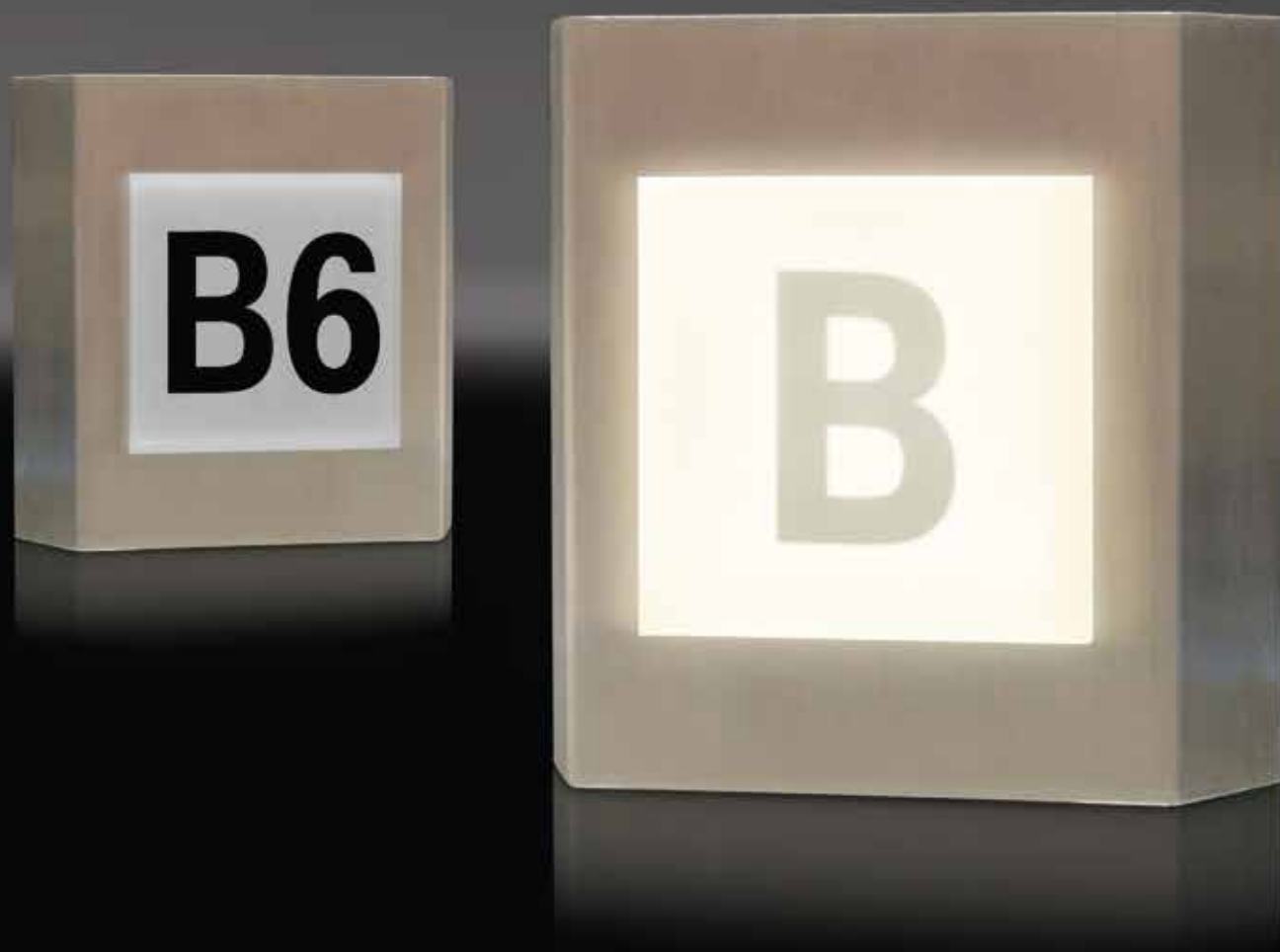


MLBOX-XXX LED EXTENDED DESTINATION CUBE



DESTINATION-BASED

LED EXTENDED DESTINATION CUBE

Long life, solid state LED's, with a 100,000 hour rated life. Accepts existing signals over the MICRO COMM link. This has a raised lens giving you 180° viewing. The unit is also equipped with an arrival speaker and destination tones. Programming is dip switch selectable.

Must specify elevator car character.

TYPICAL APPLICATIONS:

- > Hall / Destination display
- > 180° viewing angle

FEATURES:

- > 3" characters (front view)
- > 180° viewing angle lantern
- > 1 year factory warranty
- > Includes speaker for tones
- > MICRO COMM input
- > Optional destination voice card

Note: When adding voice board, this will include our 9SPKRASY03 SPEAKER



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

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

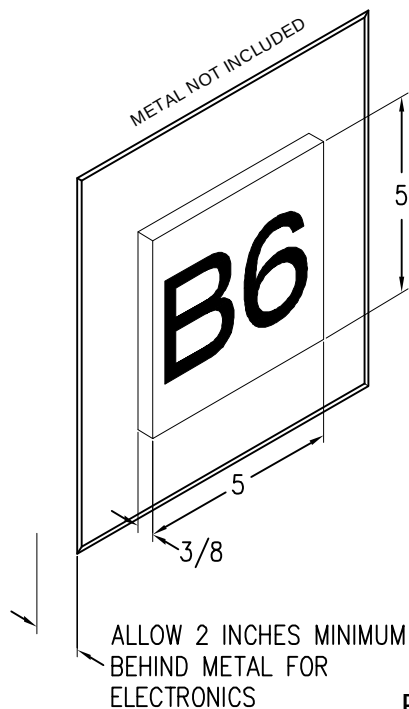


C.E. Electronics, Inc.
2107 Industrial Drive
Bryan, OH 43506
PH (419) 636-6705 FX (419) 636-2516
www.ceelectronics.com

