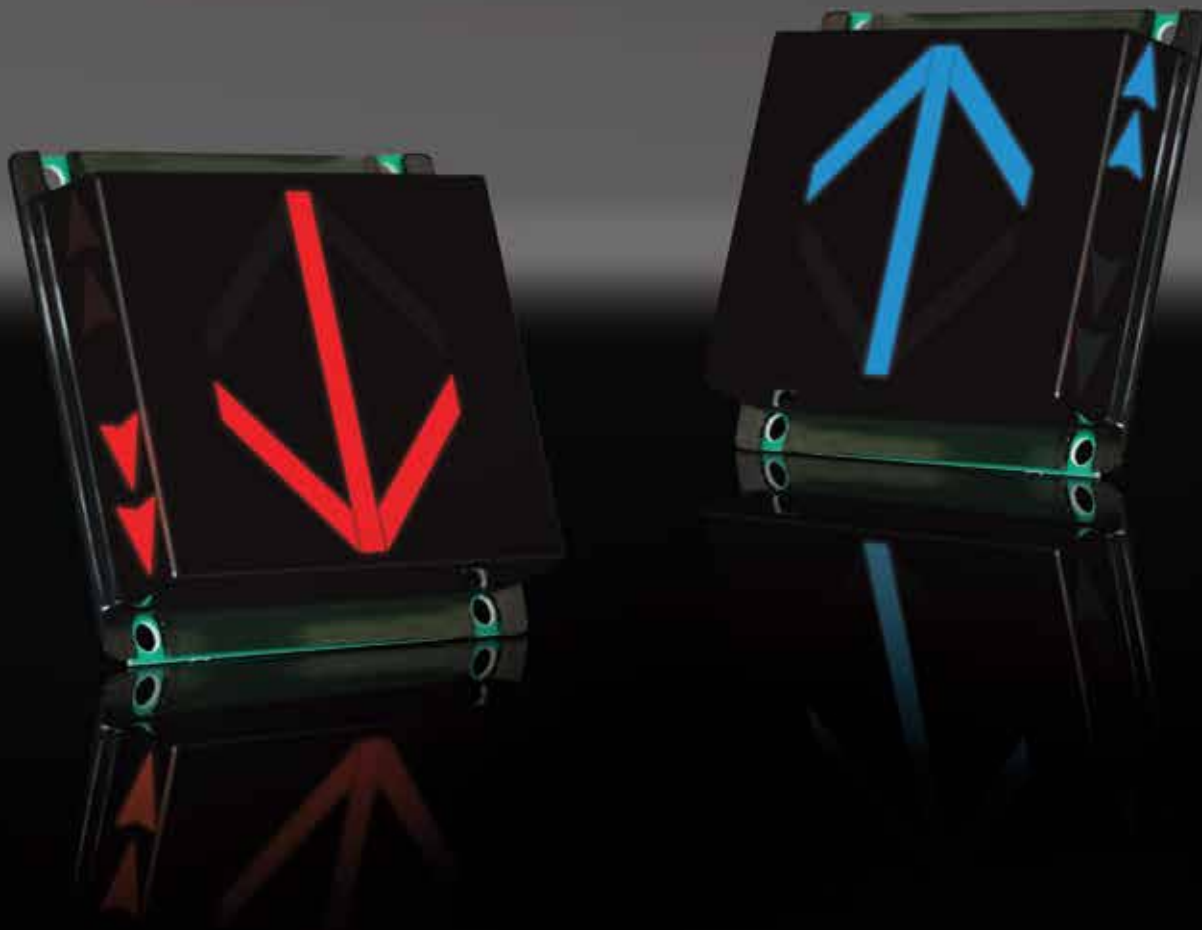# ASB30-XXXX
3.0 INCH LED ARROW

A.D.A
3.0 INCH LED ARROW

Long life, solid state bi-color or blue arrow for lanterns, 100,000 hour rated life. Accepts signals from 18 to 130 volts, AC or DC. The bi-color arrow is green for up and red for down. We also have white or blue up and down with matching side bars for 180° viewing.

