

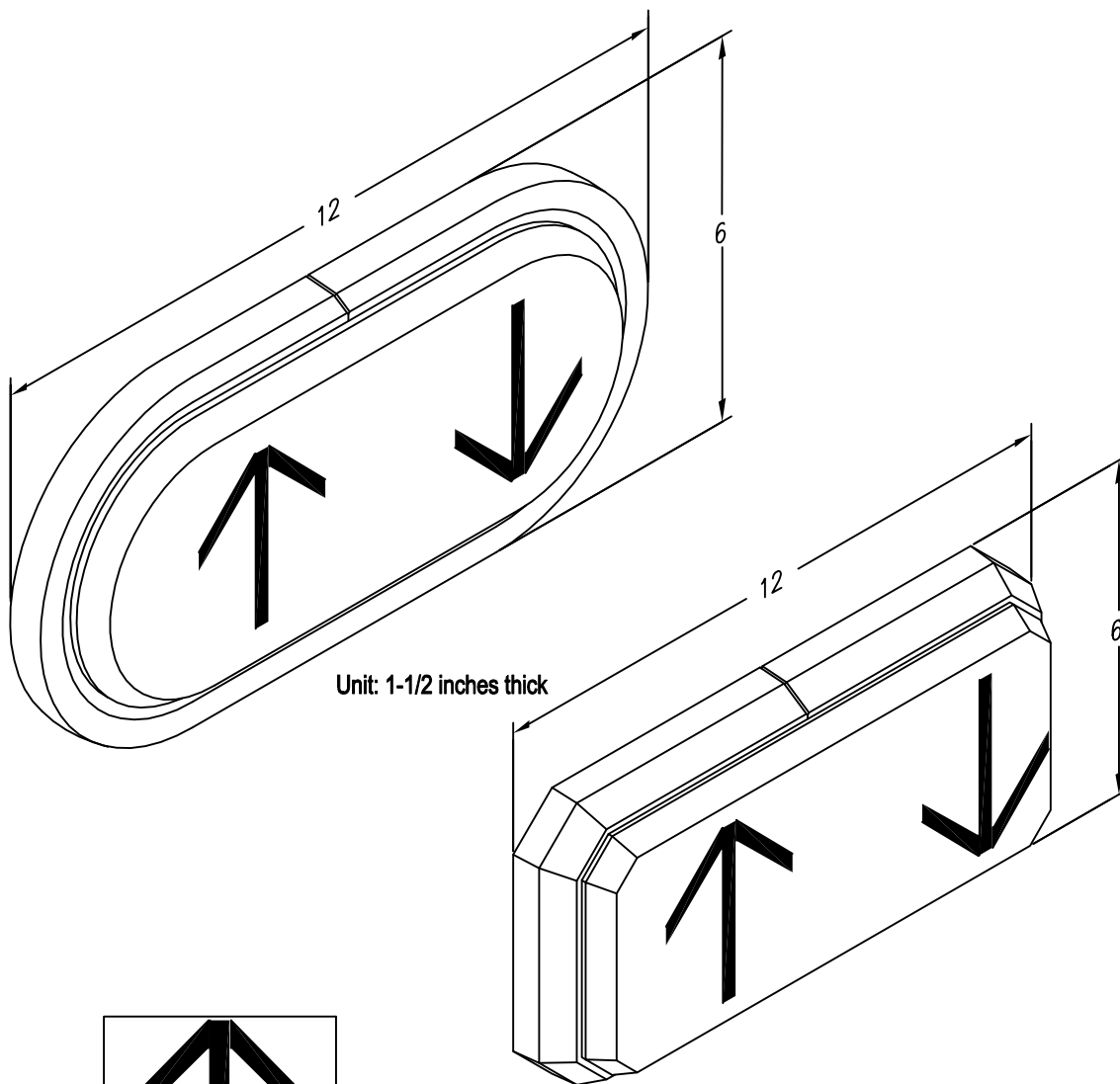


C.E. Electronics, Inc.
2107 Industrial Drive
Bryan, OH 43506
PH (419) 636-6705 FX (419) 636-2516
www.ccelectronics.com

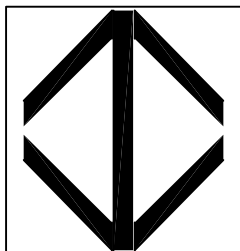
GTDH-MXXX

Ver. 7 Rel. 7/27/2015

CLASSIC
SERIES



Unit: 1-1/2 inches thick



3 INCH ARROW

Long life, solid state bi-color, white, green or blue arrow for lanterns, 100,000 hour rated life. Accepts existing signals over the C.E. serial MICRO COMM link. The bi-color arrows are green in the up direction and red in the down direction. The unit is also equipped with an arrival gong.

