

> MVETC-XX

2.2 INCH DISPLAY | 3.0 INCH LED EXTENDED ARROW



MICRO COMM

3.0 INCH LED EXTENDED ARROW

Long life, solid state bi-color, solid white or solid blue arrow for lanterns, 100,000 hour rated life. Accepts existing signals over the MICRO COMM link. The unit has a double digit 2 inch display with a 3 inch arrow. The unit is also equipped with an arrival gong. The programming is dip switch selectable.

TYPICAL APPLICATIONS:

- > Hall and car lanterns
- > Pl. combo on extended version

FEATURES:

- > Bi-color - red/green, solid white, solid blue 3 inch arrow
- > 2 inch characters
- > Solid side bar/arrow
- > 1 year factory warranty
- > Conforms to ADAAG 4.10.4
- > Includes gong

METAL:

- > 70100040



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



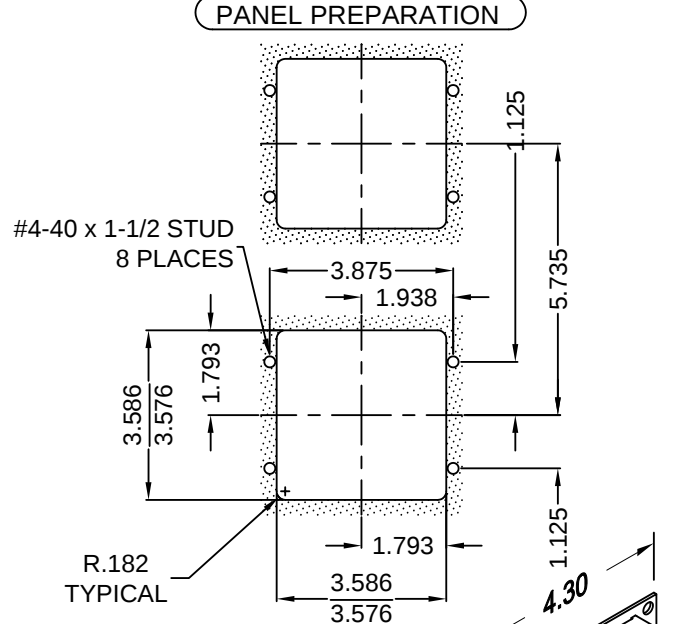
C.E. Electronics, Inc.
2107 Industrial Drive
Bryan, OH 43506
PH (419) 636-6705 FX (419) 636-2516
www.ccelectronics.com