MLBOX-XXX

Ver. 3 Rel. 6/14/2019

DESTINATION
BASED

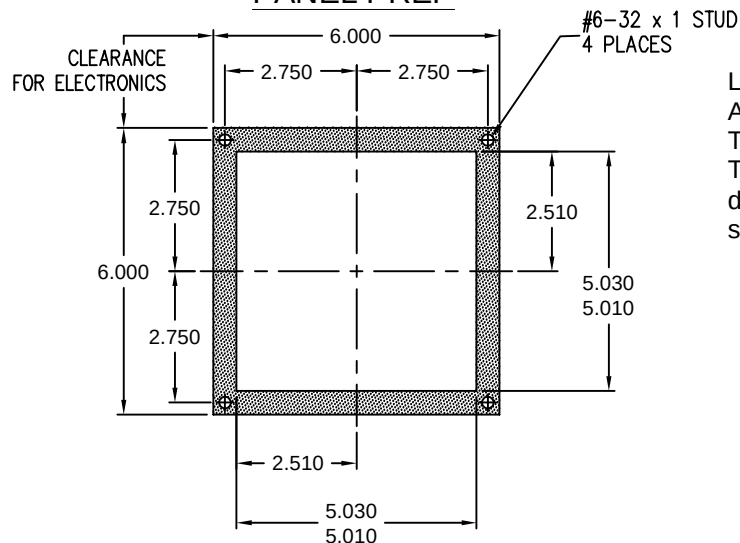


FRONT



3 inch front letters
INSIDE PN-11100233
OUTSIDE PN-11100234

PANEL PREP



MLBOX

LED EXTENDED DESTINATION CUBE

Long life, solid state LED's with a 100,000 hour rated life. Accepts existing signals over the MICRO COMM link. This has a raised lens giving you 180° viewing. The unit is also equipped with an arrival speaker and destination tones. The programming is dip switch selectable.

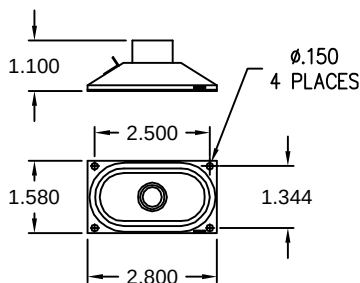
Typical Applications

- Hall/Destination Display
- 180° Viewing Angle

Features:

- 3" characters (Front View)
 - 180° viewing angle lantern
 - 1 year factory warranty
 - Includes Speaker for tones (optional)
 - MICRO COMM input
 - Optional destination voice card - additional cost
- Note: when adding voice board, this will include our 9SPKRASY03 SPEAKER

DESTINATION SPEAKER (9SPKRASY03)



TO ORDER: - SPECIFY MLBOX - X X X

"1" = 3" Characters

COLOR OPTIONS:

"W" = Warm White (main character) Red (down) Green (up)
"A" = Amber (character) Red (down) Green (up)
"B" = Blue (character) Red (down) Green (up)

"T" = Tones

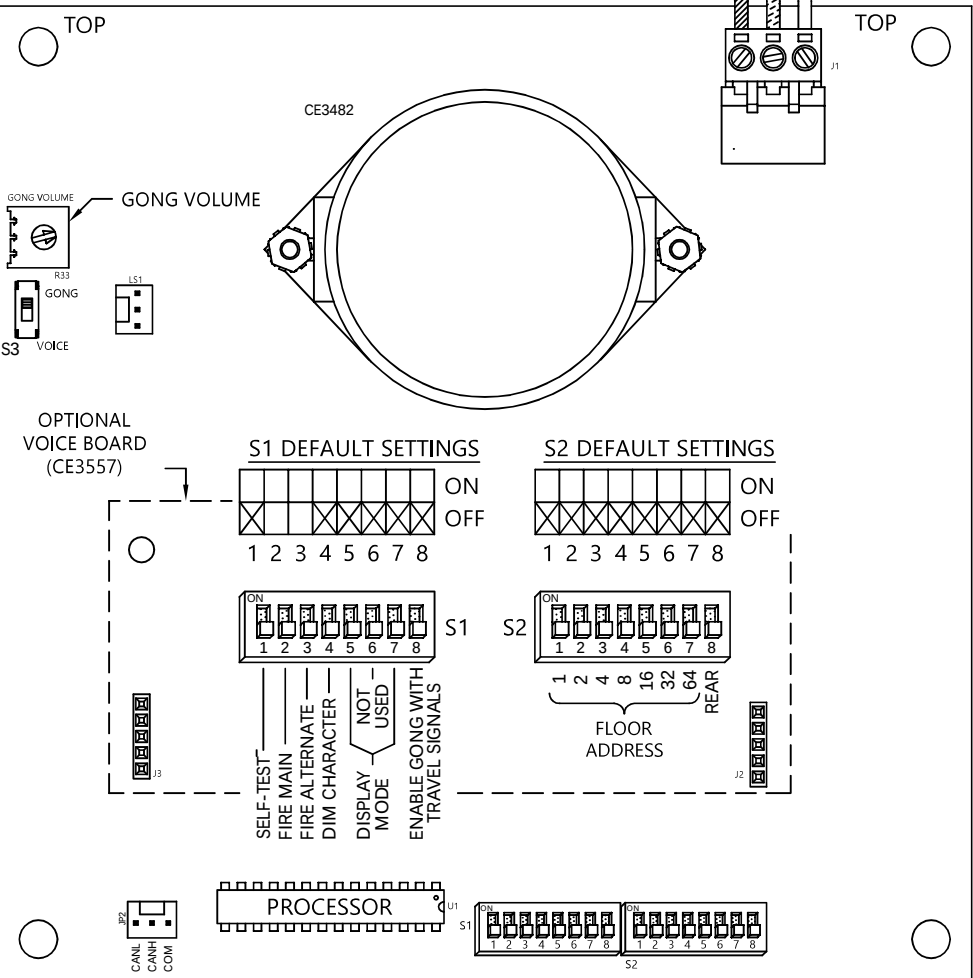
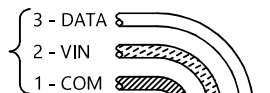
"D" = Destination Voice w/Speaker

NOTE: Lead times vary and characters need to be specified.

