

8

7

6

5

4

3

DWG NO. 840-03642-TAB

SH 1

REV J

1

27

ATTACH HOUSING COVER USING HARDWARE SUPPLIED WITH HOUSING PACKAGE. ALIGN ORIENTATION NOTCHES IN CORNER OF HOUSING AND COVER.

26

ATTACH MOUNTING FEET (ITEM 2) TO HOUSING (ITEM 1) WITH THE FOUR SCREWS SUPPLIED WITH THE KIT. (FEET ARE TO BE PARALLEL TO POWER SUPPLY BOARD LENGTH).

25

APPLY LABELS ITEMS 28, 30, 31,32, 33 AND 34 PER DRAWING.

24

CONNECT ANTENNA CABLE (ITEM 10, -001 ONLY) FRONT PANEL, TO CONNECTOR J1 ON CCA BOARD (AFTER INSTALLING CONNECTOR J1, TIGHTEN CONNECTOR MOUNTING SCREWS).

23

CONNECT RS-232 CABLE (ITEM 9) LEFT SIDE PANEL, TO CONNECTOR J5 ON CCA BOARD.

22

CONNECT SYNC-OUT CABLE (ITEM 5) FRONT PANEL, TO CONNECTOR J6 ON CCA BOARD.

21

CONNECT SYNC-IN CABLE (ITEM 4) FRONT PANEL, TO J9 CONNECTOR ON CCA BOARD.

20

CONNECT SENSOR 1 CABLE (ITEM 6) FRONT PANEL, TO CONNECTOR J2 ON CCA BOARD.

19

CONNECT LED CABLE (ITEM 11) TO J3 ON THE CCA BOARD.

18

NOT USED

17

NOT USED

16

CONNECT 24 VDC CABLE (P/O ITEM 3) CONNECTOR TO POWER SUPPLY BOARD CONNECTOR CN2.

15

CONNECT INPUT POWER CABLE (ITEM 7) CONNECTOR TO POWER SUPPLY BOARD CONNECTOR CN1.

14

INSTALL DUST COVER (ITEM 13) WITH SCREW (ITEM 19) INTO HOUSING (ITEM 1). (PLACE SMALL AMOUNT OF RTV (ITEM 15) ON SCREW THREADS PRIOR TO INSERTION). ORIENT THE LUG TO THE HORIZONTAL PLANE LEAD END TOWARDS THE POWER CONNECTOR, SEE DETAIL "A".

13

INSTALL POWER SUPPLY BOARD (ITEM 12) TO STANDOFFS (ITEM 26) ON CCA BOARD WITH 4 SCREWS (ITEM 16) AND 4 LOCK WASHERS (ITEM 20) AND 4 FLAT WASHERS (ITEM 21). (CN1 CONNECTOR OF POWER SUPPLY GOES NEAR POWER SUPPLY INPUT CABLE CONNECTOR.)

12

CONNECT POWER CABLE (ITEM 7) BLUE TO J8-2 CCA BOARD. (PART OF TWISTED PAIR, ROUTED BETWEEN POWER SUPPLY AND STANDOFFS).

11

CONNECT POWER CABLE (ITEM 7) BROWN WIRE TO J8-1, CCA BOARD. (PART OF TWISTED PAIR, ROUTED BETWEEN POWER SUPPLY AND STANDOFFS).

10

INSTALL INPUT POWER CABLE (ITEM 7) INTO HOUSING (ITEM 1).

9

INSTALL RS-232 CABLE (ITEM 9) INTO HOUSING (ITEM 1) WITH 2 SCREWS (ITEM 17) AND 2 LOCK WASHERS (ITEM 25) AND 2 FLAT WASHERS (ITEM 24).

8

INSTALL CCA BOARD (ITEM 3) INTO HOUSING (ITEM 1) WITH 8 SCREWS (ITEM 18) AND 8 WASHERS (ITEM 23).

7

INSTALL LED CABLE (ITEM 11) WITH RTV (ITEM 15) INTO HOUSING (ITEM 1). ADD A SMALL BEAD OF RTV (ITEM 15) INSIDE GROMMET GROOVE OF LED.