MVETC-XX

Ver. 3 Rel. 2/20/2014

MICRO COMM®
DISPLAYS

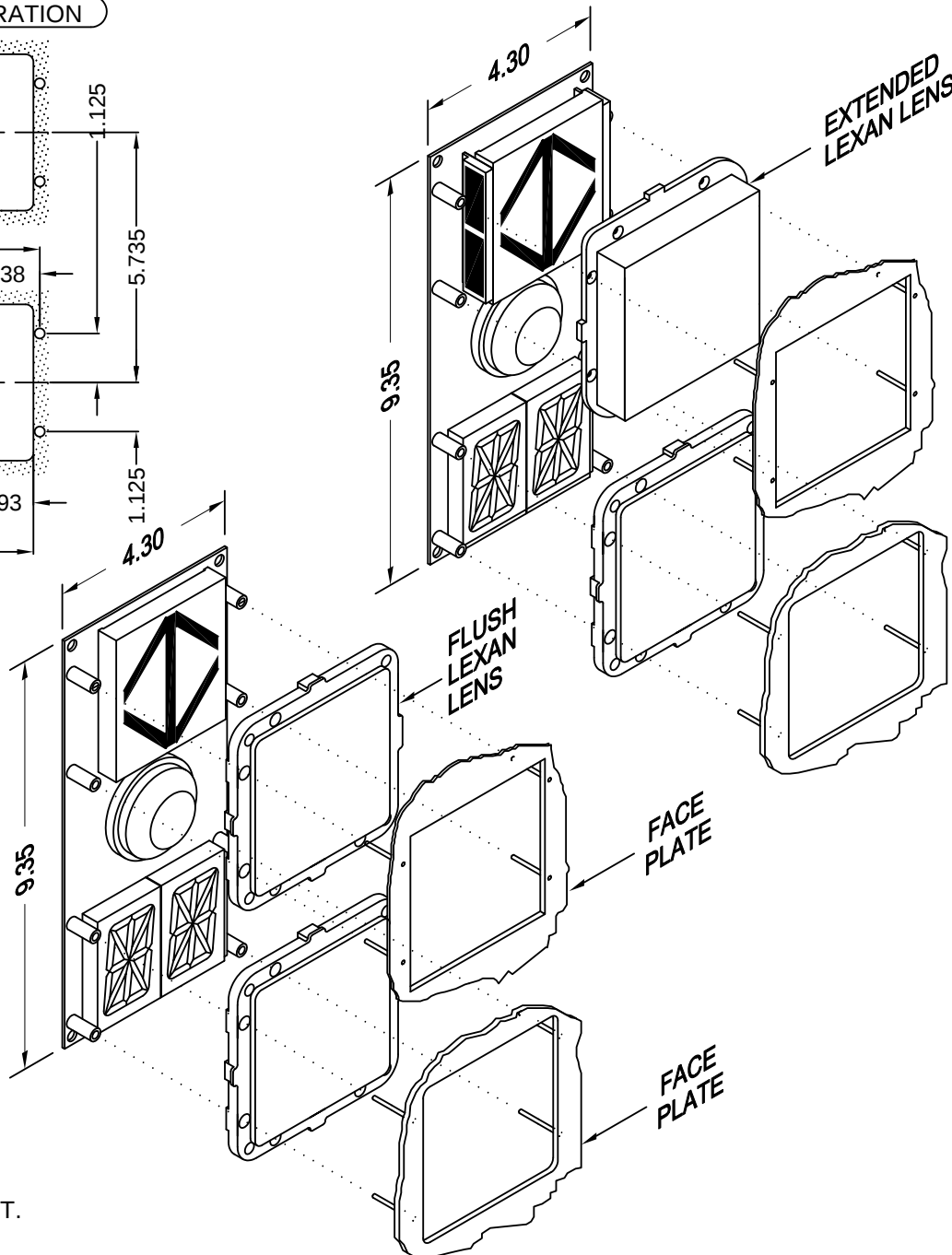
PANEL PREPARATION



NOTE:
1-1/2 INCH MINIMUM
DEPTH OF UNIT

RENEWAL PARTS

Lens: 104-6025A EXT.
Lens: 104-6056A NON EXT.



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3.0 INCH LED EXTENDED ARROW

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Typical Applications

- Hall lanterns
- P.I. combo on extended version

Features

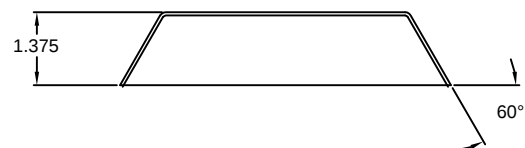
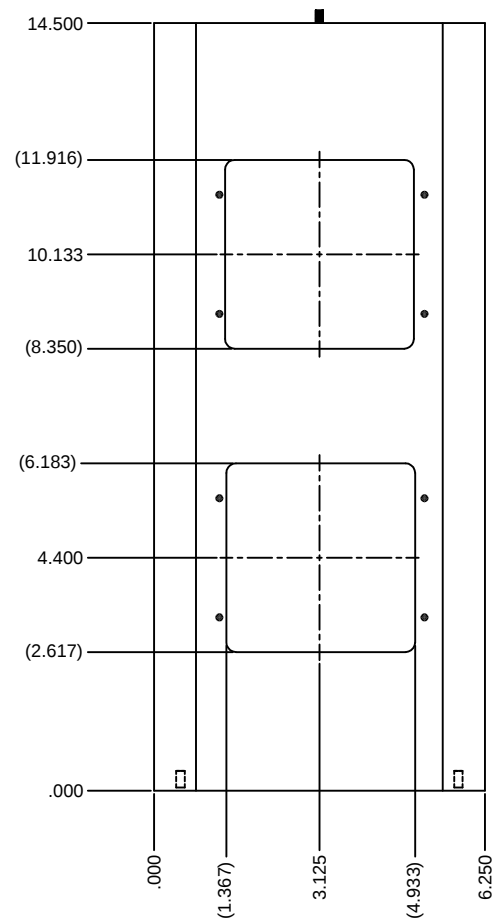
- Bi-color - red/green, solid white or solid blue 3 inch arrow
- 2 inch characters
- Solid side bar/arrow
- 1 year factory warranty
- Conforms to ADAAG 4.10.4
- Includes gong