~ Some features may not be available for your system. Please check with your manufacture or engineering for special features. ~

MCUBE/MLBOX

MICRO COMM®
INPUT



To use the gong option, set the S3 GONG/VOICE switch to GONG. To use the voice option, install the optional CE3557 voice board, and then set the S3 GONG/VOICE switch to VOICE.

Turn on S1-5 to show the floor character instead of arrival arrows.

NOTE: MUST BE USED WITH A CLASS 2 POWER SUPPLY

CODE VERSION _____

BOARD VERSION CE3482 ____

S1-5	S1-7	DISPLAY MODE
OFF	OFF	SHOW ARROWS
OFF	ON	SHOW CHARACTER
ON	OFF	SHOW BOTH
ON	ON	SHOW NEITHER

JOB# _____

	32	16	8	4	2	1	— BIT VALUE —							32	16	8	4	2	1			
CHART TO SET FLOOR ADDRESS WITH DIP SWITCH	DS6	DS5	DS4	DS3	DS2	DS1	FLOOR	DS6	DS5	DS4	DS3	DS2	DS1	FLOOR	DS6	DS5	DS4	DS3	DS2	DS1	FLOOR	
	OFF	OFF	OFF	OFF	OFF	OFF	ALL CALL	ON	OFF	OFF	OFF	OFF	OFF	FLOOR 32	ON	OFF	OFF	OFF	OFF	OFF	FLOOR 32	
	OFF	OFF	OFF	OFF	OFF	ON	FLOOR 1	ON	OFF	OFF	OFF	OFF	ON	FLOOR 33	ON	OFF	OFF	OFF	OFF	ON	FLOOR 33	
	OFF	OFF	OFF	OFF	ON	ON	FLOOR 2	ON	OFF	OFF	OFF	OFF	ON	FLOOR 34	ON	OFF	OFF	OFF	ON	ON	FLOOR 34	
	OFF	OFF	OFF	OFF	ON	ON	FLOOR 3	ON	OFF	OFF	OFF	OFF	ON	FLOOR 35	ON	OFF	OFF	OFF	ON	ON	FLOOR 35	
	OFF	OFF	OFF	ON	OFF	OFF	FLOOR 4	ON	OFF	OFF	ON	OFF	OFF	FLOOR 36	ON	OFF	OFF	ON	OFF	OFF	FLOOR 36	
	OFF	OFF	OFF	ON	OFF	ON	FLOOR 5	ON	OFF	OFF	ON	OFF	ON	FLOOR 37	ON	OFF	OFF	ON	OFF	ON	FLOOR 37	
	OFF	OFF	OFF	ON	ON	OFF	FLOOR 6	ON	OFF	OFF	ON	ON	OFF	FLOOR 38	ON	OFF	OFF	ON	ON	OFF	FLOOR 38	
	OFF	OFF	OFF	ON	ON	ON	FLOOR 7	ON	OFF	OFF	ON	ON	ON	FLOOR 39	ON	OFF	OFF	ON	ON	ON	FLOOR 39	
	OFF	OFF	ON	OFF	OFF	OFF	FLOOR 8	ON	OFF	ON	OFF	OFF	OFF	FLOOR 40	ON	OFF	ON	OFF	OFF	OFF	FLOOR 40	
	OFF	OFF	ON	OFF	OFF	ON	FLOOR 9	ON	OFF	ON	OFF	OFF	ON	FLOOR 41	ON	OFF	ON	OFF	OFF	ON	FLOOR 41	
	OFF	OFF	ON	OFF	ON	OFF	FLOOR 10	ON	OFF	ON	OFF	ON	OFF	FLOOR 42	ON	OFF	ON	OFF	ON	OFF	FLOOR 42	
	OFF	OFF	ON	OFF	ON	ON	FLOOR 11	ON	OFF	ON	OFF	ON	ON	FLOOR 43	ON	OFF	ON	OFF	ON	ON	FLOOR 43	
	OFF	OFF	ON	ON	OFF	OFF	FLOOR 12	ON	OFF	ON	ON	OFF	OFF	FLOOR 44	ON	OFF	ON	ON	OFF	OFF	FLOOR 44	
	OFF	OFF	ON	ON	OFF	ON	FLOOR 13	ON	OFF	ON	ON	OFF	ON	FLOOR 45	ON	OFF	ON	ON	OFF	ON	FLOOR 45	
	OFF	OFF	ON	ON	ON	OFF	FLOOR 14	ON	OFF	ON	ON	ON	OFF	FLOOR 46	ON	OFF	ON	ON	ON	OFF	FLOOR 46	
	OFF	OFF	ON	ON	ON	ON	FLOOR 15	ON	OFF	ON	ON	ON	ON	FLOOR 47	ON	OFF	ON	ON	ON	ON	FLOOR 47	
	OFF	ON	OFF	OFF	OFF	OFF	FLOOR 16	ON	ON	OFF	OFF	OFF	OFF	FLOOR 48	ON	ON	OFF	OFF	OFF	OFF	FLOOR 48	
	OFF	ON	OFF	OFF	OFF	ON	FLOOR 17	ON	ON	OFF	OFF	OFF	OFF	ON	FLOOR 49	ON	ON	OFF	OFF	OFF	ON	FLOOR 49
	OFF	ON	OFF	OFF	ON	OFF	FLOOR 18	ON	ON	OFF	OFF	ON	OFF	FLOOR 50	ON	ON	OFF	OFF	ON	OFF	FLOOR 50	
	OFF	ON	OFF	OFF	ON	ON	FLOOR 19	ON	ON	OFF	OFF	ON	ON	FLOOR 51	ON	ON	OFF	OFF	ON	ON	FLOOR 51	
	OFF	ON	OFF	ON	OFF	OFF	FLOOR 20	ON	ON	OFF	ON	OFF	OFF	FLOOR 52	ON	ON	OFF	ON	OFF	OFF	FLOOR 52	
	OFF	ON	OFF	ON	OFF	ON	FLOOR 21	ON	ON	OFF	ON	OFF	ON	FLOOR 53	ON	ON	OFF	ON	OFF	ON	FLOOR 53	
	OFF	ON	OFF	ON	ON	OFF	FLOOR 22	ON	ON	OFF	ON	ON	ON	FLOOR 54	ON	ON	OFF	ON	ON	OFF	FLOOR 54	
	OFF	ON	OFF	ON	ON	ON	FLOOR 23	ON	ON	OFF	ON	ON	ON	FLOOR 55	ON	ON	OFF	ON	ON	ON	FLOOR 55	
	OFF	ON	ON	OFF	OFF	OFF	FLOOR 24	ON	ON	ON	OFF	OFF	OFF	FLOOR 56	ON	ON	ON	OFF	OFF	OFF	FLOOR 56	
	OFF	ON	ON	OFF	OFF	ON	FLOOR 25	ON	ON	ON	OFF	OFF	ON	FLOOR 57	ON	ON	ON	OFF	OFF	ON	FLOOR 57	
	OFF	ON	ON	OFF	ON	OFF	FLOOR 26	ON	ON	ON	OFF	ON	OFF	FLOOR 58	ON	ON	ON	OFF	ON	OFF	FLOOR 58	
	OFF	ON	ON	OFF	ON	ON	FLOOR 27	ON	ON	ON	OFF	ON	ON	FLOOR 59	ON	ON	ON	OFF	ON	ON	FLOOR 59	
	OFF	ON	ON	ON	OFF	OFF	FLOOR 28	ON	ON	ON	ON	OFF	OFF	FLOOR 60	ON	ON	ON	ON	OFF	OFF	FLOOR 60	
	OFF	ON	ON	ON	OFF	ON	FLOOR 29	ON	ON	ON	ON	ON	OFF	FLOOR 61	ON	ON	ON	ON	ON	OFF	FLOOR 61	
	OFF	ON	ON	ON	ON	OFF	FLOOR 30	ON	ON	ON	ON	ON	ON	OFF	FLOOR 62	ON	ON	ON	ON	ON	OFF	FLOOR 62
	OFF	ON	ON	ON	ON	ON	FLOOR 31	ON	ON	ON	ON	ON	ON	ON	FLOOR 63	ON	ON	ON	ON	ON	ON	FLOOR 63