Typical Applications

- Hall and car lanterns

Features

- Bi-color red & green 3 inch arrow or solid blue or solid white or solid green 3 inch arrow
- 180° viewing angle lantern
- 1 year factory warranty
- Conforms to ADAAG 4.10.4
- Includes gong

TO ORDER - SPECIFY GTDV - M X X X

SIGNAL VOLTAGE:

"M" = MICRO COMM ONLY

GONG CHOICE:

"X" = NO CHOICE (DEFAULT)

METAL CHOICE:

"A" = STAINLESS STEEL SATIN OVAL

"B" = STAINLESS STEEL CHROME OVAL

"C" = STAINLESS STEEL SATIN RECTANGLE CHAMFERED

"D" = STAINLESS STEEL CHROME RECTANGLE CHAMFERED

"X" = NO METAL

* For additional finishes, contact factory

COLOR:

"B" = BLUE ARROW

"W" = WHITE ARROW

"G" = GREEN ARROW

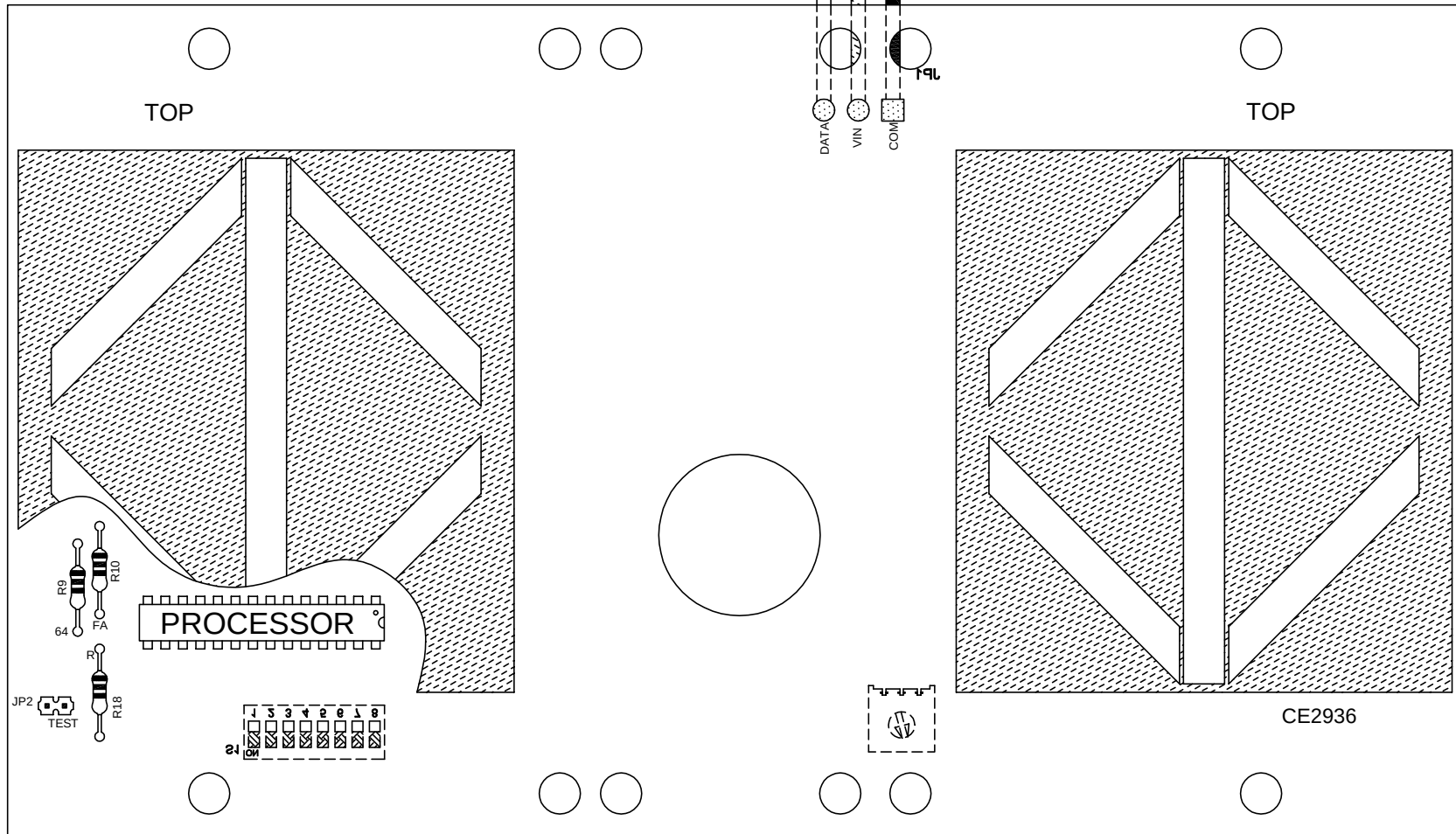
<BLANK> = BI-COLOR ARROW

GTDH-M

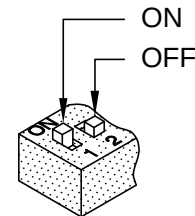
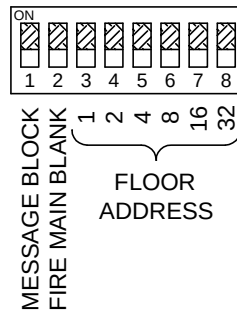
MICRO COMM
INPUT

BLACK - COM - 1
RED - V+ - 2
WHITE - DATA - 3

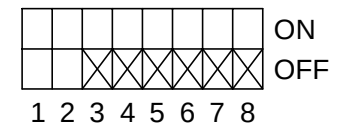
JOB# _____



NOTE: DIP switch and gong
volume control are located
on the back of the board.



DEFAULT SETTINGS



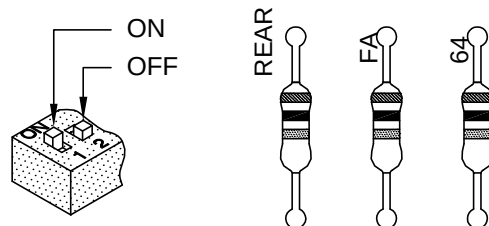
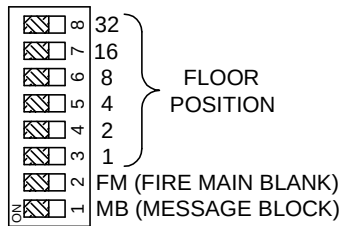
CODE VERSION _____

BOARD VERSION CE2936 _____

DATE DRAWN: 06/09/04	DRAWN BY: K.L.S.	REQUESTED BY: D.C.	 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
BOARD NUMBER: 2936	LAST DATE REVISED: 09/16/09	APPROVED BY:	
PRODUCT GTDH-M			
DWG. NO. GTDH-M-01			REV: C

REV:
C

AVAILABLE FUNCTIONS FOR MICRO COMM 2000 DISPLAYS



The Micro Comm driver must be programmed to send messages with the level required to activate the features listed below. Level 0 messages will always be displayed, regardless of DIP switch or resistor settings.

For message blocking, turn on DIP switch 1 (MB). Level 1 messages will not display.

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

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

To operate the display using travel signals, the **64** resistor must be installed and DIP switches 3-8 must be set to OFF.

To operate the display as a riding lantern using in-car arrival signals, remove the **64** resistor and set DIP switches 3-8 to ON.

Most Micro Comm 2000 displays can operate as hall (arrival) lanterns. Use the chart at right to set the DIP switches to the desired floor. For floors above floor 63, remove the **64** resistor from the board, subtract 64 from the desired floor number, and use the chart to set the DIP switches for the resulting floor number. For example, to set the display for floor 75, remove the **64** resistor and set the DIP switches for floor 11 ($75-64=11$). The Micro Comm driver must be configured to send arrival information.