TO ORDER - SPECIFY MVETC-XX

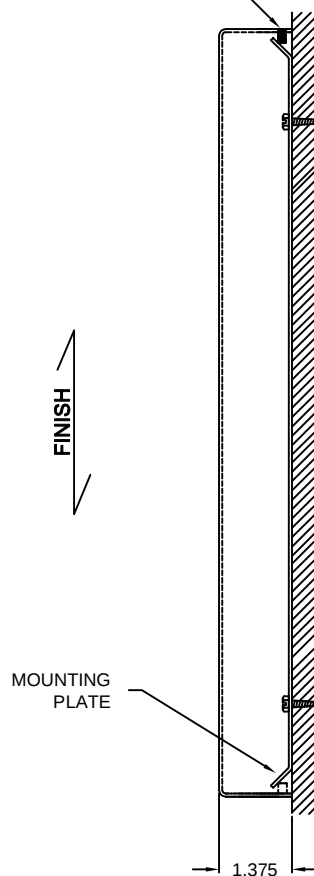
E = EXTENDED
F = FLUSH

LED COLOR:

"R" = RED digits, bicolor arrow
"G" = GREEN digits, bicolor arrow
"B" = BLUE digits, blue lantern
"W" = WHITE digits, white lantern



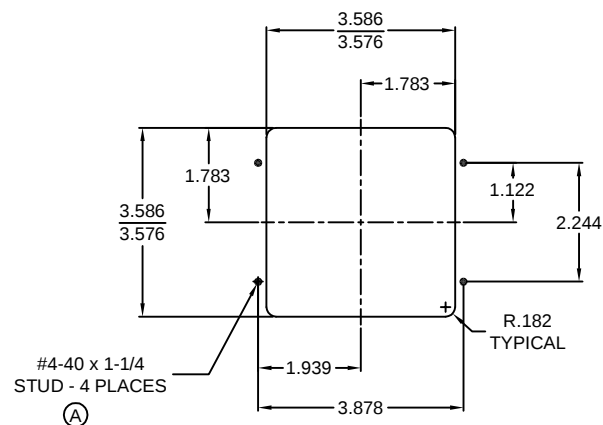
#6-32 ALLEN HD
SET SCREWS



FINISH

MOUNTING
PLATE

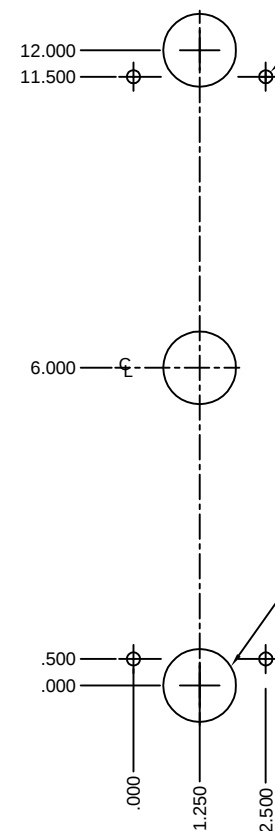
DETAIL



#4-40 x 1-1/4
STUD - 4 PLACES

(A)

Ø.250
TYPICAL



REF. 0.875" DIA
— (1/2" KNOCKOUT)
(TYP. 3 PLS)