Use a MICRO COMM® source to send messages with the level required to activate the features listed below.

To blank the display during a fire main (level three) message, turn on DIP switch S1-2 (FM).

To blank the display during a fire alternate (level two) message, turn on DIP switch S1-3 (FA).

Use the above chart to set the DIP switches for the floor address where the unit is located. Set up the MICRO COMM® driver to send arrival information.

Turn off S2-1 to S2-7 to put the display in travel mode. The LEDs use travel information and react to all travel direction changes. Turn on S1-8 to enable the gong to use travel information as well.

Turn on S2-1 to S2-7 to put the unit in "ALL CALL" mode using in-car lantern signals. The LEDs and gong use arrival signals and react to all arrival events, regardless of the floor location of the elevator.

To set the unit for a floor above 63, turn on DIP switch S2-7 (64) and set DIP switches S2-1 through S2-6 as shown on the chart, subtracting 64 from the desired floor number. For example, to set the unit for floor 75, turn on DIP switch S2-7 and set DIP switches S2-1 to S2-6 for floor 11 (75 - 64 = 11).

To use the display as a rear unit, turn on DIP switch S2-8 (REAR). NOTE: The MICRO COMM® source must send the MC2000 data stream to use this feature. Call Tech Support at 419-636-6705 for more information.

DATE DRAWN: 08/18/10	DRAWN BY: DAC	REQUESTED BY: TC	 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43306 (419) 636-6705
BOARD NUMBER: 3482	LAST DATE REVISED: 04/20/23	APPROVED BY:	
PRODUCT CUBE DISPLAY WITH MICRO COMM® INPUT			
DWG. NO. MCUBE_01			REV. H

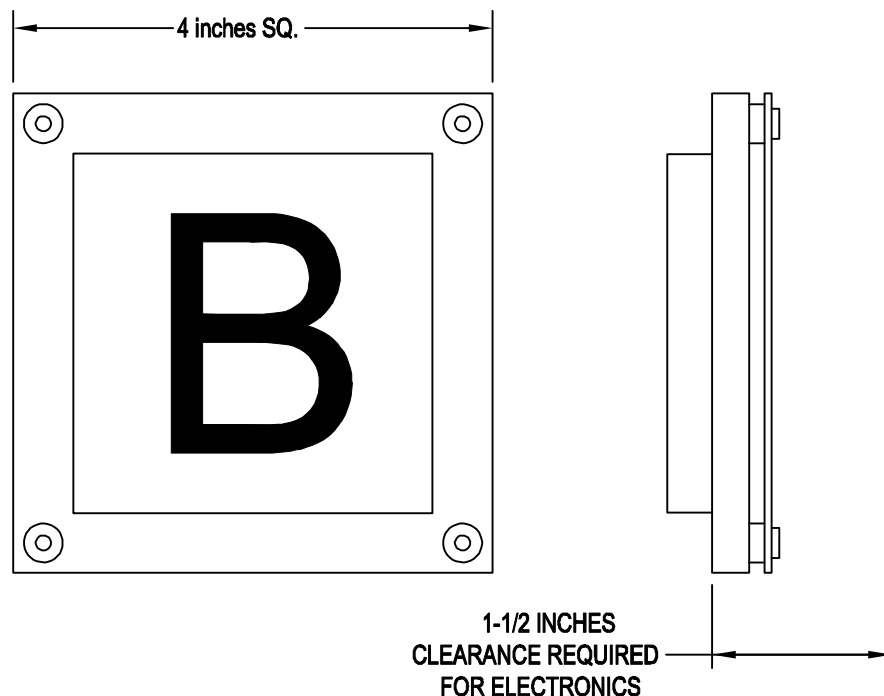


C.E. Electronics, Inc.
2107 Industrial Drive
Bryan, OH 43506
PH (419) 636-6705 FX (419) 636-2516
www.ccelectronics.com

