

1

2

3

4

NOTES: UNLESS OTHERWISE SPECIFIED

RoHS COMPLIANCE:

THIS PRODUCT MUST MEET THE REQUIREMENTS OF DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF JANUARY 27, 2003 ON THE RESTRICTION OF THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT AND ITS AMENDMENTS (RoHS). USE OF MERCURY, CADMIUM, LEAD, CHROMIUM VI, PBB AND PBDE IN ANY MATERIALS USED TO CONSTRUCT THIS COMPONENT OR ASSEMBLY SHALL NOT EXCEED THE MAXIMUM CONCENTRATION VALUES SPECIFIED EXCEPT IN EXEMPTED APPLICATIONS.

1.

ALL DIMENSIONS IN INCHES AND DIMENSIONS IN [] ARE IN MILLIMETERS.

2.

TORQUE SCREWS AS DEFINED IN THE TORQUE TABLE. THE TORQUE VALUES APPLY TO CLEAN AND DRY PARTS.

3

PLACE EXTRA 91-0512 FROM SAA5968-01 HERE.

4.

SEE AB15968-24 FOR PLACEMENT OF ITEM 39

5

MARK LABEL WITH: CONTAINS FCC ID: CWU-SAA596807
CONTAINS IC: 5078B-SAA596807

TORQUE TABLE

ITEM NO	TORQUE (IN-LBS)
27	2 ± .2
28	4 ± .5
29	.8 ± .2
30	8 ± .5
31	8 ± .5
32	8 ± .5
33	4 ± .5

3

UNLESS OTHERWISE STATED, THE ARTICLE SPECIFIED SHALL BE RoHS COMPLIANT PER EU DIRECTIVE 2002/95/EC

REF. PRO/E ASSEM FILE = MA5968-87

REF. PRO/E ASSEM REV. = A

2

3

4

25

2

EA

ECA5968-04

ENGINEERING CABLE ASSEMBLY, STRAP, GROUND, W/TERMINAL RING

24

1

EA

ECA-5968-03

ENGINEERING CABLE ASSEMBLY, USB, CAMERA

23

1

EA

64-0704-SA

CABLE, SENSOR BOARD, 19.4"/20.3" TABLE, MODERO X SERIES

22

1

EA

ECA-5968-01

ENGINEERING CABLE ASSEMBLY, 30 PIN LVDS, 7.9" LONG

21

1

EA

64-0716-SA

CABLE, 10 PIN SHIELDED FFC, IMM PITCH, 368MM LENGTH, TOUCH

20

1

EA

64-0700-SA

CABLE, DISPLAY LED, 19.4"/20.3" TABLE, MODERO X SERIES

19

1

EA

62-5968-13

COVER, ELECTRONICS, 20.3" TABLE, MODERO X SERIES

18

1

EA

60-5968-11

COVER, BASE, 20.3", MODERO X SERIES

17

1

EA

SAA5968-11

SUB-ASSY, MXT-PAN SOM W/1GB MEMORY

16

1

EA

SAA5968-02

PCB ASSEMBLY, INTERFACE BOARD

15

1

EA

60-5968-10

PLATE, BASE, 20.3", MODERO X SERIES

14

4

EA

45-0028

FOOT, RUBBER, BLACK, 8MM DIA X 2.8MM TALL

13

1

EA

EMA5968-02

ENGINEERING MECHANICAL ASSEMBLY, DISPLAY COVER W/BUTTON, 20.3" TABLE

12

1

EA

23-0700-SA

SPEAKER, W/CABLE, HIBOX P063Z-1G

11

2

EA

60-5968-19

WASHER, SPEAKER, 19.4"/20.3" TABLE, MODERO X SERIES

10

1

EA

23-0701-SA

MICROPHONE W/CABLE

9

1

EA

60-5968-25

BOOT, MICROPHONE 20.3"/19.4" TABLE MODERO X SERIES

8

1

EA

25-0700-SA

PCB ASSEMBLY, CAMERA MODULE

7

1

EA

66-5968-10

SHIELD, LIGHT, PROXIMITY SENSOR

6

1

EA

SAA5968-03

PCB ASSEMBLY, SENSOR BOARD

5

1

EA

62-5968-14

BRACKET, RIGHT, DISPLAY, 20.3" TABLE, MODERO X SERIES

4

1

EA

62-5968-15

BRACKET, LEFT, DISPLAY, 20.3" TABLE, MODERO X SERIES

3

1

EA

66-5968-11

GASKET, DISPLAY, 20.3" TABLE, MODERO X SERIES

2

1

EA

69-5968-24B

DISPLAY, OVERLAY BONDING, 20.3"

1

1

EA

EMA5968-01

ENGINEERING MECHANICAL ASSEMBLY, FRAME W/LEGS, 20.3" TABLE

ITEM NO

QTY

UOM

PART NUMBER

DESCRIPTION

NOTES

MECHANICAL COMPONENTS (FOR DESIGN REFERENCE ONLY)

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UNLESS OTHERWISE SPECIFIED

TOLERANCE ON DECIMAL DIMENSIONS: .X = ±0.1
.XX = ±0.02
.XXX = ±0.010
ANGLES: ±1.0

SURFACE FLATNESS .003 TIR PER LINEAR INCH
ALL DIMENSIONS IN INCHES.
DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION

AMX

AMX LLC
3000 RESEARCH DRIVE
RICHARDSON, TX 75082

MECHANICAL ASSEMBLY,
20.3" MODERO X TABLE TOP
PANEL, NEW DISPLAY

SIZE D

DRAWING NUMBER MD5968-87

SCALE 1:2

REV A

REV B-R1

SHEET 1 OF 5

1

2

3

4

REV A

REV B-R1

SHEET 1 OF 5

MD5968-87

I

REV A

REV B-R1

REV A

REV B-R1

SHEET 1 OF 5

1

2

3

4

A

B

C

D

E

F

MD5968-87

2

H

49	1	EA	91-0509	LABEL, MATTE WH. PERM. POLY, 1.0 X .187	
48	6	EA	66-5968-57	FORMEX WASHER, BRACKET WASHER FOR 19"/20" TABLE UNIT	
47	2	EA	66-5968-43	PLASTIC SHIM,W/ 3M 468MP ADHESIVE 0.060 THICK X 0.40 DIA	
46	14	IN	66-2265-26	TAPE, 3M 4914 VHB, .140" WIDTH X .010" THICK X 36YD	
45	2	EA	80-0281	SCREW 6-32 X 3/8" LONG, SILVER	
44	1	EA	60-5968-02	FOAM O-RING WITH ADHESIVE FOR CAMERA BOARD 25-0700-SA	
43	1	EA	66-5968-20	FOAM, .188 WIDE X .25 LG X .25 HEIGHT	
42	6	EA	80-0309	WASHER, #4, FLAT	
41	1	EA	91-0750	LABEL, CLASS B, FCC/CE	
40	1	EA	91-5968-88	LABEL, MODERO X, CCC, INPUT: 13.5VDC, 4.5A, 1.75 X 1.40	
39	BLK	INCH	66-0025	TAPE, KAPTON, 1/2" WIDE POLYIMIDE FILM	
38	17	INCH	66-0011	TAPE, KAPTON, 1/4" WIDE POLYIMIDE FILM	
37	1	EA	66-5968-07	DIFFUSER, LED	
36	1	EA	66-5968-04	ABSORBER, EMI, 3M AB5100, 1.5" X 3"	
35	6	INCH	66-5968-01	TAPE, COPPER, 1" WIDE	
34	1	EA	91-5976-33	LABEL, AMX LOGO, .283" ELECTROFORM, STICK-ON, MODERO X	
33	7	EA	80-0111-02	SCREW, #4-40 X .250, PFH, 82DG, BLACK ZINC	
32	7	EA	80-0137-03	SCREW, #6-32 X .375 PFH, UNDERCUT 82, BLK	
31	5	EA	80-0114-08	SCREW, #4-20 X .250LG, PPH, PLASTITE-BLK ZINC	
30	2	EA	80-0114-09	SCREW, #4-20 X .625 LG, PLASTITE, PPH, BLK	
29	2	EA	80-0283-01	SCREW, M2-0.4 X 3MM PHILLIPS PAN HEAD MACHINE STAINLESS	
28	11	EA	80-0109-01	SCREW, #4-40 X .187, PPH, BLACK	
27	4	EA	80-0282-01	SCREW, MACHINE, FLAT HEAD, M2.6 X 5MM LONG, ZN	
26	BLK	INCH	66-5968-03	TAPE, 3M468MP, .75" WIDE X 15.75" LONG, 5 MIL THICK	
ITEM NO	QTY	UOM	PART NUMBER	DESCRIPTION	NOTES
MECHANICAL COMPONENTS (FOR DESIGN REFERENCE ONLY)					

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AMX

AMX LLC
3000 RESEARCH DRIVE
RICHARDSON, TX 75082

MECHANICAL ASSEMBLY,
20.3" MODERO X TABLE TOP
PANEL, NEW DISPLAY

SIZE
D

DRAWING
NUMBER

MD5968-87

REV
A

C-R1
B-R1

SCALE
1:2

SHEET
2 OF 5

A

B

C

D

E

F

MD5968-87

3

H

1

2

3

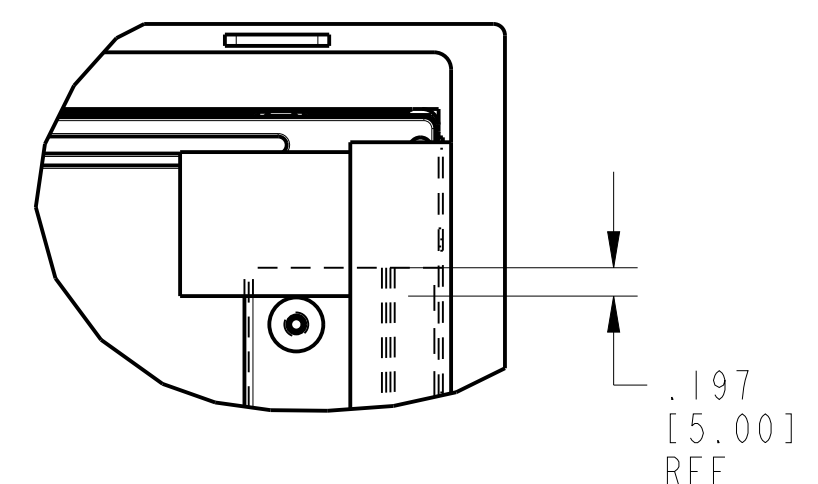
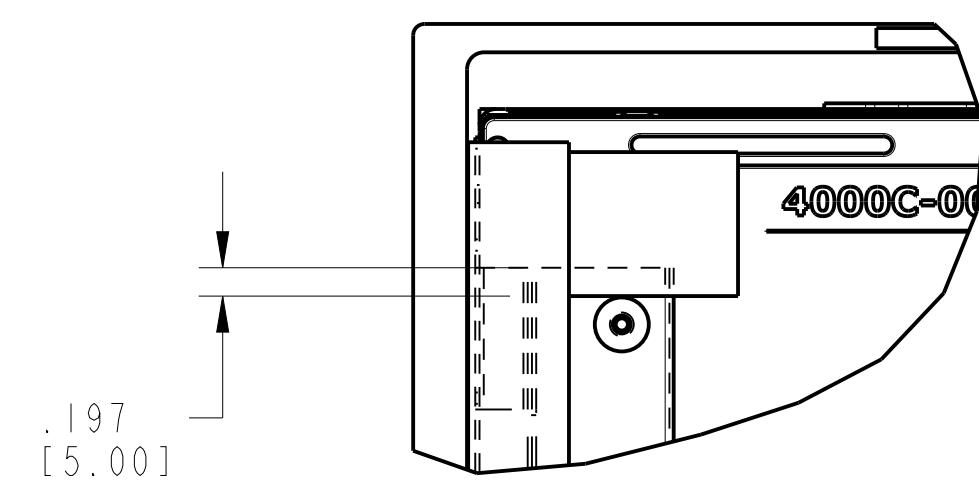
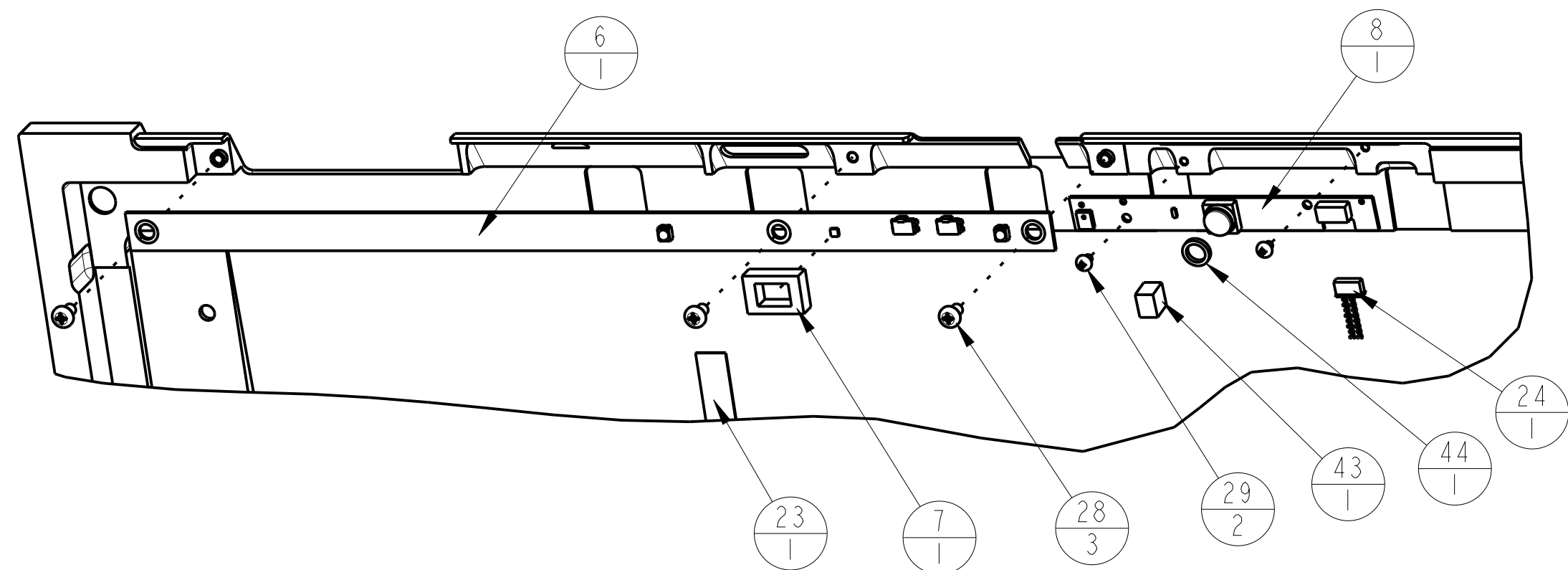
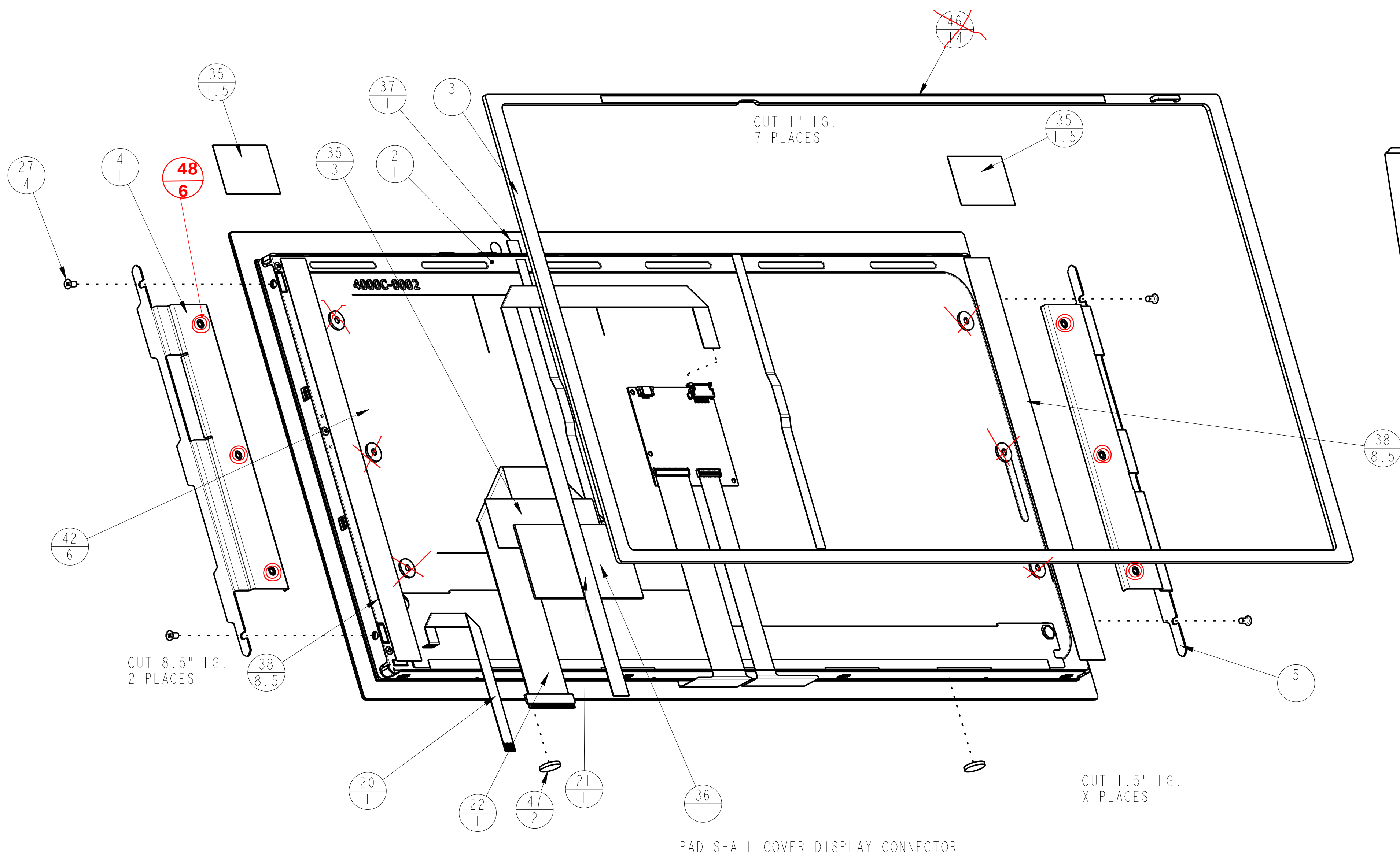
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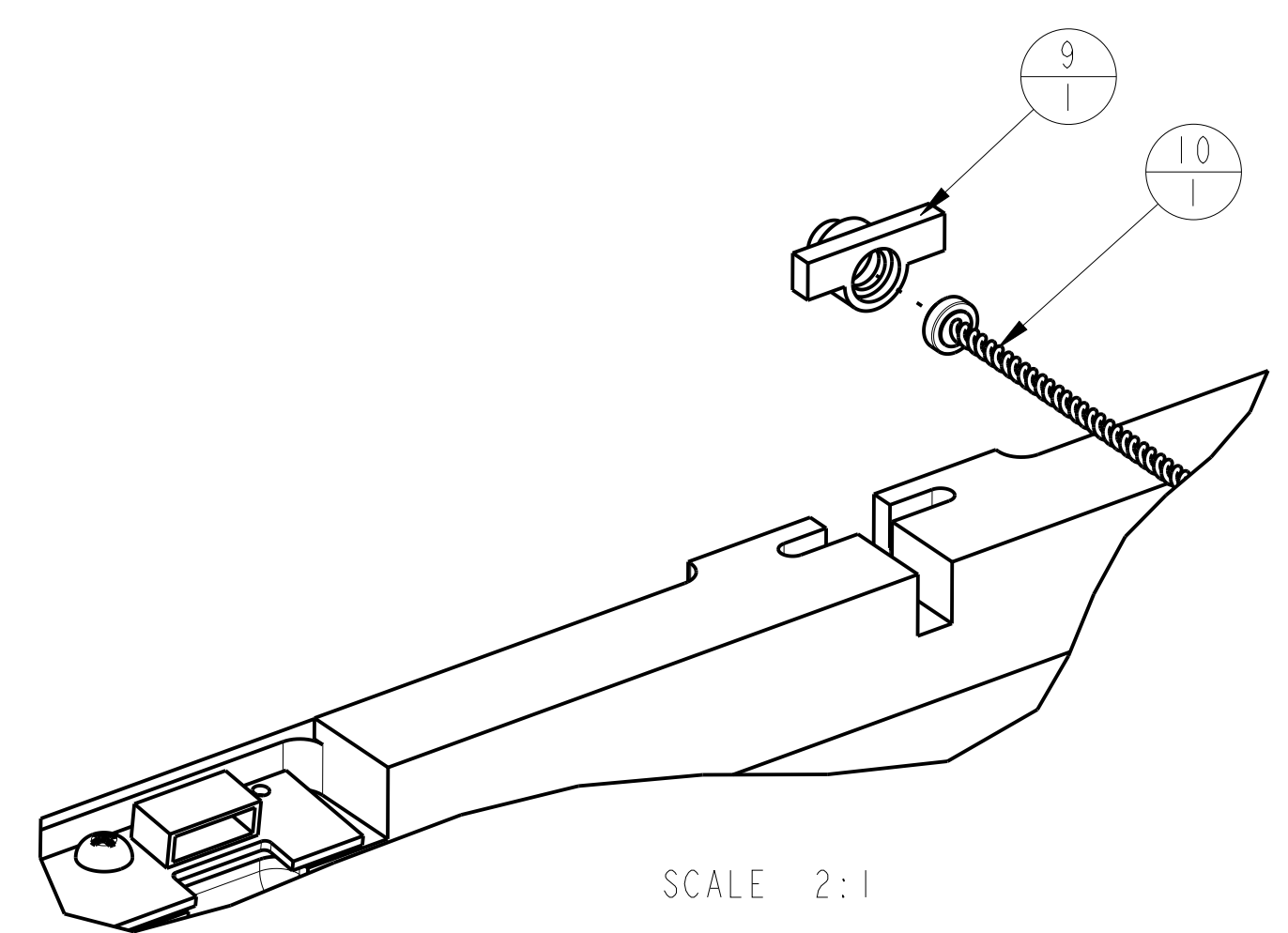
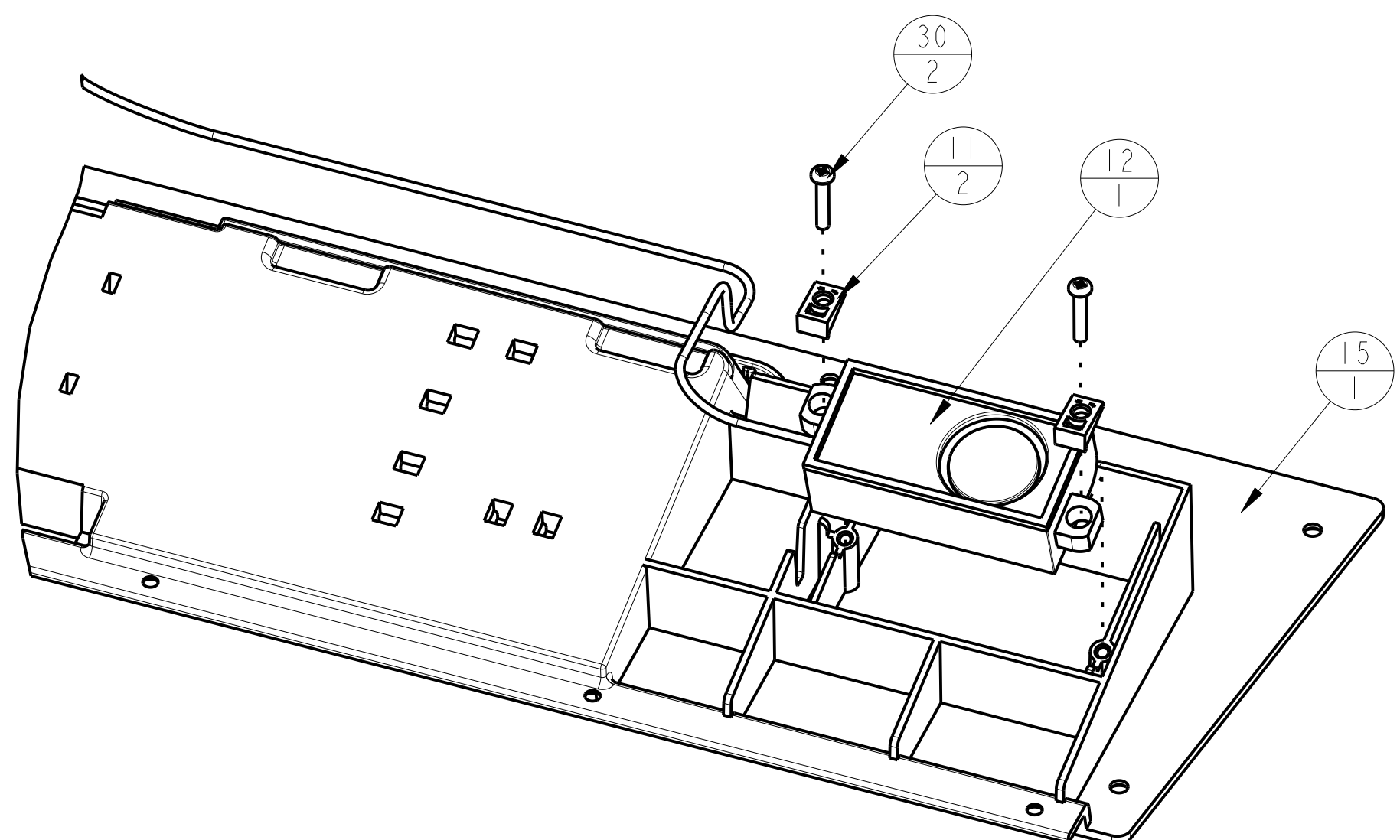
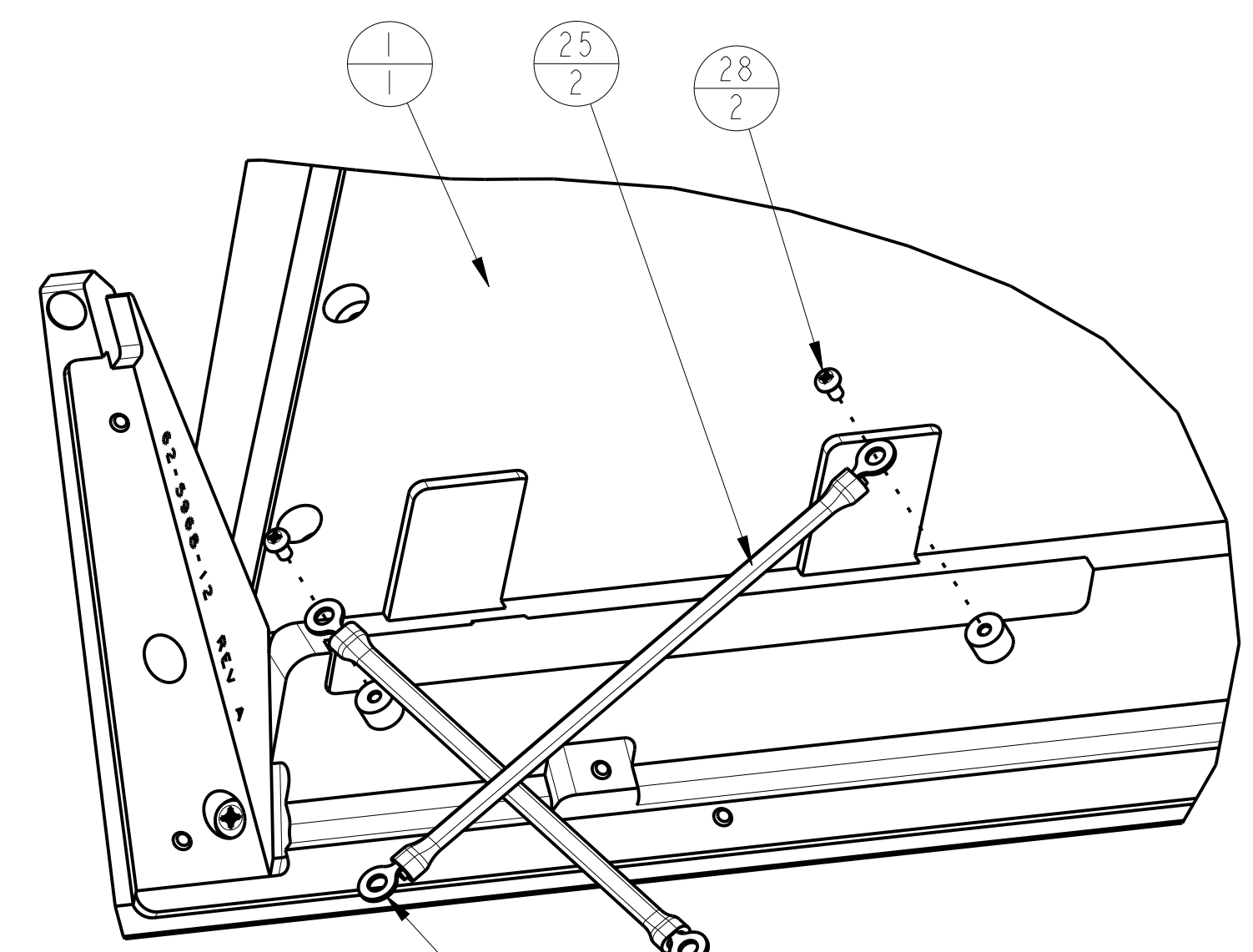
2

3

4



PLACEMENT OF ITEM 35



CONNECT TO GROUNDING PAD
"A" ON ITEM 16

CONNECT TO GROUNDING PAD
"B" ON ITEM 16

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AMX

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3000 RESEARCH DRIVE
RICHARDSON, TX 75082

MECHANICAL ASSEMBLY,
20.3" MODERO X TABLE TOP
PANEL, NEW DISPLAY

SIZE D	DRAWING NUMBER	MD5968-87	REV C-R1
SCALE 3:4	SHEET 3 OF 5		B-R1

A

B

C

D

E

F

MD5968-87

4

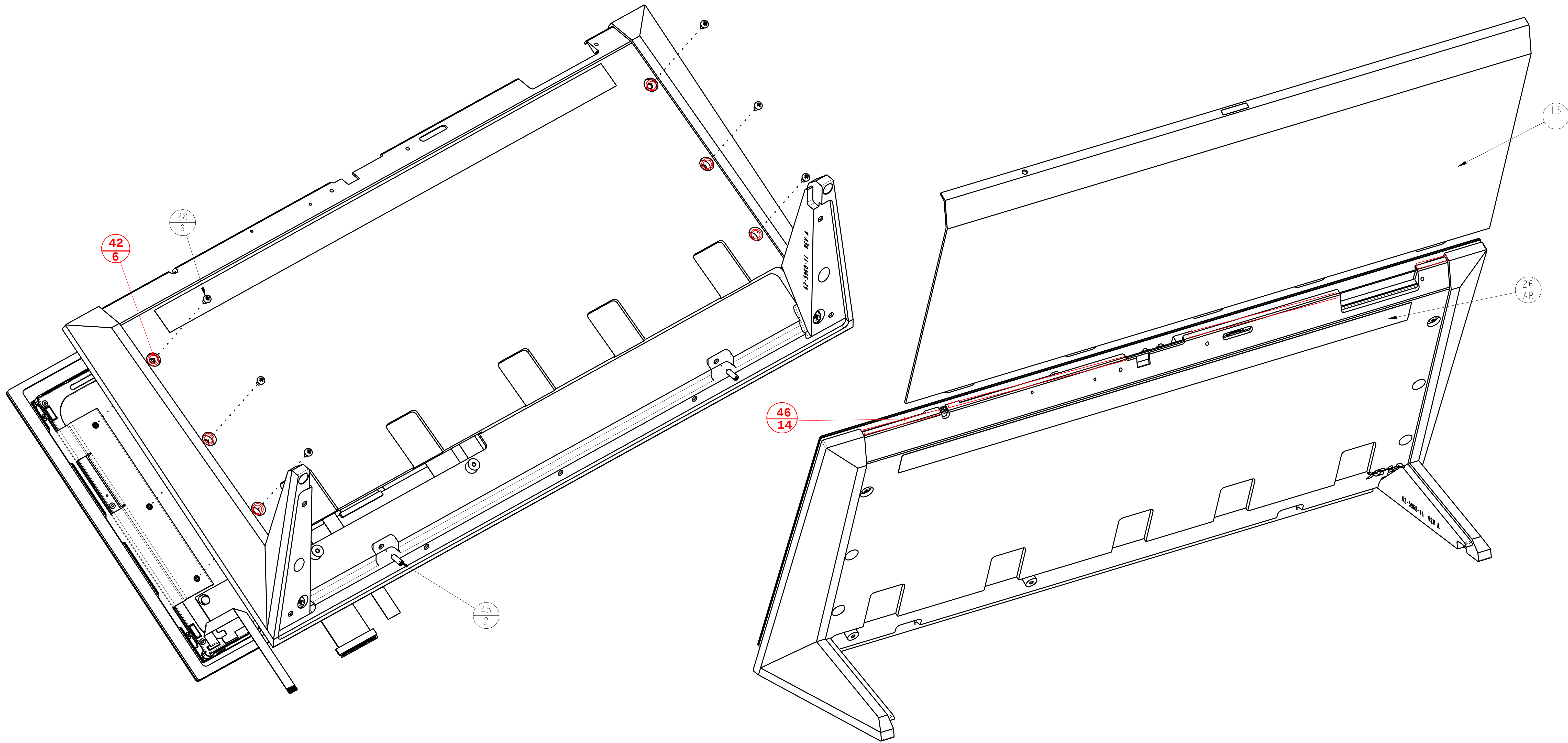
H

1

2

3

4

 $.12 \pm .23$
[3.0 ± 6.0] $.75$
[19.1]
REF $1.16 \pm .00$
[29.5 ± 0.1] 15.75
[400.0]
REF

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AMXAMX LLC
3000 RESEARCH DRIVE
RICHARDSON, TX 75082MECHANICAL ASSEMBLY,
20.3" MODERO X TABLE TOP
PANEL, NEW DISPLAYSIZE
DDRAWING
NUMBER

MD5968-87

C-R1
REV
A-B-R1

SCALE 3:4

SHEET 4 OF 5

A

B

C

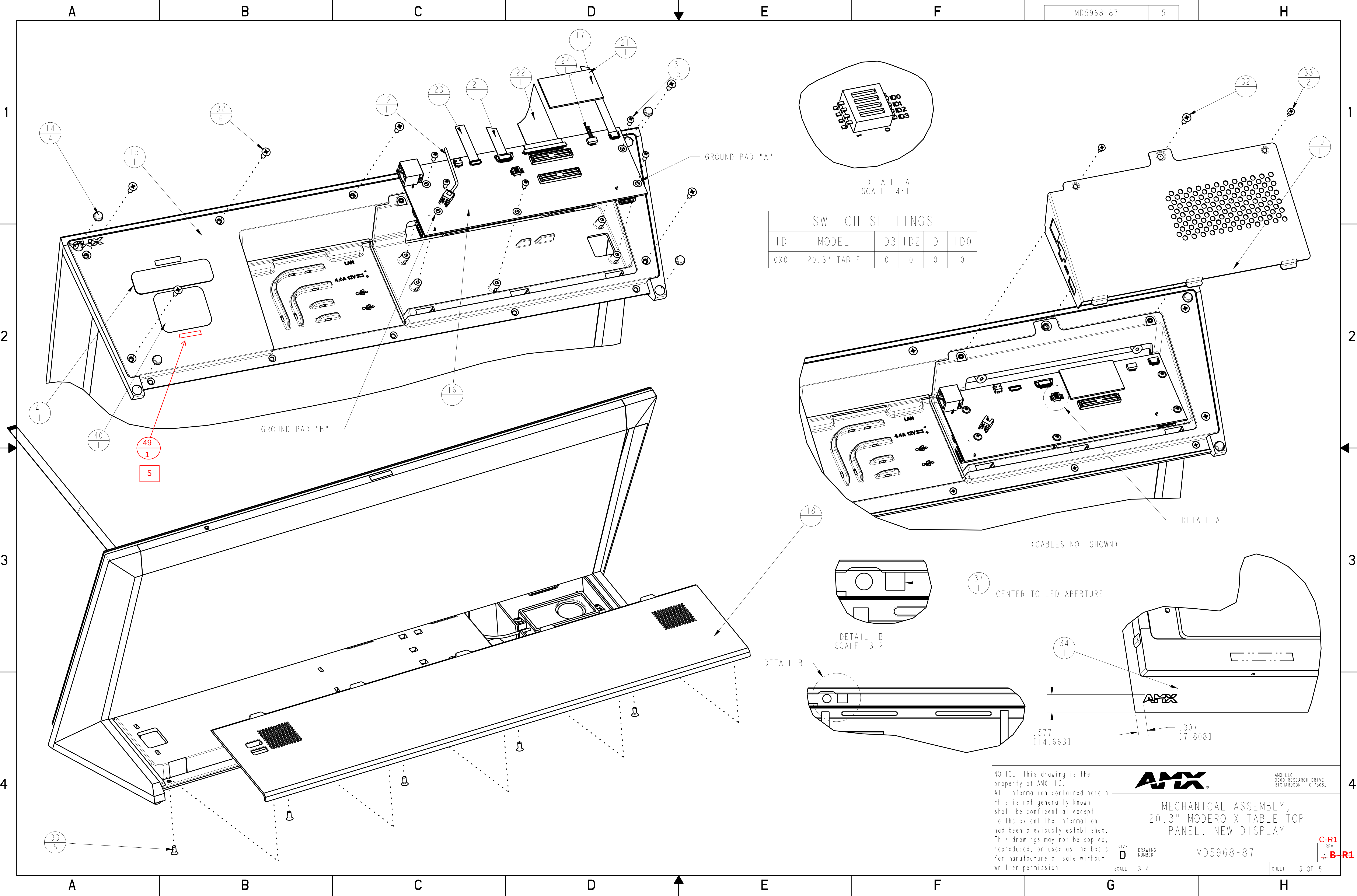
D

E

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G

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DETAIL A
SCALE 4:1

ID	MODEL	ID3	ID2	ID1	ID0
0X0	20.3" TABLE	0	0	0	0

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AMX LLC
3000 RESEARCH DRIVE
RICHARDSON, TX 75082

MECHANICAL ASSEMBLY,
20.3" MODERO X TABLE TOP
PANEL, NEW DISPLAY

SIZE D	DRAWING NUMBER	MD5968-87	REV A
SCALE 3:4	SHEET 5 OF 5		B-R1