TYPICAL APPLICATIONS:

> Hall or car lanterns with 180° viewing angle

FEATURES:

> Ultra-thin packaging
> Red down / green up, solid blue or solid white 3" arrow
> Fast 3-wire hookup
> 1 year factory warranty
> Conforms to ADAAG 4.10.4
> 180° viewing angle
> Solid side bar / arrow

METAL:

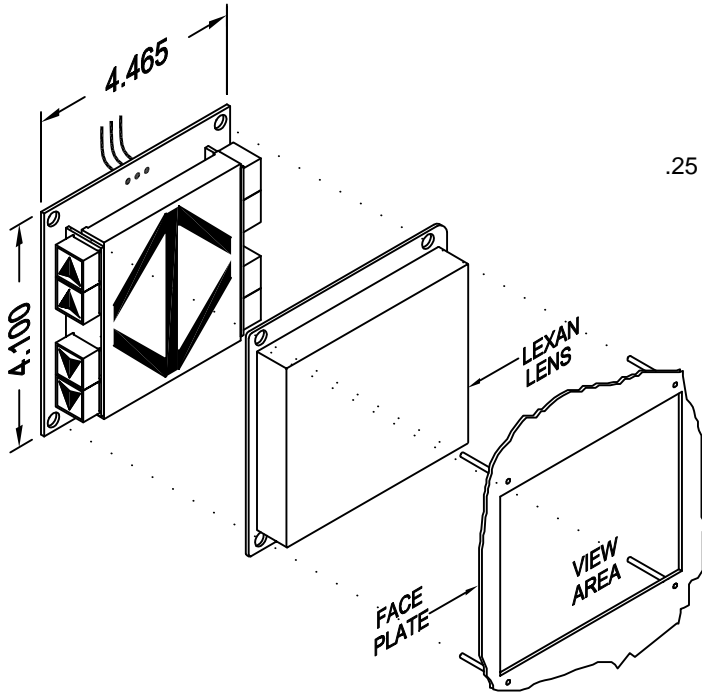> 70100016 (Horizontal)
> 70100017 (Vertical)

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

ASB30-XXXX
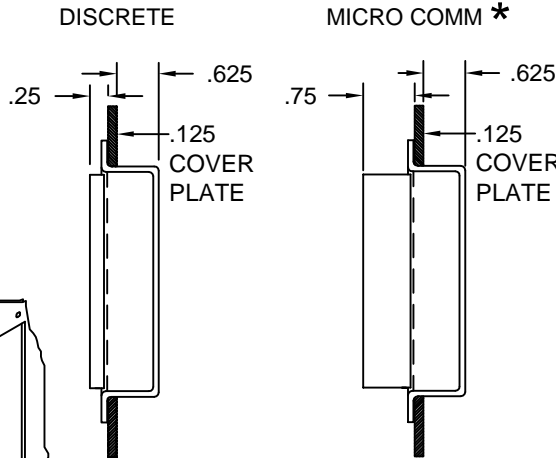Ver. 8 Rel. 11/02/2016

A.D.A.

LEXAN LENS

FACE PLATE

VIEW AREA

4.465

4.100

SIDE VIEW

DISCRETE

MICRO COMM *

.25 .625

.125
COVER
PLATE

.75 .625

.125
COVER
PLATE

RENEWAL PARTS
Lens: 104-6023 GRAY

3.0 INCH ARROW

NOTES:
1. This is not a stand alone unit.*
   Must be used in conjunction
   with MCCU controller.
2. For arrival gong, specify TG024-BFM *
3. If a special voltage is required,
   please consult factory.

PANEL PREPARATION

4.210
4.200

2.100

R.063
TYPICAL

1.850

1.675

3.700

3.360
3.350

1.775

3.550

#4-40 x 1/2 STUD
4 PLACES

3.0 INCH LED ARROW

Long life, solid state bi-color, blue or white arrow for
lanterns, 100,000 hour rated life. Accepts signals from 18
to 130 volts, AC or DC. The bi-color arrow is green for up
and red for down. We also have white or blue up and
down with matching sidebars for 180° viewing.

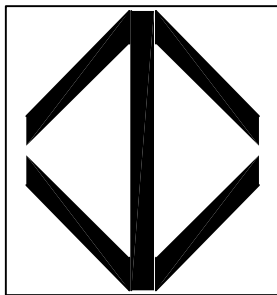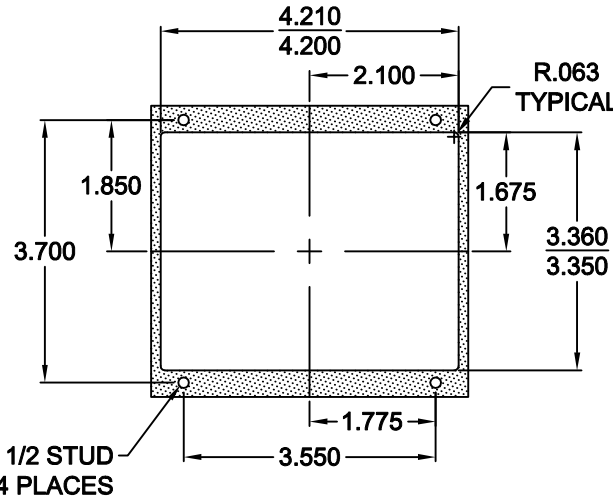Typical applications:
• Hall or car lanterns with 180° viewing angle

Features:
• Ultra-thin packaging
• Red down/green up, solid blue or solid white 3 inch Arrow
• Fast, 3-wire hookup
• 1 year factory warranty
• Conforms to ADAAG 4.10.4
• 180° viewing angle
• Solid side bar/arrow

TO ORDER - SPECIFY ASB30 - X X X X

COLOR:
"X" = BI-COLOR GREEN/RED
"B" = BLUE
"W" = WHITE

SIGNAL VOLTAGES:
"Z" = +/-18-130 VAC/DC
"M" = MICRO COMM*

SIGNAL FORMAT: (if Micro Comm)
"A" = ARRIVAL
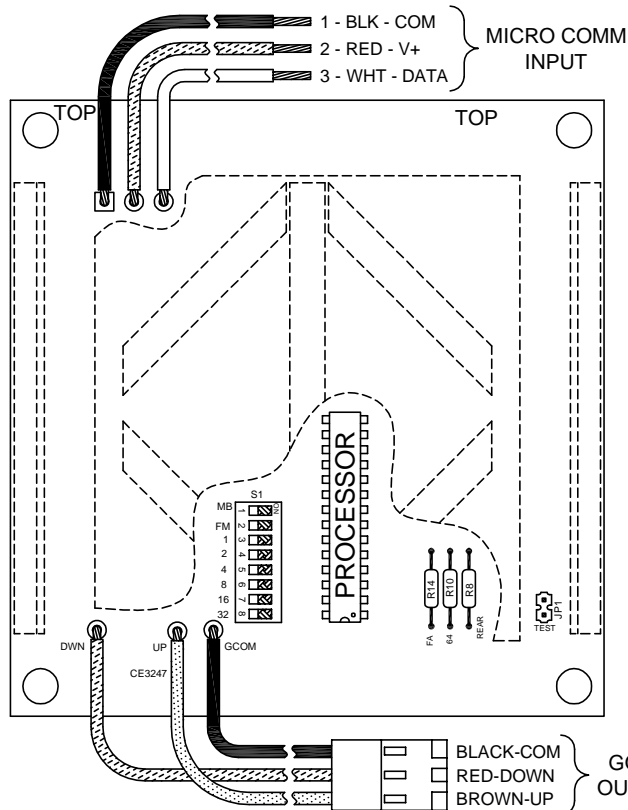"T" = TRAVEL
"X" = NO SELECTION

LENS:
"G" = GRAY
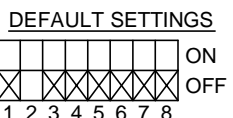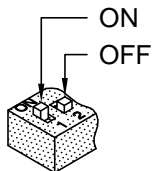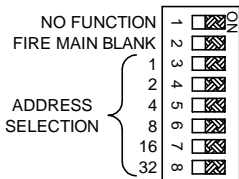"X" = NO SELECTION

ASB30-XMXX

JOB# _____

1 - BLK - COM
2 - RED - V+
3 - WHT - DATA

MICRO COMM INPUT

TOP   TOP

DIP SWITCH DETAIL

NO FUNCTION
FIRE MAIN BLANK

ADDRESS SELECTION

1
2
4
8
16
32

ON
OFF

PROCESSOR

S1
MB
FM
1
2
4
8
16
32

R14 R10 R8
FA   64   REAR

JP1
TEST

CE3247

DWN   UP   GCOM

BLACK-COM
RED-DOWN
BROWN-UP

GONG OUTPUT

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 blank the display during a fire alternate (level two) message, remove resistor R14 (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 R10 (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 R10 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 R10 (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 R10 (64) removed and DIP switches 3-8 turned on.

To operate the display as a rear lantern, remove resistor R8 (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.

To self-test this unit, short the two pins of JP2 and release. Short the two pins again to end self-test.

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	TRAVEL (#0)	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

CODE VERSION _____

BOARD VERSION CE3247 _____

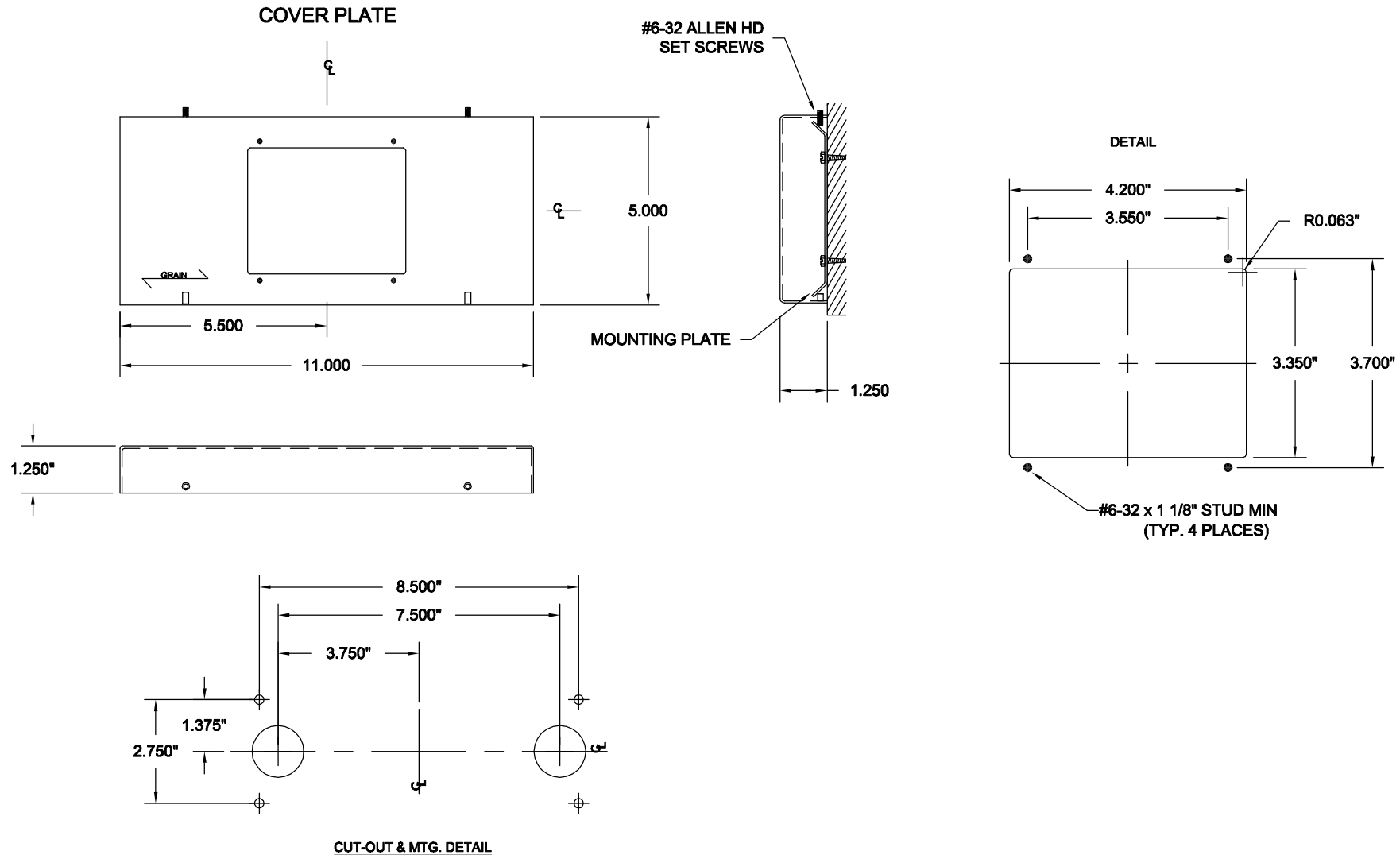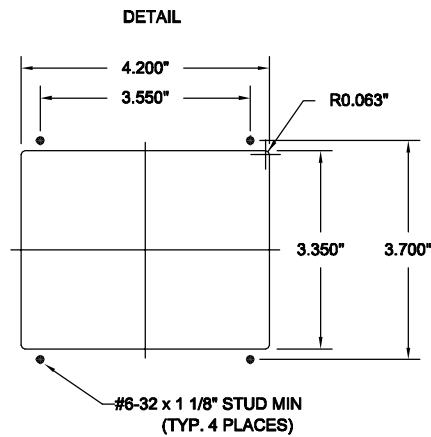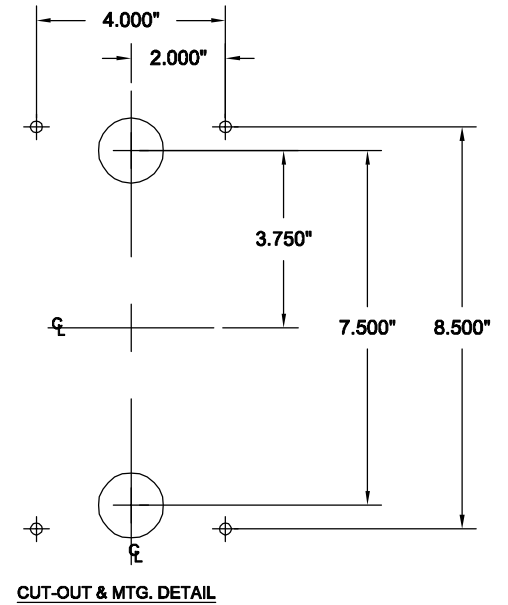NOTE: MUST BE USED WITH A CLASS 2 POWER SUPPLY.

C.E. Electronics, Inc.
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www.ceelectronics.com

70100016
Ver. 1 Rel. 06/06/02

METAL

SM SS4 COVER & BOX ASB30 HORZ

COVER PLATE

#6-32 ALLEN HD
SET SCREWS

DETAIL

GRAIN

5.000

4.200"

3.550"

R0.063"

5.500

MOUNTING PLATE

11.000

1.250

3.350" 3.700"

1.250"

#6-32 x 1 1/8" STUD MIN
(TYP. 4 PLACES)

8.500"

7.500"

3.750"

1.375"

2.750"

CUT-OUT & MTG. DETAIL

NOTES:

#4 STAINLESS STEEL, PAN TYPE COVER, 16 GAGE .060
HORIZONTAL GRAIN
BACK PLATE INCLUDED

70100017

Ver. 1 Rel. 06/06/02

METAL

SM SS4 COVER & BOX ASB30 VERT

COVER PLATE

5.000

11.000

5.500

GRAIN

1.250"

#6-32 ALLEN HD
SET SCREWS

MOUNTING PLATE

1.250

CUT-OUT & MTG. DETAIL

4.000"

2.000"

3.750"

7.500"

8.500"

DETAIL

4.200"

3.550"

R0.063"

3.350"

3.700"

#6-32 x 1 1/8" STUD MIN
(TYP. 4 PLACES)
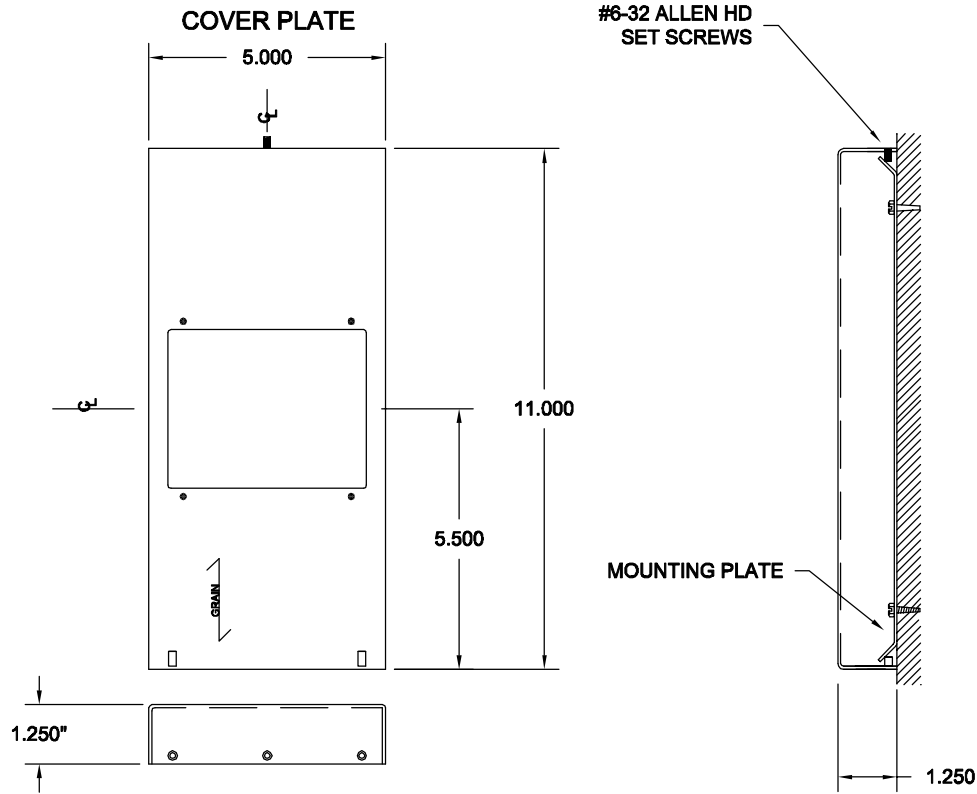
NOTES:

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