To operate the display as a rear unit remove the **R** or **REAR** resistor 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.

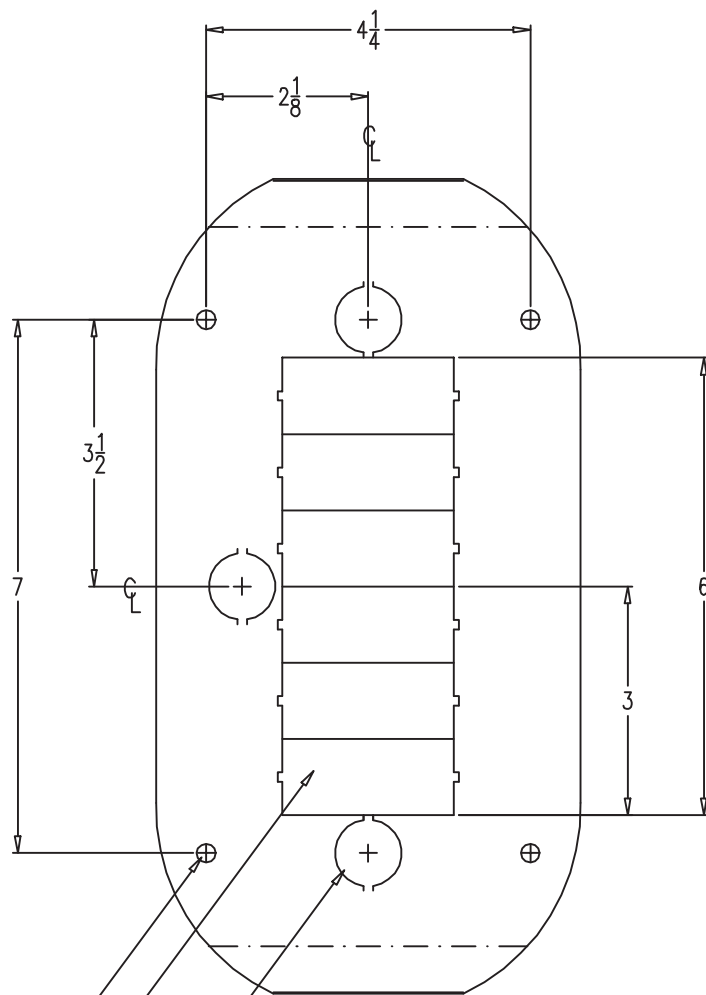
NOTE: MUST BE USED WITH A CLASS 2 POWER SUPPLY

DIP SWITCH SETTINGS FOR FLOOR POSITION

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

ALL MICRO COMM DISPLAYS HAVE A MAXIMUM POWER INPUT RATING OF +30VDC. USE OF THE POWER SUPPLIED BY THE MICRO COMM DRIVER OR INTERFACE IS HIGHLY RECOMMENDED.

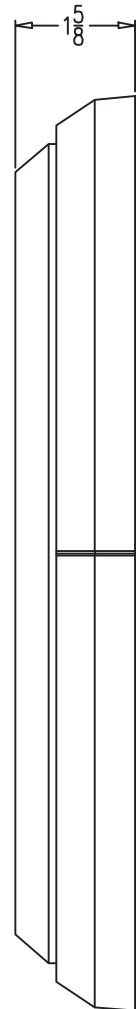
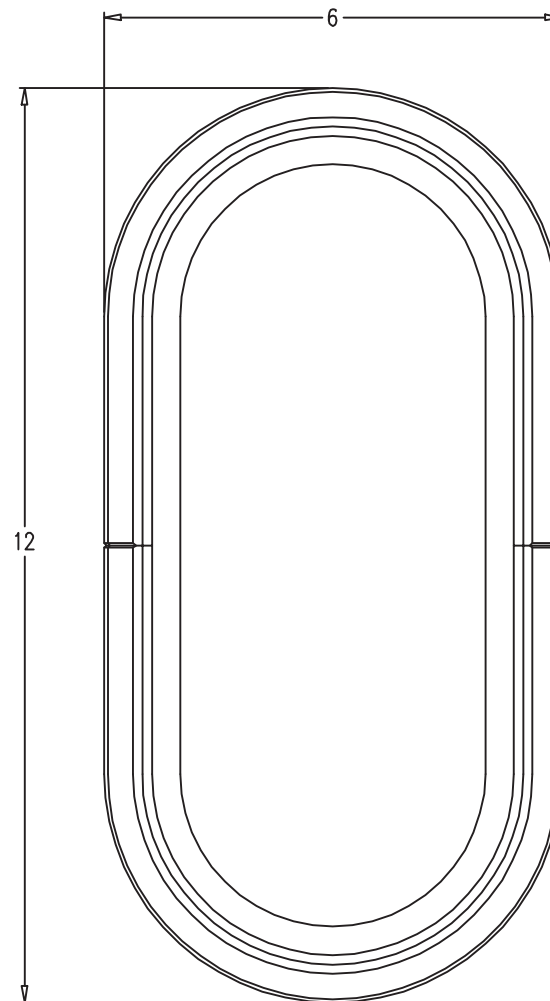
DATE DRAWN: 02/05/09	DRAWN BY: DAC	REQUESTED BY: JK	 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43306 (419) 636-6705
BOARD NUMBER: N/A	LAST DATE REVISED: 08/28/09	APPROVED BY:	
PRODUCT MICRO COMM 2000 DISPLAY DIP SWITCH FUNCTIONS			
DWG. NO. MC2K PI FUNCTIONS			REV: A