MBOX-X

Ver. 2 Rel. 11/04/2016

DESTINATION
BASED



MBOX

3 INCH LED EXTENDED DESTINATION BLOCK

Long life, solid state LED's with a 100,000 hour rated life. Accepts existing signals over the MICRO COMM link. It includes white LED's when floor is available. For arrival they turn either green in the up direction or red in the down with destination characters for 180° viewing. The unit is also equipped with an arrival speaker and destination tones. The programming is dip switch selectable. Must specify elevator car character.

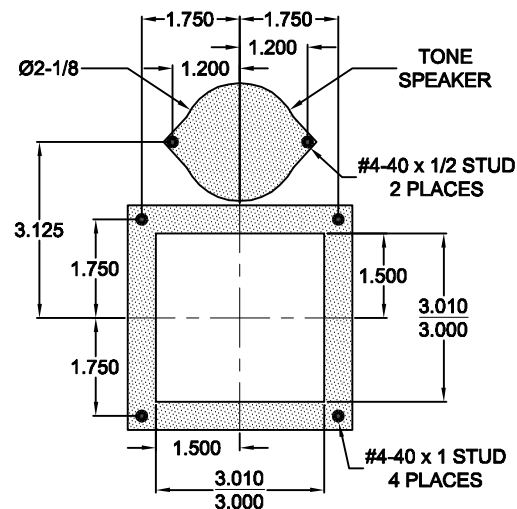
Typical Applications

- Destination Indicator with auto fill arrival arrows

Features:

- 2 inch characters
- 180° viewing angle lantern
- 1 year factory warranty
- Conforms to ADAAG 4.10.4
- Includes speaker for tones
- MICRO COMM input
- Metal - optional
- Destination voice - optional (additional cost)
Note: 9SPKRASY03 speaker included with Destination voice option

- Some features may not be available for your system
- Please check with manufacturer for special features
- Consult Manufacturer for lead time

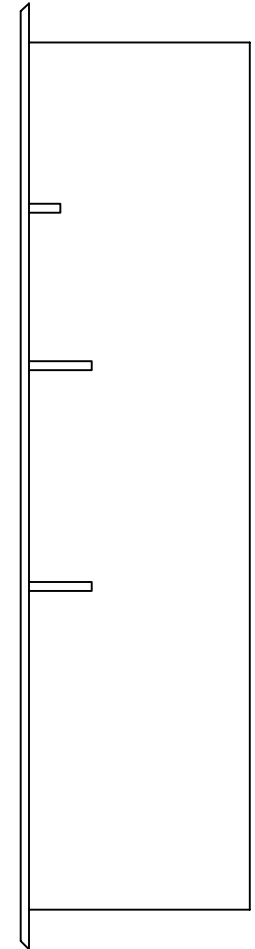
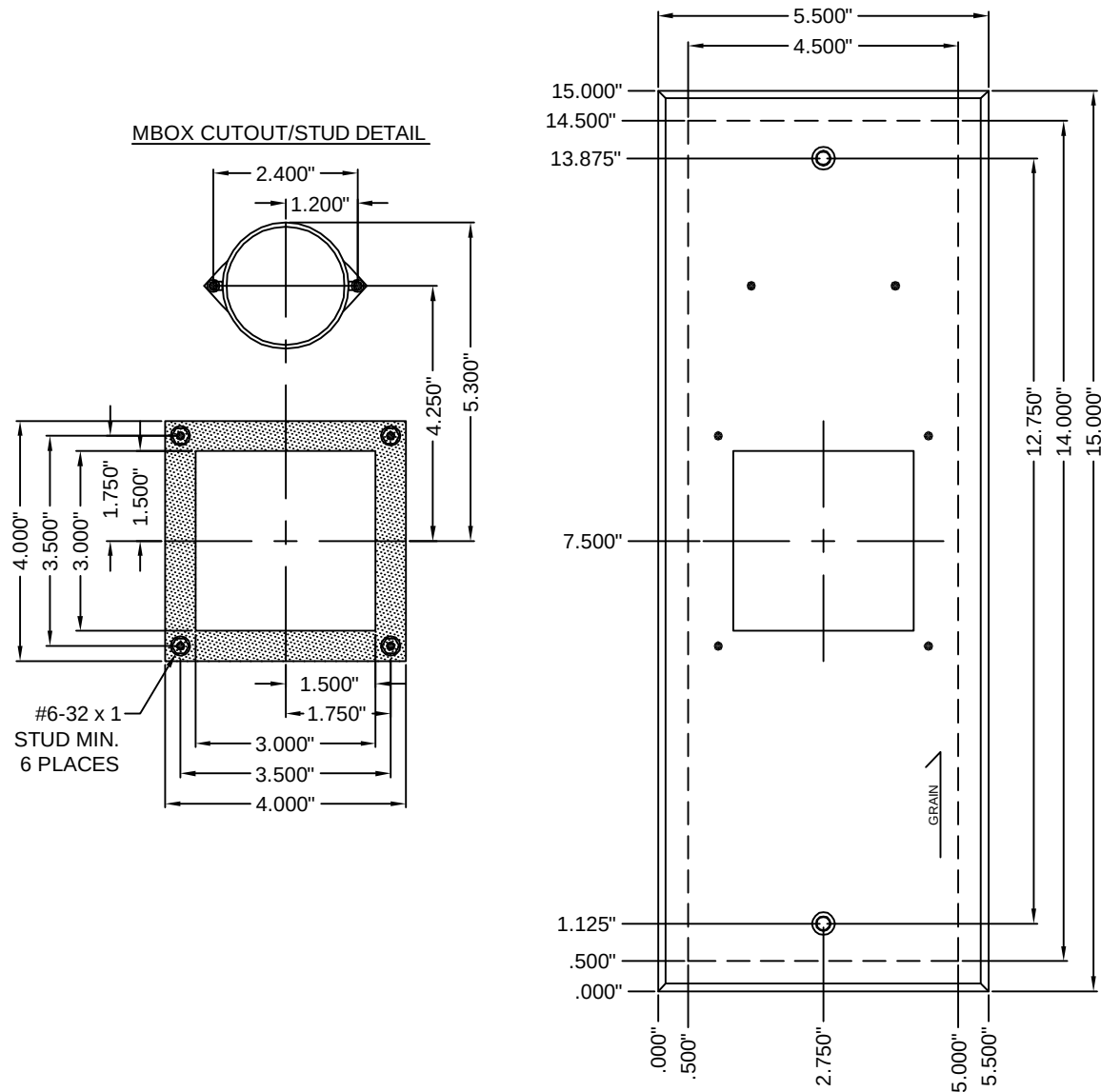