CUT-OUT & MTG. DETAIL

MATERIAL: 16 GA (.06) STAINLESS STEEL

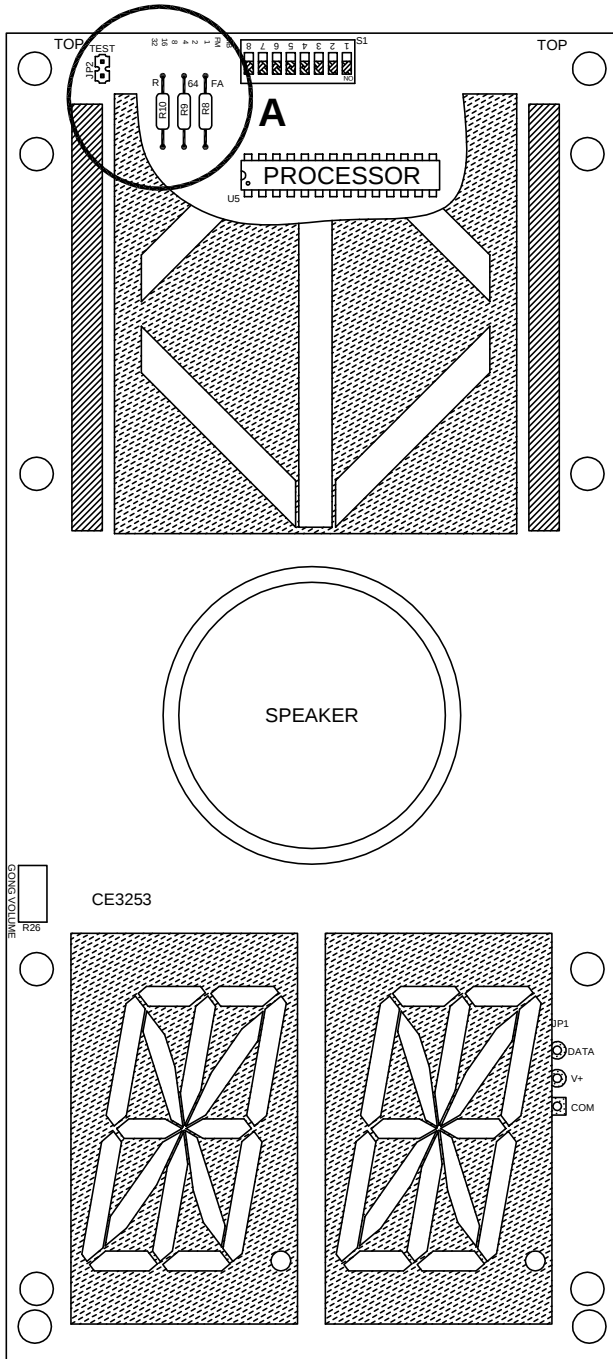
FINISH: #4 BRUSHED - VERTICAL GRAIN

NOTE: BACK PLATE INCLUDED

LENS NUMBER:		BOARD # & REV:	
APPROVED BY:			
Signature: _____			
Date: _____			
Company: _____			
SCALE		PART #:	
UNLESS OTHERWISE SPECIFIED: ±.015		 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43066 (419) 636-6705	
CUTOUT (WINDOW):		DWG. NO. 70100040 REV. A	
FACE MOUNT METAL			

MVETC

JOB# _____

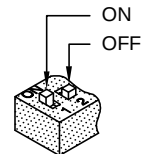
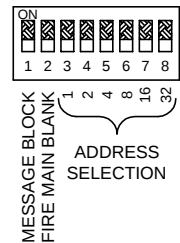


FLOOR ADDRESS CHART

TO DISPLAY THE ARRIVAL LANTERN AT THE CORRECT FLOOR LEVEL, SET THE DIP SWITCHES AS FOLLOWS (0=OFF, 1=ON)