6

INSTALL ANTENNA CABLE (ITEM 10, -001 ONLY) INTO HOUSING (ITEM 1).

5

INSTALL SYNC IN CABLE (ITEM 4) WITH DUST COVER (ITEM 14) INTO HOUSING (ITEM 1).

4

INSTALL SYNC OUT CABLE (ITEM 5) WITH DUST COVER (ITEM 14) INTO HOUSING (ITEM 1).

3

INSTALL SENSOR CABLE (ITEM 6) WITH 2 DUST COVERS (ITEM 14) INTO HOUSING (ITEM 1). (CONNECTOR WITH BROWN WIRE IS SENSOR 1)

2

INSTALL 4 STANDOFFS (ITEM 26) INTO CCA BOARD (ITEM 3) WITH WASHERS (ITEM 21) AND 4 NUTS (ITEM 29). INSTALL EMI FILTER (PART OF ITEM 7) USING ITEMS 16, 21, AND 29 .

1

INSERT 8 GROMMETS (ITEM 27) INTO CCA BOARD (ITEM 3).

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36

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
A	EO#2445	- INITIAL RELEASE	08/30/01	S/E.S.
B	EO#2696	REVISED BOM	11/16/01	S/E.S.
C	EO#2701	RE--DRAWN W/CHANGE, ADDED --002	11/28/01	S/E.S.
D	EO#2709	ADDED ITEM 36	12/13/01	S/E.S.
E	EO#2731	ADDED --002 FOR ITEM 3	01/17/02	S/E.S.
F	EO#2736	REVISED ITEM 7	01/25/02	S/E.S.
G	EO#2811	REPOSITION ITEM 34	05/10/02	S/E.S.
H	EO#2839	ADD DETAIL A ; REVISE NOTE 14	06/27/02	S/E.S.
J	EO#2852	ADD --003 & --004		

1

1

1

1

735-03644-001

LABEL, ECHO POINT LOGO, SP

36

1

1

1

1

735-02880-001

LABEL, GROUND SYMBOL

35

1

-

-

-

735-03640-004

LABEL, FCC ID / ETL / CE, -111

-

1

-

-

735-03640-003

LABEL, FCC ID / ETL / CE, -211

-

-

1

-

735-03640-002

LABEL, FCC ID / ETL / CE, -101

-

-

-

1

735-03640-001

LABEL, FCC ID / ETL / CE, -201

1

-

-

-

735-03698-004

LABEL, MODEL / SERIAL NO / BARCODE -111

-

1

-

-

735-03698-003

LABEL, MODEL / SERIAL NO / BARCODE -211

-

-

1

-

735-03698-002

LABEL, MODEL / SERIAL NO / BARCODE -101

-

-

-

1

735-03688-001

LABEL, MODEL / SERIAL NO / BARCODE -201

1

1

1

1

735-03688-001

LABEL, STATUS

32

1

1

1

1

735-03687-001

LABEL, POWER

31

1

1

1

1

735-03686-001

LABEL, RS-232

30

8

8

8

8

722-20632-201

NUT, SS, NYLON INSERT, 6/32

29

1

1

1

1

735-03685-001

LABEL, SYNC/SENSOR/ANT

28

8

8

8

8

718-02734-004

GROMMET

27

4

4

4

4

718-80632-016

STANDOFF, 6-32 X 1.0

26

2

2

2

2

721-20004-101

WASHER, SS, SPLIT LOCK, #4

25

2

2

2

2

721-22112-000

WASHER, SS, FLAT, SMALL PATTERN, #4

24

8

8

8

8

721-20008-001

WASHER, SS, FLAT, #8

23

NOT USED

22

12

12

12

12

721-22714-001

WASHER, #8, FLAT, SMALL PATTERN

21

4

4

4

4

721-20006-200

WASHER, SS, #8, INTERNAL STAR

20

1

1

1

1

713-00771-001

SCREW, FT, ZP, 3mm x 1.34mmP x 8mm

19

8

8

8

8

720-30008-908

SCREW, SELF-TAPPING, PH, #8 X 1/2

18

2

2

2

2

720-20440-005

SCREW, SS, PH, PHL, 4-40 X 5/16

17

8

8

8

8

720-20632-005

SCREW, SS, PH, PHL, 6-32 X 5/16

16

AR

AR

AR

AR

733-08708-001

RTV, GE 8708

15

4

4

4

4

718-00820-001

CONNECTOR CAP, PANEL MOUNT

14

1

1

1

1

840-00422-001

DUST COVER ASSEMBLY, DB-9

13

1

1

1

1

862-03648-001

POWER SUPPLY, 24VDC

12

1

1

1

1

830-03672-001

CABLE ASSEMBLY, LED (GREEN)

11

-

1

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-

830-03655-001

CABLE ASSEMBLY, ANTENNA

10

1

1

1

1

830-03649-001

CABLE ASSEMBLY, RS-232

9

NOT USED

8

1

1

1

1

830-03647-001

CABLE ASSEMBLY, POWER INPUT

7

1

1

1

1

830-03646-001

CABLE ASSEMBLY, SENSOR INPUT

6

1

1

1

1

830-03645-002

CABLE ASSEMBLY, SYNC OUT

5

1

1

1

1

830-03645-001

CABLE ASSEMBLY, SYNC IN

4

1

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810-03643-004

CCA, SPT/CNTRLR, MR

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1

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-

810-03643-003

CCA, SPT/CNTRLR, LR

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1

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810-03643-002

CCA, SPT/CNTRLR, MR

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-

-

1

810-03643-001

CCA, SPT/CNTRLR, LR

1

1

1

1

711-03689-001

MOUNTING FOOT KIT

2

1

1

1

1

712-03642-001

AID, CASE, FIXED SIGNPOST

1

-004

-003

-002

-001

SAVI PN

DESCRIPTION

ITEM

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND ARE IN ACCORDANCE WITH ANSI Y14.5M

TOLERANCES:
DEC .X ±
DEC .XX ±.015
DEC .XXX ±.005
FRACTIONS ±1/32"
ANGLES ±1°

DRAWN: K. EDWARDS

CHECKED: S/R ORTON

ENGINEER: S/F HEIGH

PRODUCTION: S/B MATTOON

MATERIAL: S/S DeMEDEIROS

SUSTAINING: S/S CHANDRA

PROJECT LEADER: S/R ORTON

DATA CONTROL: S/E SAMPLEY

DATE: 8/08/01

DATE: 8/29/01

DATE: 8/29/01

DATE: 8/30/01

DATE: 8/30/01

DATE: 8/30/01

DATE: 8/30/01

DATE: 8/30/01

SUNNYVALE, CALIFORNIA 94089

TITLE ASSEMBLY, SPT/CNTRLR

SIZE D

CODE EPSP

DRAWING NO. 840-03642-TAB

REV J

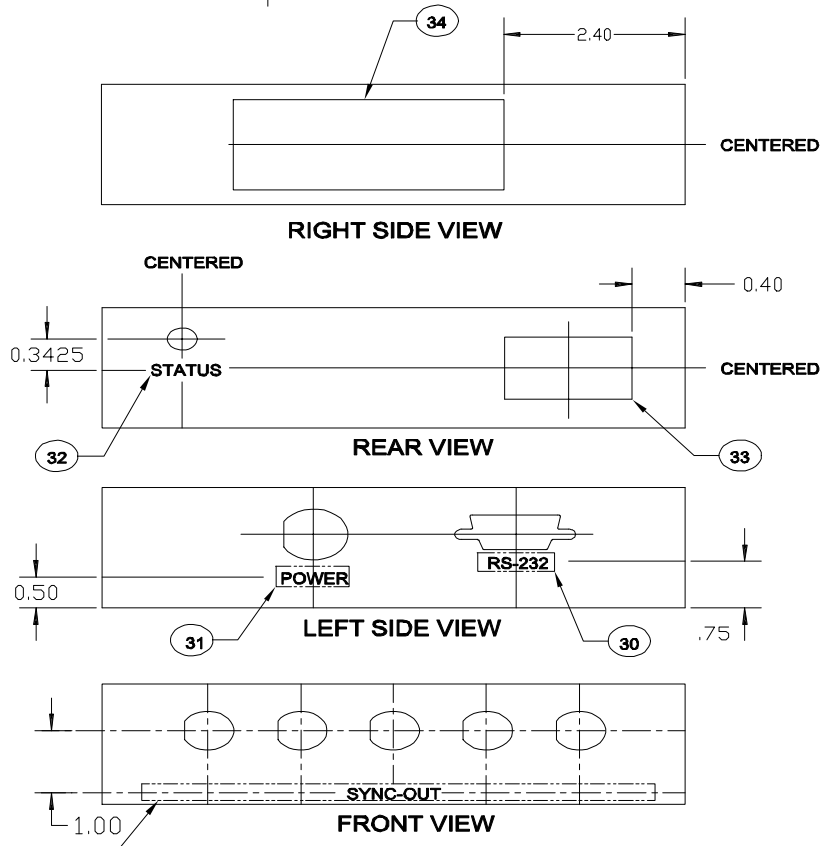
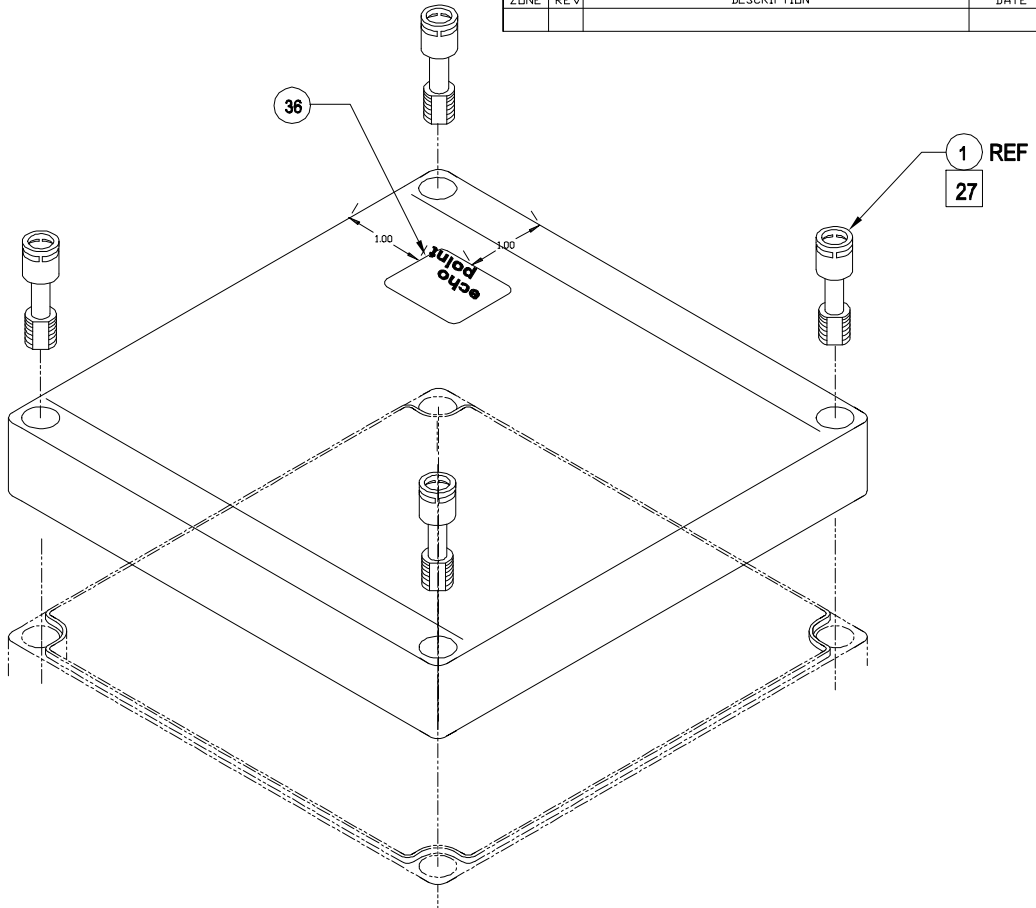
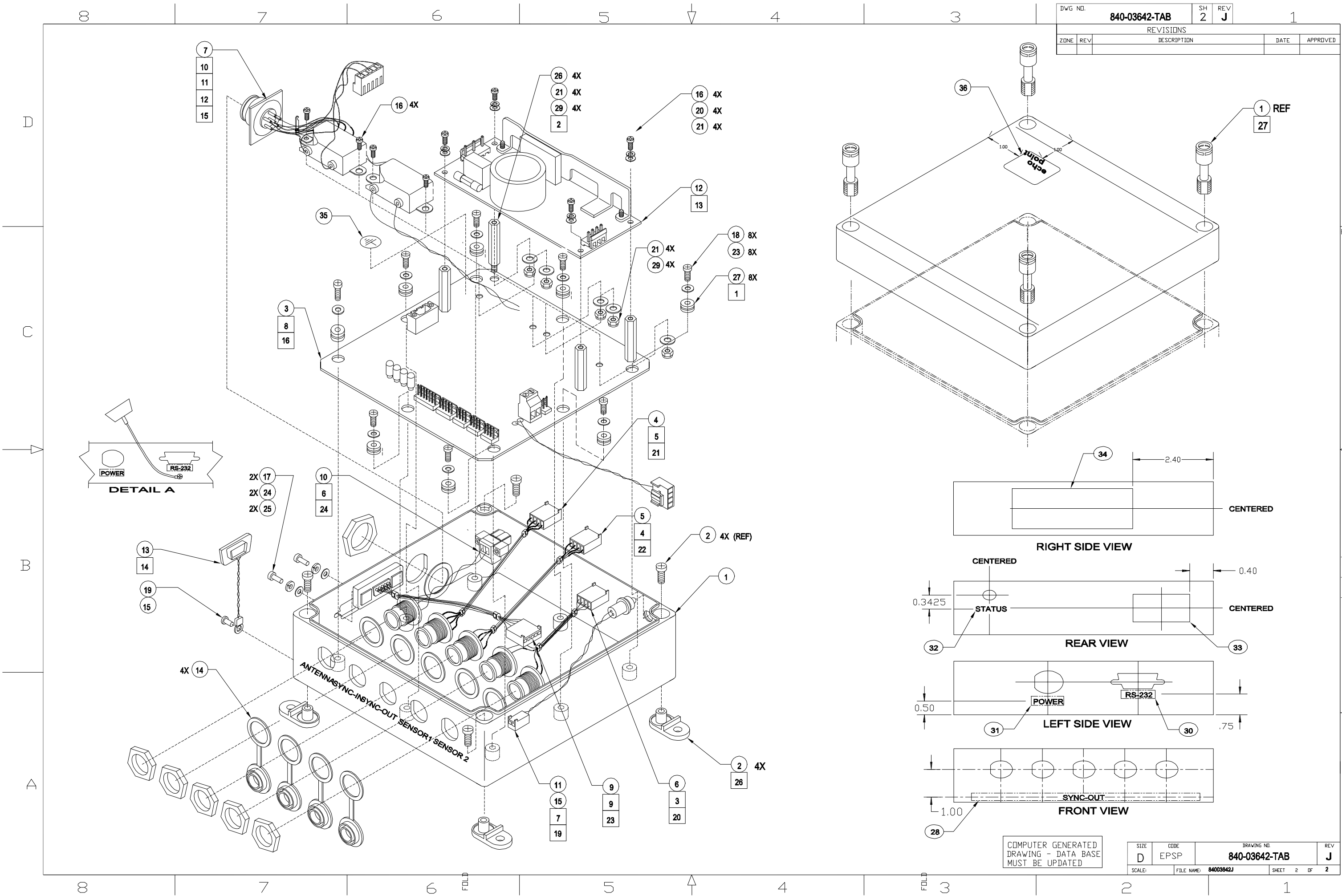
SCALE:

FILE NAME: 84003642J_sh1.TCW

SHEET 1 OF 2

UP-DATE: 080902

COMPUTER GENERATED
DRAWING - DATA BASE
MUST BE UPDATED



COMPUTER GENERATED DRAWING - DATA BASE MUST BE UPDATED		SIZE D	CODE EPSP	DRAWING NO. 840-03642-TAB	REV J
SCALE:	FILE NAME: 84003642J	SHEET 2	OF 2		