PANEL PREP

TO ORDER: - SPECIFY MBOX-X

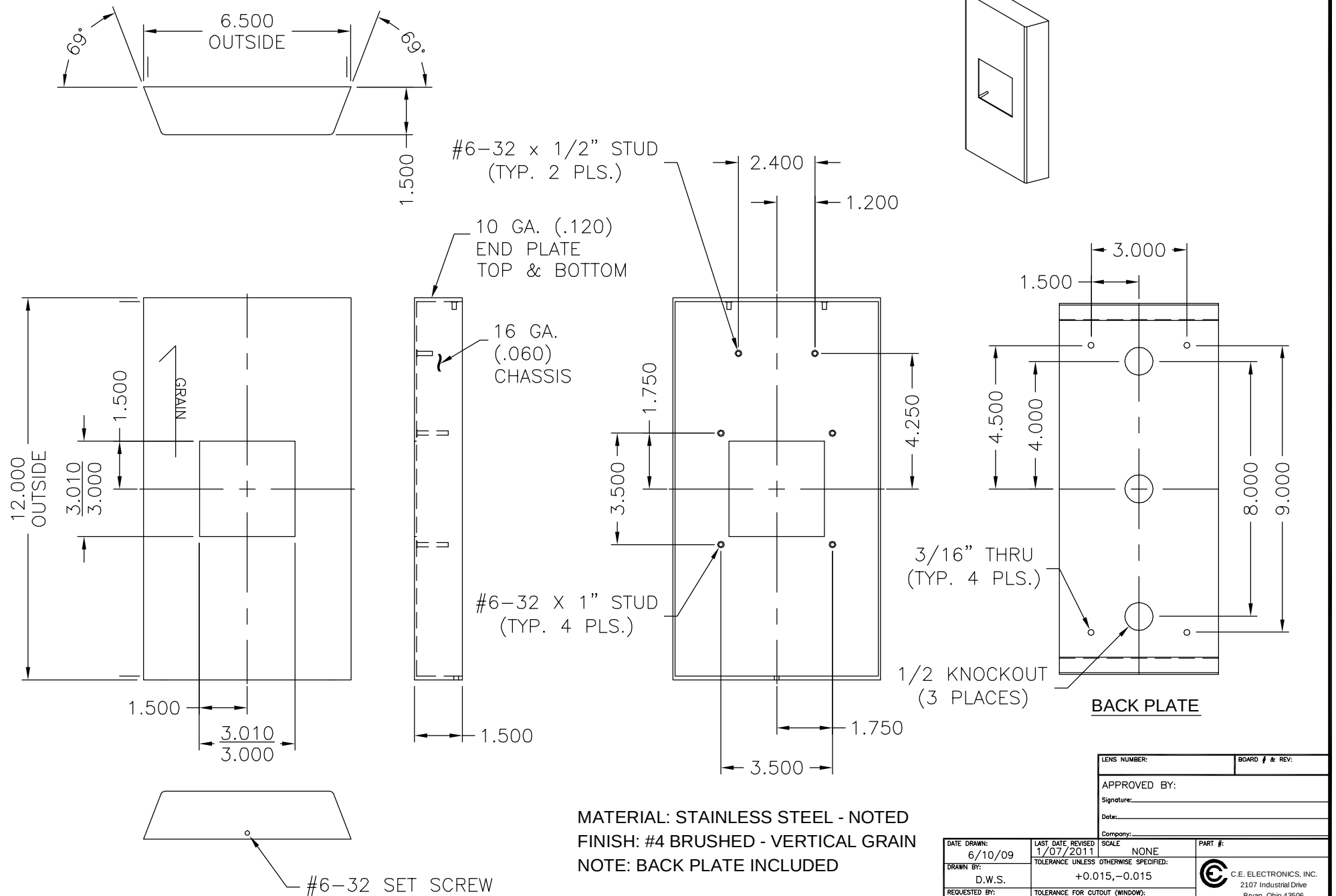
"BLANK" = No Voice

"D" = DESTINATION Voice
(Adds 1/4 inch to depth)



- NOTES:
- #4 STAINLESS STEEL, .125"
 - VERTICAL GRAIN
 - BEVELED EDGES - APPROXIMATELY 15°
 - BOX REQUIRED, 3.5" DEEP, NO EXTRUDED BOX
 - C'SINK MOUNTING HOLES FOR #10 TAMPERPROOF SCREW

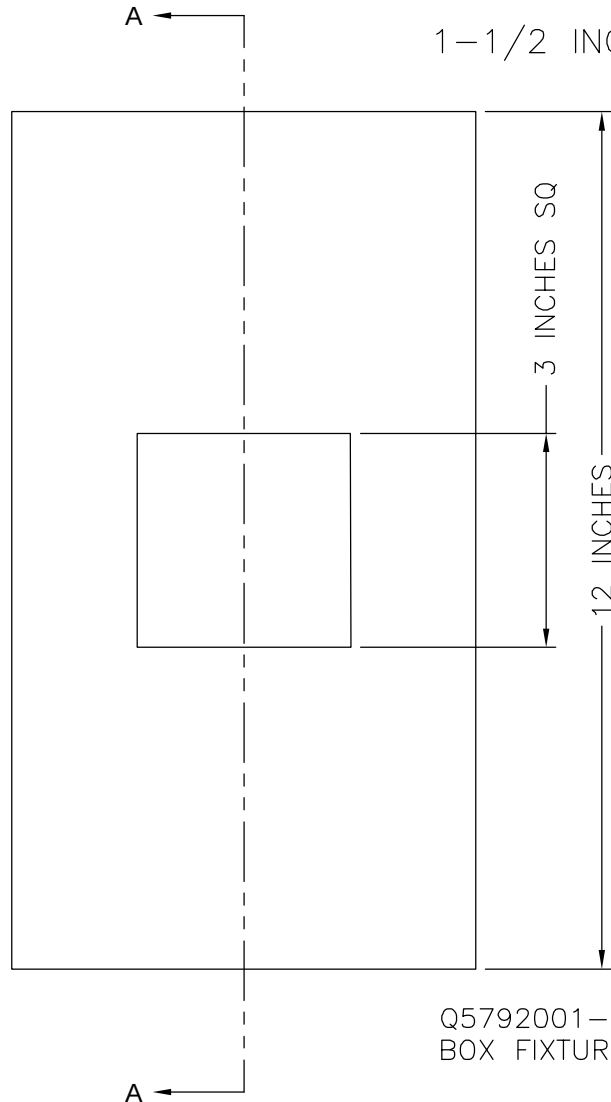
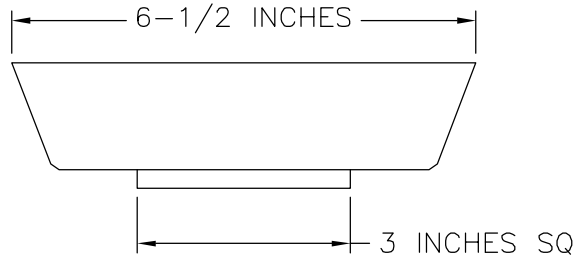
LENS NUMBER:		BOARD # & REV:	
APPROVED BY:			
Signature: _____			
Date: _____			
Company: _____			
DATE DRAWN: 8/23/2010	LAST DATE REVISED:	SCALE: NONE	PART #:
DRAWN BY: DWS	TOLERANCE UNLESS OTHERWISE SPECIFIED: +0.015, -0.015		C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
REQUESTED BY: CS	TOLERANCE FOR CUTOUT (WINDOW): +0.020, -0.000		
TITLE: MBOX FIXTURE - VENDOR			DWG. NO. 70100064-2 REV:



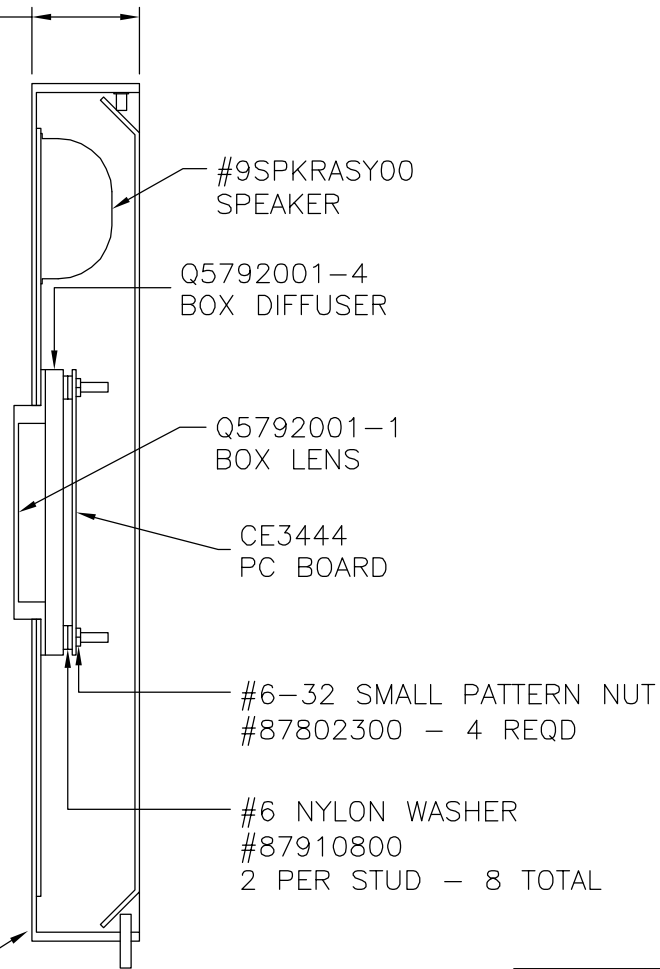
LENS NUMBER:	BOARD # & REV:
APPROVED BY:	
Signature:	
Date:	
Company:	

DATE DRAWN: 6/10/09	LAST DATE REVISED 1/07/2011	SCALE NONE	PART #:
DRAWN BY: D.W.S.	TOLERANCE UNLESS OTHERWISE SPECIFIED: +0.015, -0.015		
REQUESTED BY: R.T.	TOLERANCE FOR CUTOFF (WINDOW):		
TITLE: C.E. BOX FIXTURE		DWG. NO. 70100140	REV: A

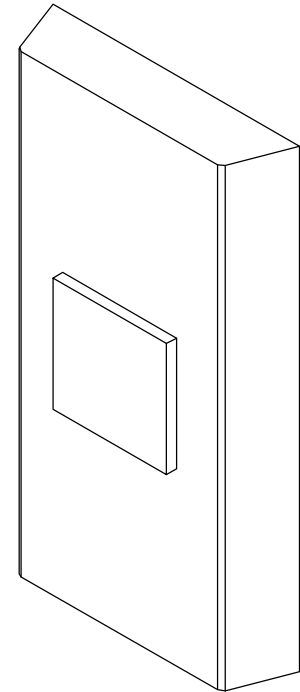
70100140



SECTION A-A

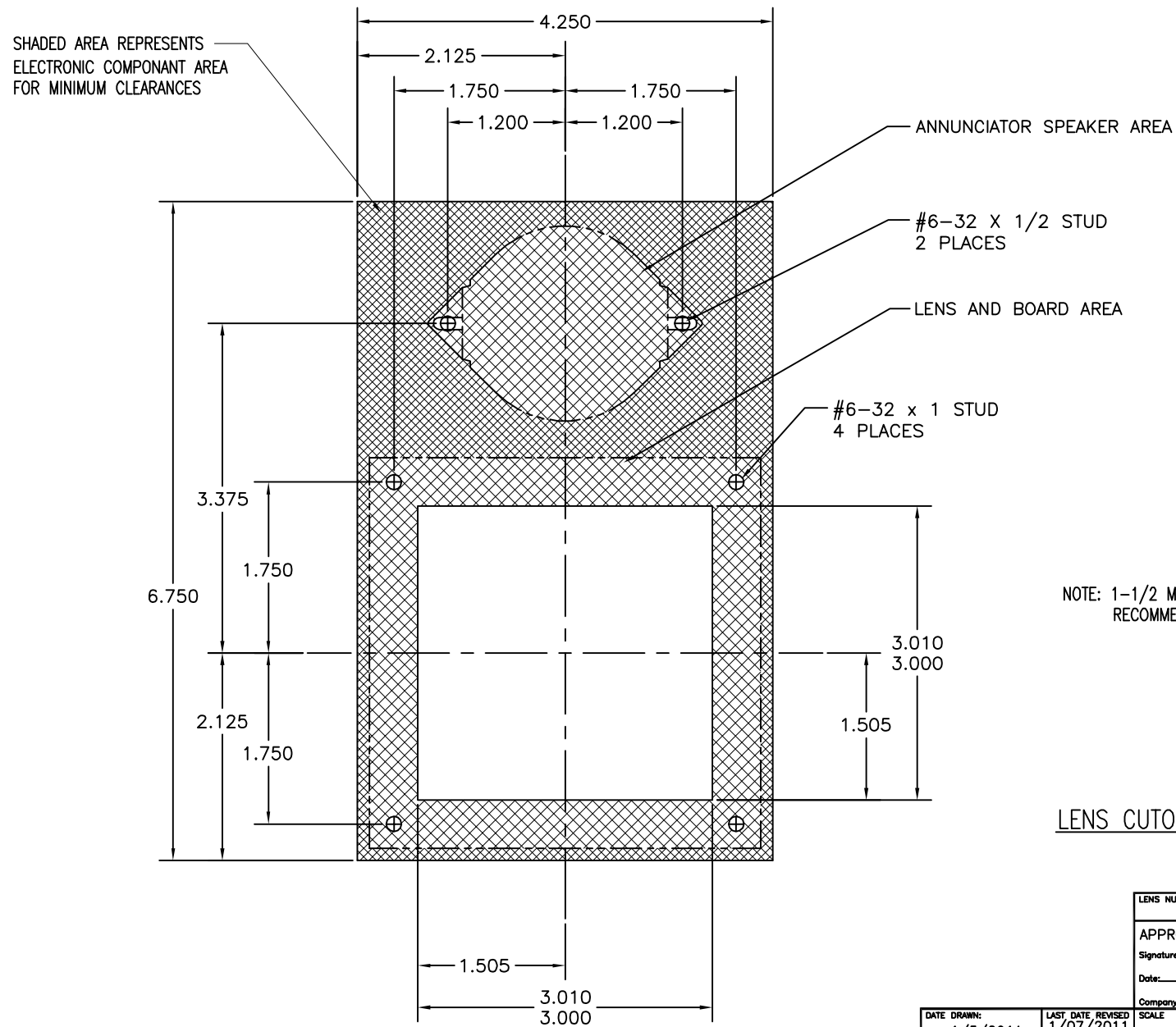


Q5792001-2
BOX FIXTURE



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

DATE DRAWN: 6/10/09	LAST DATE REVISED 1/07/2011	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: R.T.	TOLERANCE FOR CUTOFF (WINDOW):		
TITLE: BOX FIXTURE - CUSTOMER			DWG. NO. 70100140 REV: A



— ANNUNCIATOR SPEAKER AREA

— #6-32 X 1/2 STUD
2 PLACES

—LENS AND BOARD AREA

— #6-32 x 1 STUD
4 PLACES

NOTE: 1-1/2" MINIMUM DEPTH
RECOMMENDED

LENS CUTOUT AND STUD DETAIL

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

APPROVED BY:

Signature:_____

Date:_____

Company: _____

DATE DRAWN: 1/5/2011		LAST DATE REVISED 1/07/2011		SCALE NTS		PART #:	
DRAWN BY: RNT		TOLERANCE UNLESS OTHERWISE SPECIFIED: .				 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, OH 43506 (419) 636-6705	
REQUESTED BY:		TOLERANCE FOR CUTOUT (WINDOW): .					
TITLE: C.E. BOX — PANEL PREP						DWG. NO. 70100140	
						REV: A	

DRAWN BY:
RNT

REQUESTED BY:

TOLERANCE UNLESS OTHERWISE SPECIFIED:

TOLERANCE FOR CUTOUT (WINDOW):	
--------------------------------	--



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

DWG. NO.	70100140
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REV:
A