DS8	DS7	DS6	DS5	DS4	DS3	FLOOR	DS8	DS7	DS6	DS5	DS4	DS3	FLOOR
0	0	0	0	0	0	ALL CALL	1	0	0	0	0	0	FLOOR #32
0	0	0	0	0	1	FLOOR #1	1	0	0	0	0	1	FLOOR #33
0	0	0	0	1	0	FLOOR #2	1	0	0	0	1	0	FLOOR #34
0	0	0	0	1	1	FLOOR #3	1	0	0	0	1	1	FLOOR #35
0	0	0	1	0	0	FLOOR #4	1	0	0	1	0	0	FLOOR #36
0	0	0	1	0	1	FLOOR #5	1	0	0	1	0	1	FLOOR #37
0	0	0	1	1	0	FLOOR #6	1	0	0	1	1	0	FLOOR #38
0	0	0	1	1	1	FLOOR #7	1	0	0	1	1	1	FLOOR #39
0	0	1	0	0	0	FLOOR #8	1	0	1	0	0	0	FLOOR #40
0	0	1	0	0	1	FLOOR #9	1	0	1	0	0	1	FLOOR #41
0	0	1	0	1	0	FLOOR #10	1	0	1	0	1	0	FLOOR #42
0	0	1	0	1	1	FLOOR #11	1	0	1	0	1	1	FLOOR #43
0	0	1	1	0	0	FLOOR #12	1	0	1	1	0	0	FLOOR #44
0	0	1	1	0	1	FLOOR #13	1	0	1	1	0	1	FLOOR #45
0	0	1	1	1	0	FLOOR #14	1	0	1	1	1	0	FLOOR #46
0	0	1	1	1	1	FLOOR #15	1	0	1	1	1	1	FLOOR #47
0	1	0	0	0	0	FLOOR #16	1	1	0	0	0	0	FLOOR #48
0	1	0	0	0	1	FLOOR #17	1	1	0	0	0	1	FLOOR #49
0	1	0	0	1	0	FLOOR #18	1	1	0	0	1	0	FLOOR #50
0	1	0	0	1	1	FLOOR #19	1	1	0	0	1	1	FLOOR #51
0	1	0	1	0	0	FLOOR #20	1	1	0	1	0	0	FLOOR #52
0	1	0	1	0	1	FLOOR #21	1	1	0	1	0	1	FLOOR #53
0	1	0	1	1	0	FLOOR #22	1	1	0	1	1	0	FLOOR #54
0	1	0	1	1	1	FLOOR #23	1	1	0	1	1	1	FLOOR #55
0	1	1	0	0	0	FLOOR #24	1	1	1	0	0	0	FLOOR #56
0	1	1	0	0	1	FLOOR #25	1	1	1	0	0	1	FLOOR #57
0	1	1	0	1	0	FLOOR #26	1	1	1	0	1	0	FLOOR #58
0	1	1	0	1	1	FLOOR #27	1	1	1	0	1	1	FLOOR #59
0	1	1	1	0	0	FLOOR #28	1	1	1	1	0	0	FLOOR #60
0	1	1	1	0	1	FLOOR #29	1	1	1	1	0	1	FLOOR #61
0	1	1	1	1	0	FLOOR #30	1	1	1	1	1	0	FLOOR #62
0	1	1	1	1	1	FLOOR #31	1	1	1	1	1	1	FLOOR #63

DIP SWITCH DETAIL



DEFAULT SETTINGS

								ON
								OFF
1	2	3	4	5	6	7	8	

The Micro Comm driver must be programmed to send messages with the level required to activate the features listed below.

To block level one messages from displaying, turn on DIP switch 1 (MB).

To blank the display during a fire alternate (level two) message, remove resistor R8 (FA) from the board.

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

To operate the display as a hall (arrival) lantern, use the chart at right to set the DIP switch to the desired floor. For floors above floor 63, remove resistor R9 (64) from the board, subtract 64 from the desired floor number, and use the chart to set the DIP switch for the resulting floor number. For example, to set the unit for floor 75, remove resistor R9 and set the DIP switches for floor 11 (75 - 64 = 11). NOTE: The Micro Comm driver must be set up to send arrival information.

To operate the display as an in-car lantern using travel signals, the unit must have resistor R9 (64) installed and DIP switches 3-8 turned off.

To operate the display as an in-car lantern using arrival signals, the unit must have resistor R9 (64) removed and DIP switches 3-8 turned on.

To operate the display as a rear lantern, remove resistor R10 (REAR) from the board. NOTE: The Micro Comm driver must be sending the MC2000 data stream to use this feature. Call Tech Support at 419-636-6705 for more information.

NOTE: MUST BE USED WITH A CLASS 2 POWER SUPPLY.

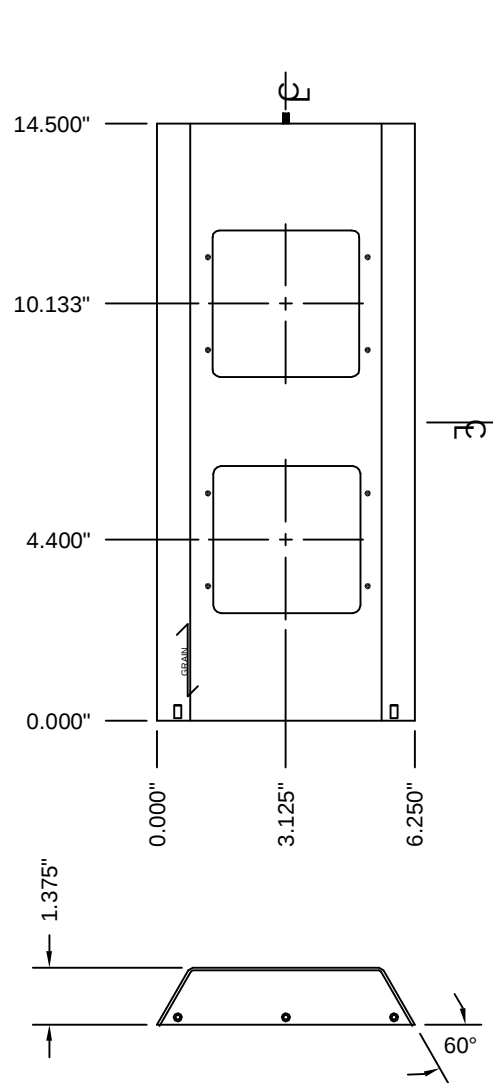
CODE VERSION _____

BOARD VERSION CE3253 ____

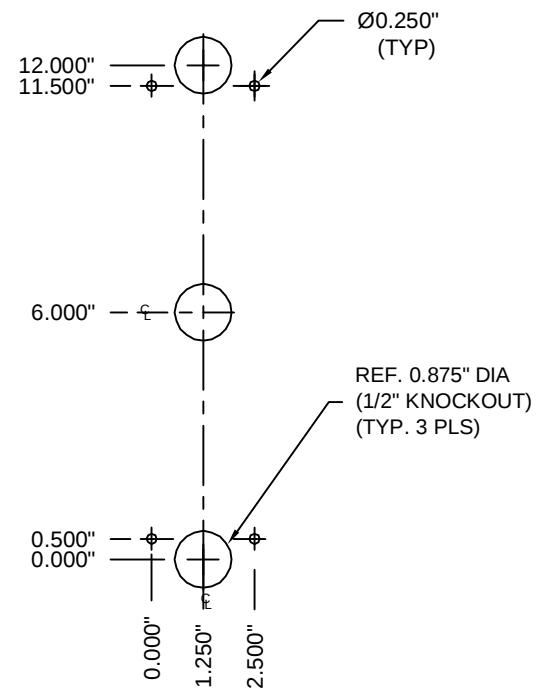
DATE DRAWN: 05/08/08	DRAWN BY: DAC	REQUESTED BY: DY	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43306 (419) 636-6705
BOARD NUMBER: 3253	LAST DATE REVISED: -	APPROVED BY:	
PRODUCT: MVETC	DWG. NO.: MVETC_01	REV.: -	

70100040

COVER PLATE

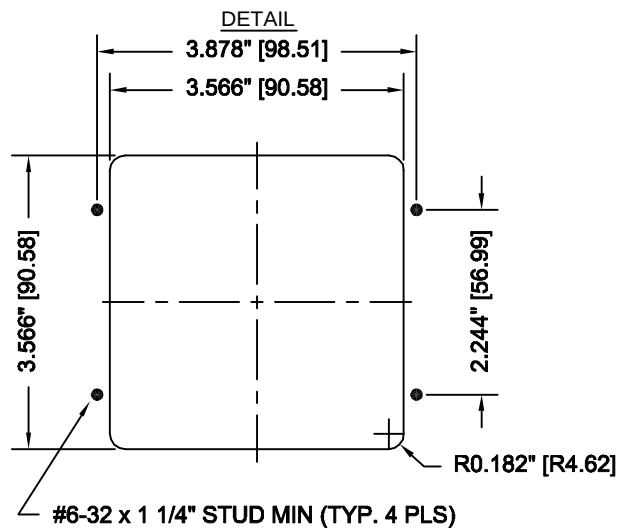
#6-32 ALLEN HD
SET SCREWSMOUNTING
PLATE

1.375"

CUT-OUT & MTG. DETAIL

NOTES:

#4 STAINLESS STEEL, PAN TYPE COVER, 16 GAUGE .060
VERTICAL GRAIN
BACK PLATE INCLUDED



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

DATE DRAWN: 10/25/06	LAST DATE REVISED	SCALE	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: C.S.	TOLERANCE FOR CUTOFF (WINDOW): +0.020, -0.000		
TITLE: OTIS SPECTRA SERIES SURFACE MOUNT METAL			DWG. NO. 70100040 REV.