$\frac{1}{4}$ (.250) MOUNTING HOLES
4 PLACES

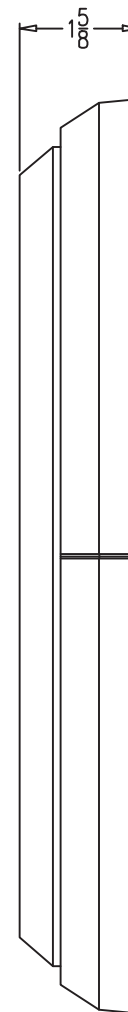
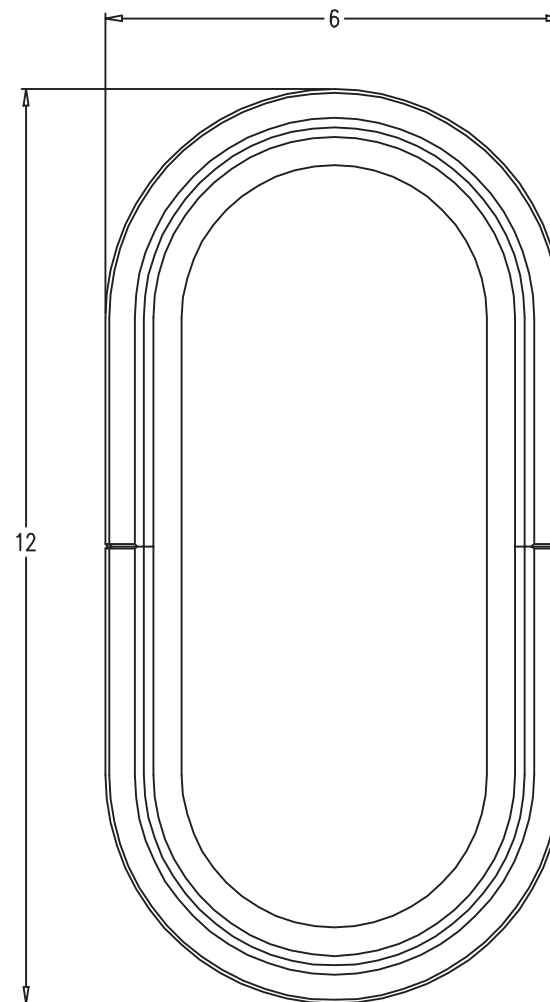
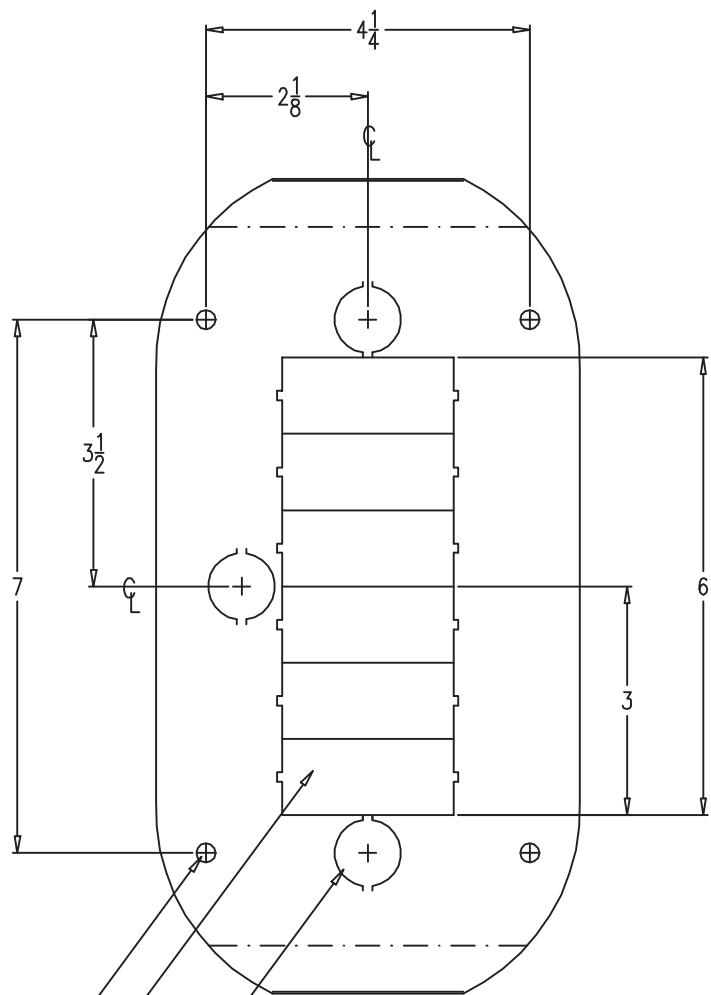
ACCESS PANEL
2- $\frac{1}{4}$ x 1 KNOCKOUT

