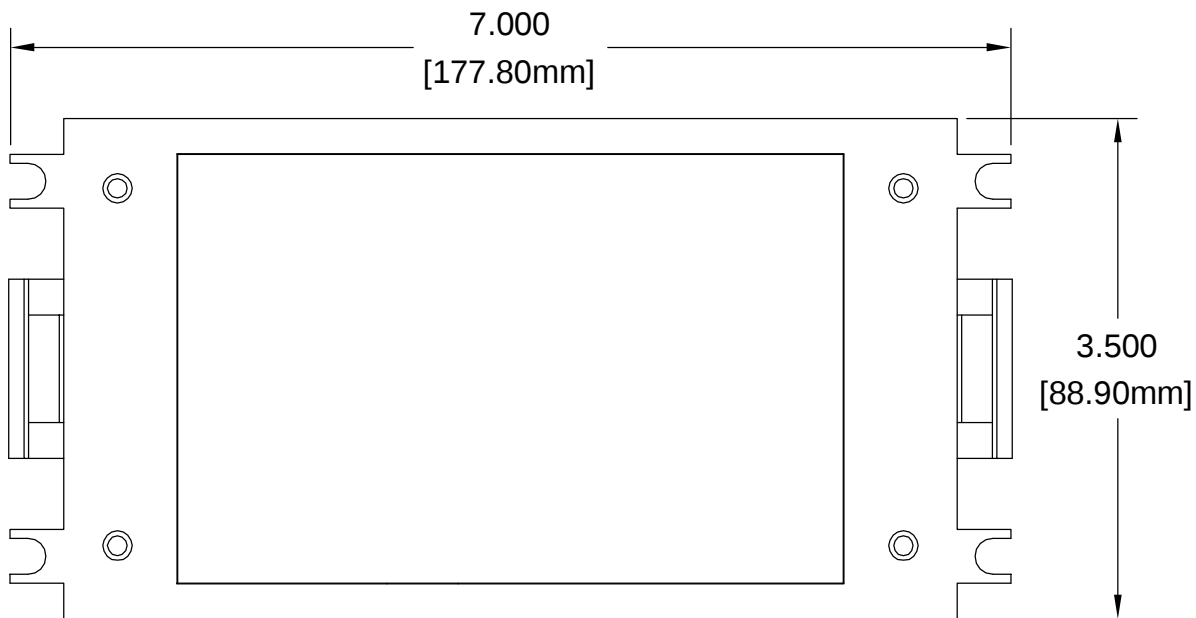
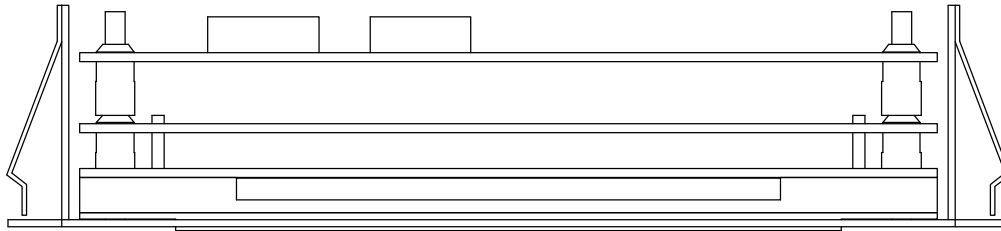


LENS NUMBER:	BOARD # & REV:
APPROVED BY:	
Signature: _____	
Date: _____	
Company: _____	

DATE DRAWN: 8/14/07	LAST DATE REVISED:	SCALE NONE	PART #:
DRAWN BY: D.W.S.	TOLERANCE UNLESS OTHERWISE SPECIFIED: +0.015,-0.015		 C.E. ELECTRONICS, INC. 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

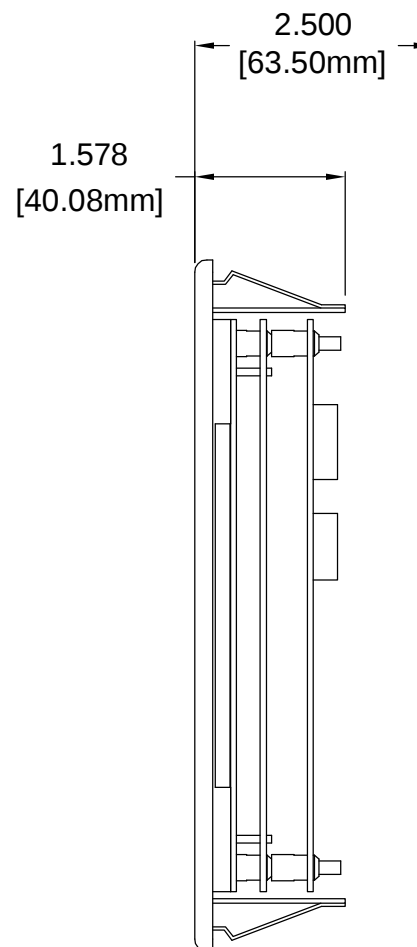
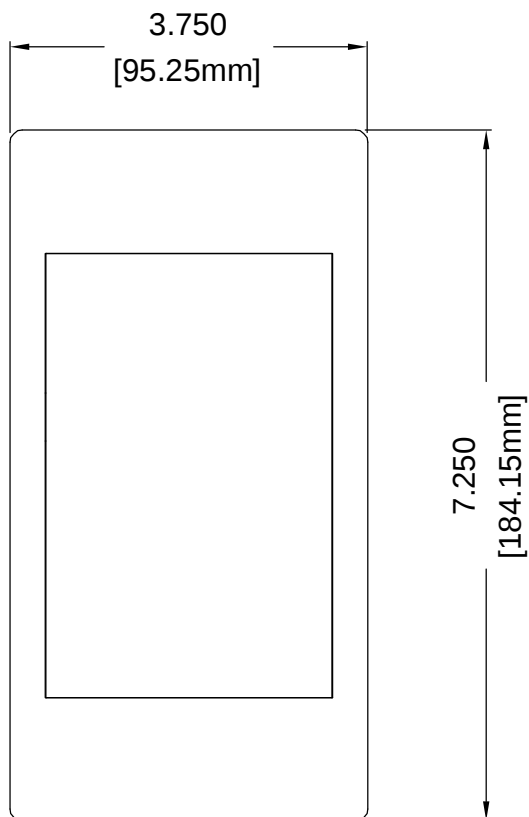
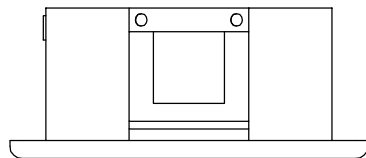


LENS NUMBER:	BOARD # & REV:
APPROVED BY:	
Signature: _____	
Date: _____	
Company: _____	

DATE DRAWN: 8/14/07	LAST DATE REVISED:	SCALE NONE	PART #:
DRAWN BY: D.W.S.	TOLERANCE UNLESS OTHERWISE SPECIFIED: +0.015,-0.015		 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
REQUESTED BY:	TOLERANCE FOR CUTOUT (WINDOW): +0.020,-0.000		
TITLE: DD43-1			REV:

DD43-2

Ver. 1 Rel. 8/14/07



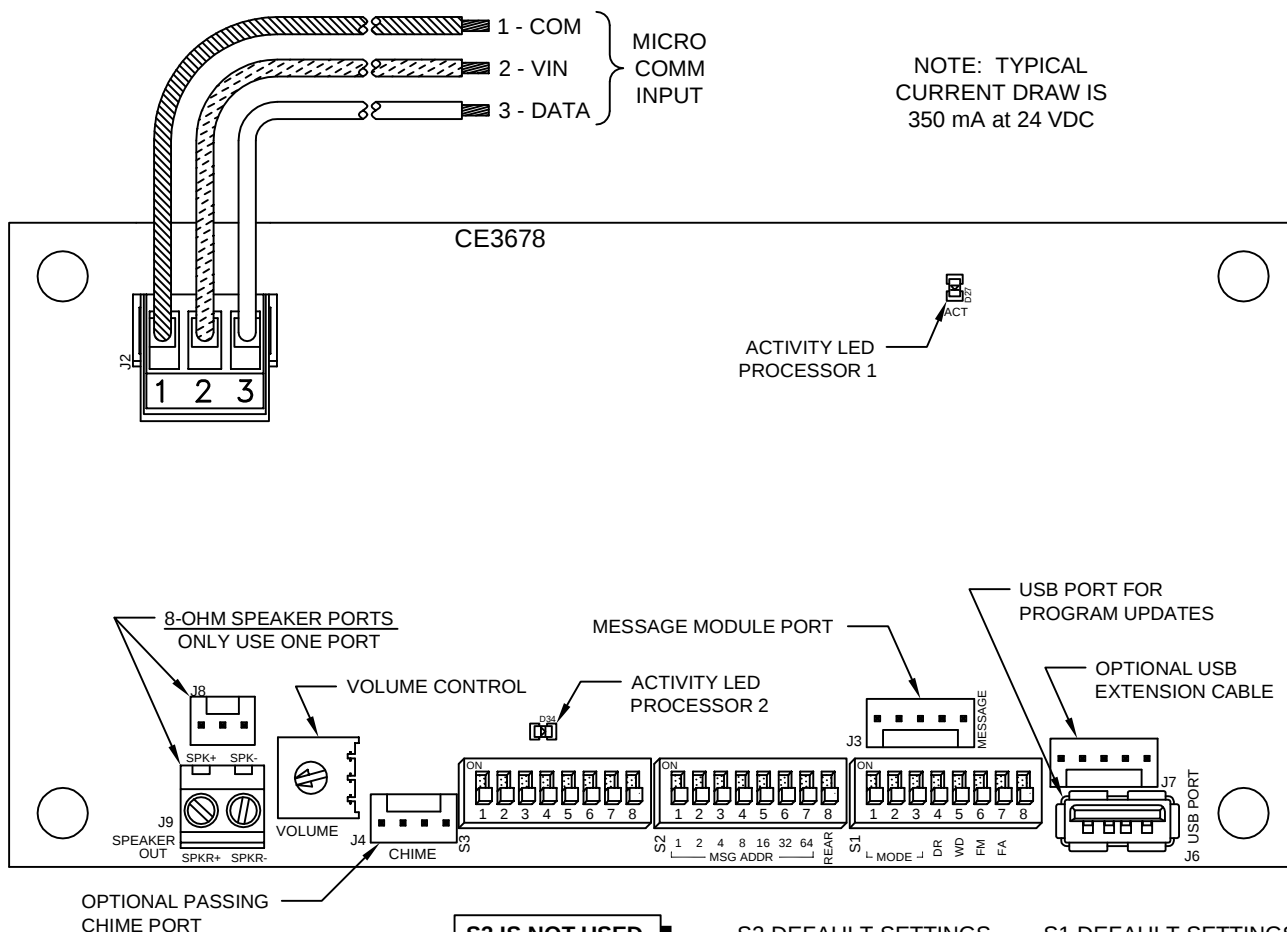
ALLOW FOR WIRE
CONNECTIONS

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		 C.E. ELECTRONICS, INC. 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:

EMN43-BXX

JOB# _____



NOTE: TYPICAL
CURRENT DRAW IS
350 mA at 24 VDC

**S3 IS NOT USED.
ALL SWITCHES
SHOULD BE OFF.
ARRV 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

ON	OFF	ON	OFF	ON	OFF	ON	OFF
1	2	3	4	5	6	7	8

ON	OFF	ON	OFF	ON	OFF	ON	OFF
1	2	3	4	5	6	7	8

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

S1 DEFAULT SETTINGS

ON	OFF	ON	OFF	ON	OFF	ON	OFF
1	2	3	4	5	6	7	8

ON	OFF	ON	OFF	ON	OFF	ON	OFF
1	2	3	4	5	6	7	8

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

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/VERT MC INPUT	DWG. NO. XMN43_01	REV. C	