$\frac{1}{2}$ CONDUIT KNOCKOUT
3 PLACES



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

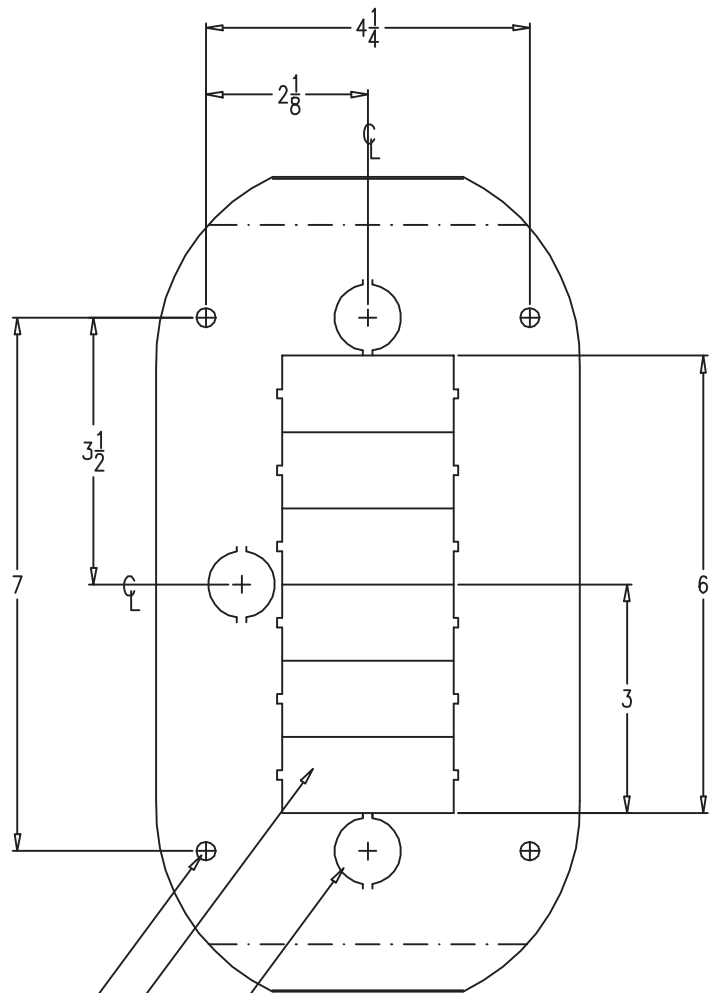
DATE DRAWN: 6/25/2015	LAST DATE REVISED	SCALE NTS	PART #
DRAWN BY: DWS	TOLERANCE UNLESS OTHERWISE SPECIFIED: $\pm .010$		 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
REQUESTED BY:	TOLERANCE FOR CUTOFF (WINDOW):		
TITLE: CE SATIN FINISH OVAL FIXTURE			DWG. NO. RK-000073 REV:



- Ø1/4 (.250) MOUNTING HOLES
4 PLACES
- ACCESS PANEL
2-1/4 x 1 KNOCKOUT
- 1/2 CONDUIT KNOCKOUT
3 PLACES

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

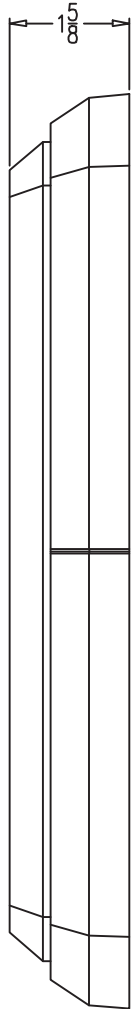
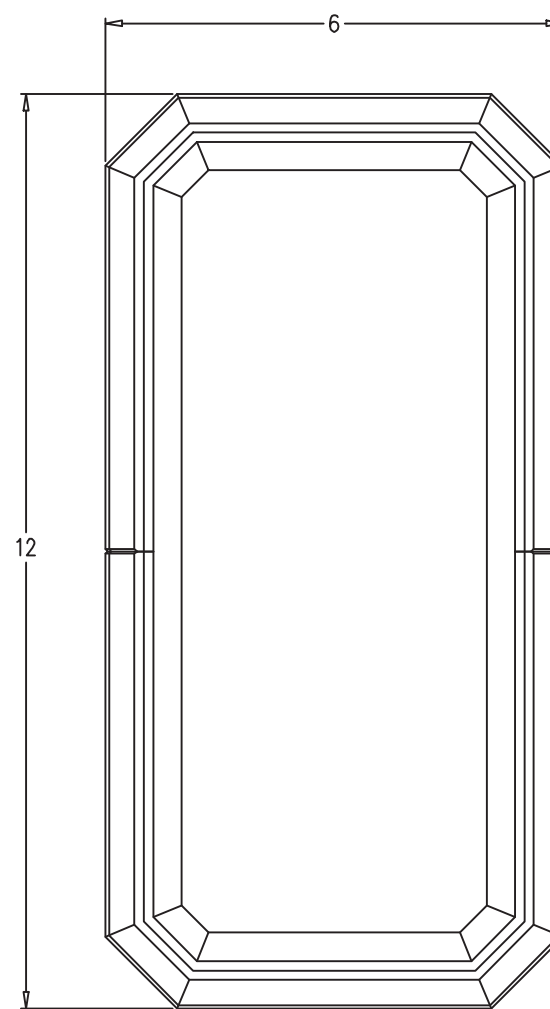
DATE DRAWN: 6/25/2015	LAST DATE REVISED	SCALE NTS	PART #
DRAWN BY: DWS	TOLERANCE UNLESS OTHERWISE SPECIFIED: ±.010		 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
REQUESTED BY:	TOLERANCE FOR CUTOUT (WINDOW):		
TITLE: CE CHROME FINISH OVAL FIXTURE			DWG. NO. RK-000074



Ø1/4 (.250) MOUNTING HOLES
4 PLACES

ACCESS PANEL
2-1/4 x 1 KNOCKOUT

1/2 CONDUIT KNOCKOUT
3 PLACES



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

DATE DRAWN: 6/25/2015	LAST DATE REVISED	SCALE NTS	PART #
DRAWN BY: DWS	TOLERANCE UNLESS OTHERWISE SPECIFIED: ±.010	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705	
REQUESTED BY:	TOLERANCE FOR CUTOFF (WINDOW):	DWG. NO. RK-000075	
TITLE: CE SATIN FINISH CHAMFERED FIXTURE			REV:

