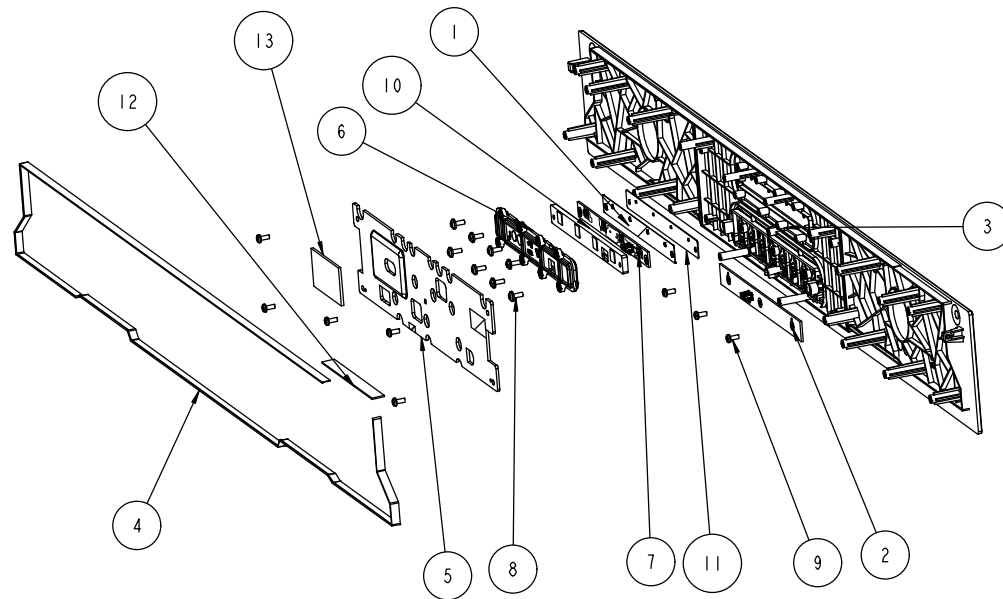


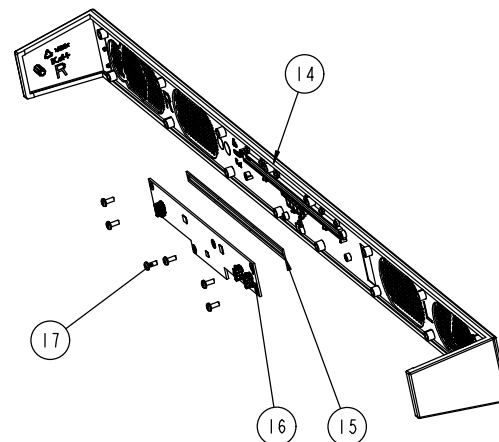
REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00			22-Dec-20	First official release	Jim Chen

Top cover Assembly



13	THERMAL_PAD_AMP_IC_2	480.02095.005	1	
12	SPONGE_TOP_CASE_B	484.00492.005LT	1	
11	SPONGE_MIC_SILICON_ASSY	481.00593.005	1	
10	SILICON_MIC_RUBBER	481.00592.005	1	
9	SCREW_TTS_3_7	401.01460.005	8	
8	SCREW_M3X8	401.01342.005	8	
7	MIC_PCB_LINEAR_ASSY	96.1516T00	1	
6	HOLDER_BRACKET_MIC_UA300_0330	446.00194.005LT	1	
5	HEATSPREADER_AMP_BOTTOM_ASSY_	400.01110.035	1	
4	GASKET_CASE_TOP	484.00422.005	5	
3	CASE_TOP_ASM	441.01000.005	1	
2	BUTTON_PCB_ASSY_	96.1517T00	1	
1	ADHESIVE_DOUBLE_SIDE	475.00718.005	1	
ITEM	PART NAME	PART NUMBER	QTY	REMARK

Front cover Assembly

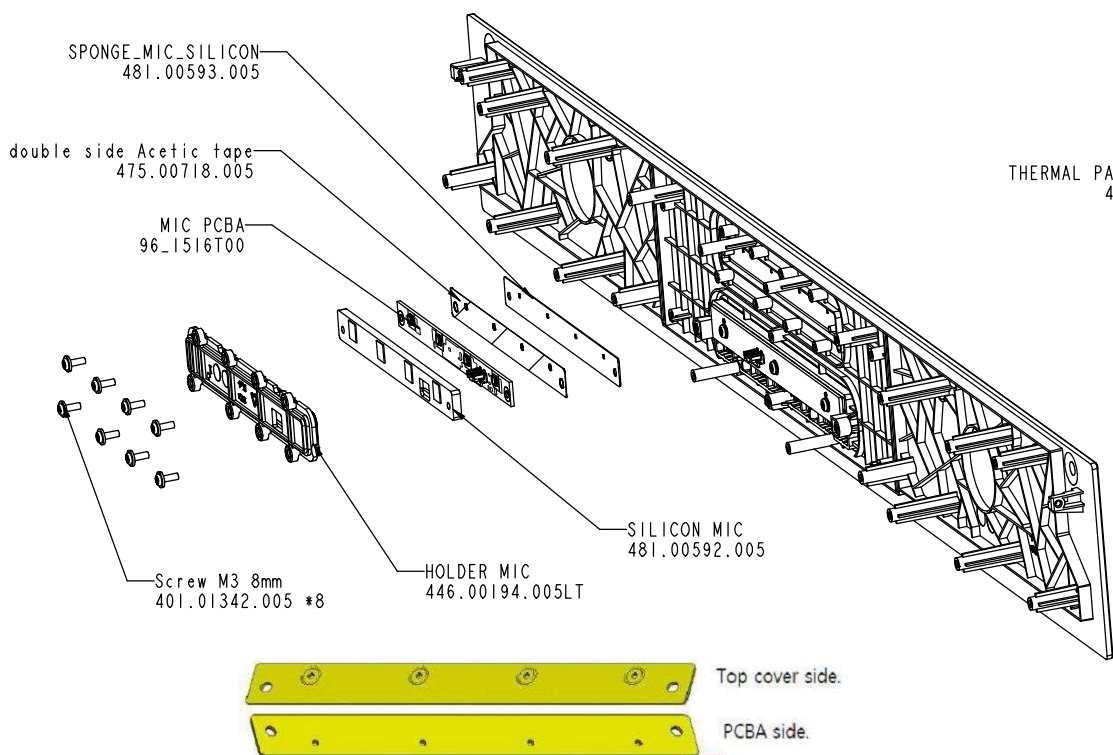


17	SCREW_TTS_3_7	401.01460.005	6	
16	LED_PCB_ASSY	96.1515T00	1	
15	SPONGE_LED	484.00479.005	1	
14	RRILL_FABRIC_ASSY	441.00994.015	1	
ITEM	PART NAME	PART NUMBER	QTY	REMARK

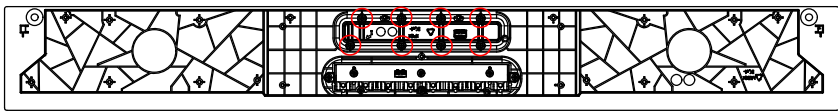
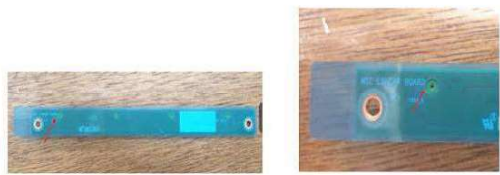
MATERIAL (SPEC.)										SEE NOTES		SCALE 0.250	 Foxconn Industrial Internet 富士康工业互联网		
FINISH										SEE NOTES		SHEET 1/19			
Select Dim	1	2	3	4	5	6	7	8	9	10	UNIT	PART NAME			
0-6	0.05	0.05	0.10	0.20	0.50	1.00	2.00	3.00	4.00	5.00	MM	CASE_TOP_ASSY			
6-30	0.10	0.15	0.20	0.50	1.00	2.00	3.00	4.00	5.00	6.00	SIZE A3	MODEL	PART NO.	DESIGNED	
30-120	0.15	0.20	0.30	0.50	1.00	2.00	3.00	4.00	5.00	6.00		K18X001.00	111	Jim Chen	
120-300	0.20	0.30	0.40	1.00	1.00	10.00	15.00	20.00	25.00	30.00		CUSTOMER MODEL	CUSTOMER PART NO.	APPROVED	
300-450	0.25	0.40	0.50	2.00	2.00	15.00	20.00	25.00	30.00	35.00		Swan sound bar		Charge	
450-600	0.30	0.50	0.60	3.00	3.00	20.00	25.00	30.00	35.00	40.00					
DRAFT TOLERANCE										± 0.2°		CRITICAL DIM.		*	

REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00			09-Dec-20	First official release	Jim Chen

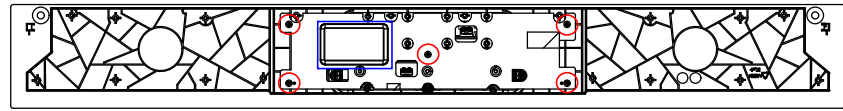
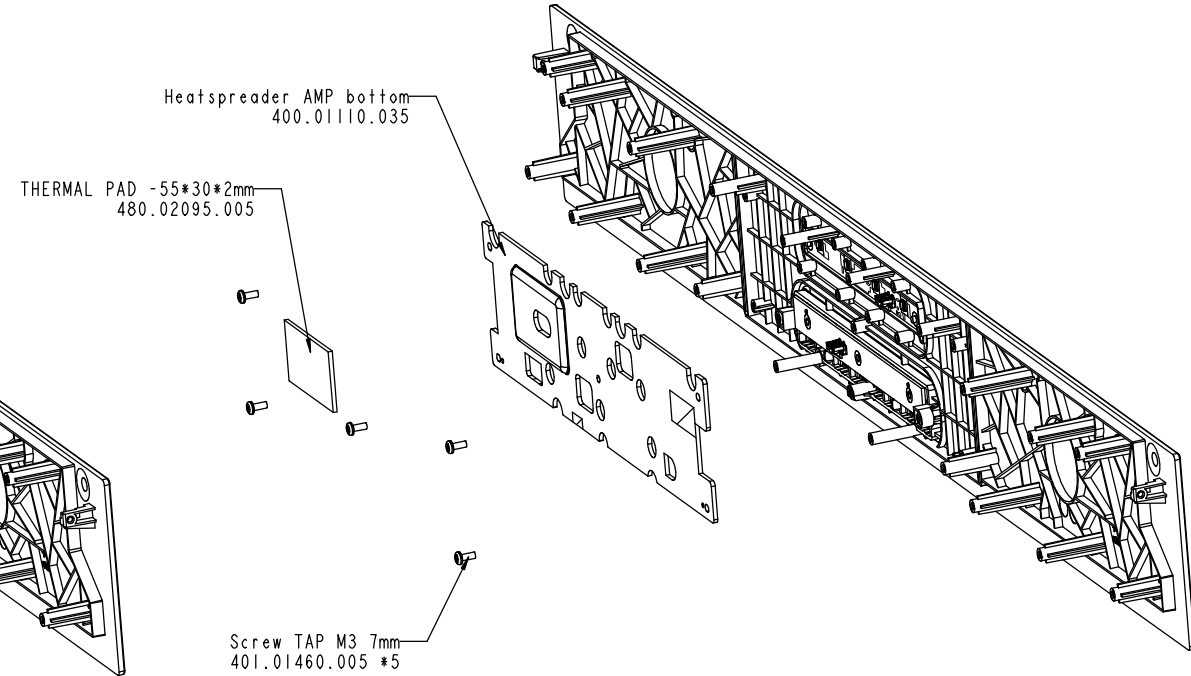
Step 2: Assemble rubber,MIC PCBA,holder on Top cover as shown below, and fix the holder to Top function with 8 screws.
Locking torque: 3.5±0.5 kgf*cm



MIC Hole must be clear.



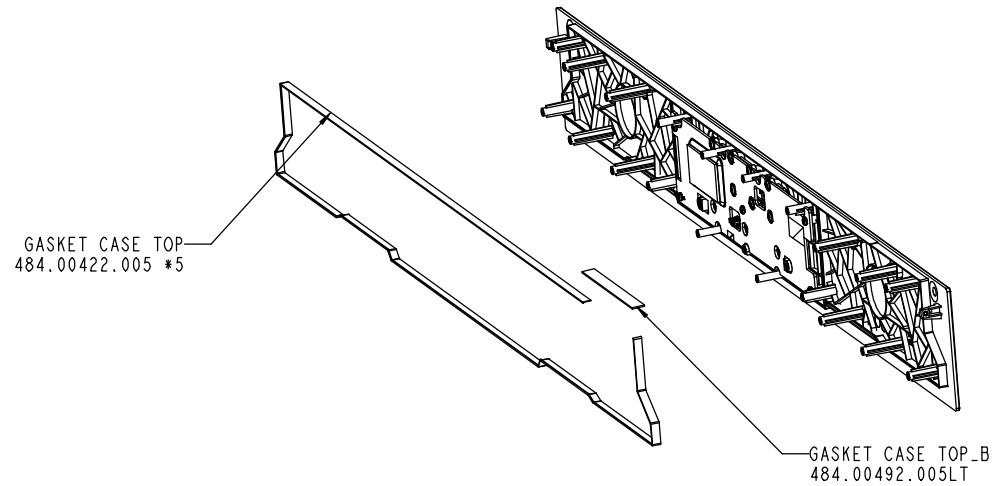
Step 3:
a. Fix the Heatspreader AMP Bottom to Top cover with 5 screws
b. Assemble the thermal pad to heatspreader.
Locking torque: 3±0.5 kgf*cm
Change the torqur from 3±0.5 kgf*cm to 3.5±0.5 kgf*cm



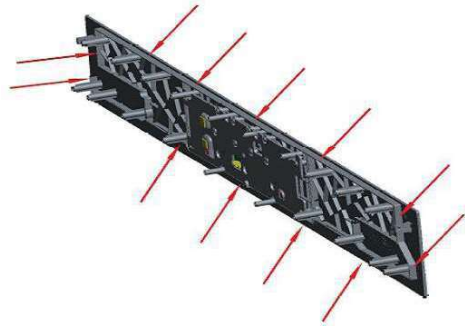
MATERIAL (SPEC.)										SEE NOTES		SCALE 0.400		 Foxconn Industrial Internet 富士康工业互联网													
FINISH										SEE NOTES		SHEET 3/19															
Select DTM: (1)										#		UNIT MM		PART NAME 00-BFX-UA300_ASM_492													
A										B		C		EPS		EPE		BAG		CTN		Label		USR			
0-6										0.050		0.050		0.10										0.20			
6-30										0.100		0.150		0.200		0.500		0.500		3.000				0.20			
30-120										0.150		0.200		0.300		0.500		0.500		10.000		0.25					
120-3000										0.200		0.300		0.400		1.000		1.000		10.000		0.30					
300-4500										0.250		0.400		0.500		2.000		2.000		15.000		0.50					
450-6000										0.300		0.500		0.600		3.000		3.000		20.000		0.80					
DRAFT TOLERANCE										± 0.2																	
D										MARK		C															
SIZE A3										MODEL K18X001.00		PART NO.		DESIGNED Jim Chen													
										CUSTOMER MODEL Swan sound bar		CUSTOMER PART NO.		APPROVED Charge													

D		C		B		A	
REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION		SIGNATURE	
00			10-Dec-20	First official release		Jim Chen	

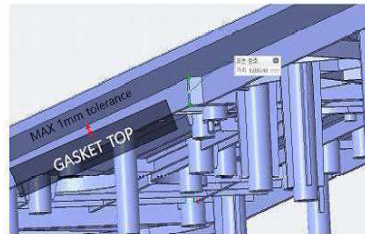
Step 4: Stick the Gaske to Top cover.



Gasket position



Gasket
Critical To Quality for Acoustic performance
Attachment tolerance : Max +1mm



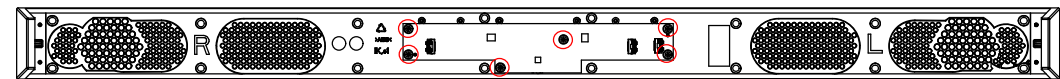
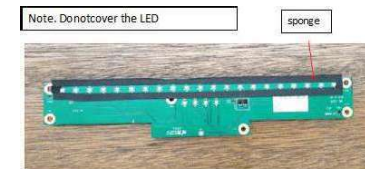
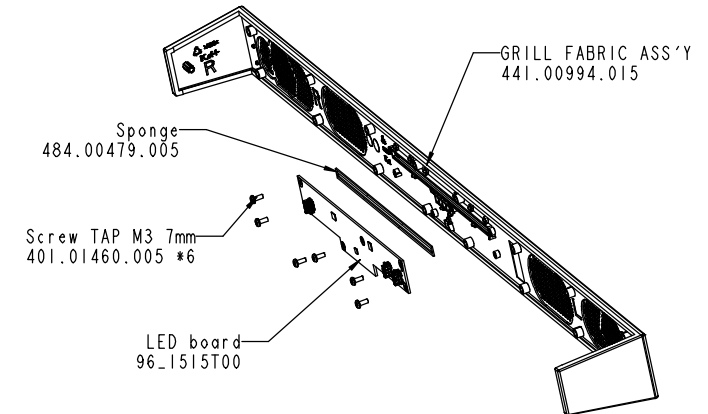
MIC hole should be clear



Step 5:

- Stick the sponge to LED board .
- Fix the LED Board to Grill Fabric ASS'Y with 6 screws.
Locking torque: 3 ± 0.5 kgf*cm

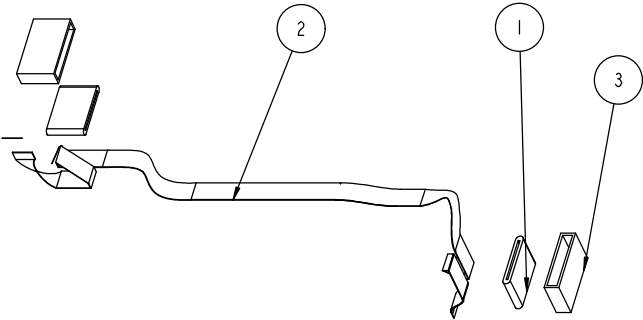
Change the torquor from 3 ± 0.5 kgf*cm to 3.5 ± 0.5 kgf*cm



MATERIAL (SPEC.)										SCALE 0.250			
FINISH										SHEET 4/19			
SEE NOTES													
Select										UNIT		PART NAME	
Dim Tol										MM		CASE_TOP_ASSY	
0-6	A	B	C	EPS	EPE	BAG	CTN	Label	USR	SIZE	MODEL	PART NO.	DESIGNED
6-30	0.05	0.05	0.10	0.20	0.50	0.50	3.00	0.20		A3	K18X001.00		Jim Chen
30-120	0.10	0.15	0.20	0.30	0.50	0.50	5.00	0.25					
120-300	0.15	0.20	0.30	0.40	1.00	1.00	10.00	0.30					
300-450	0.20	0.30	0.40	1.00	1.00	1.00	15.00	0.30					
450-600	0.25	0.40	0.50	1.00	2.00	2.00	20.00	0.50					
600-900	0.30	0.50	0.60	1.00	2.00	2.00	20.00	0.80					
DRAFT TOLERANCE										CRITICAL DIM.			
± 0.2°										* 		Swan sound bar	
												CUSTOMER PART NO.	
												APPROVED	
												Charge	

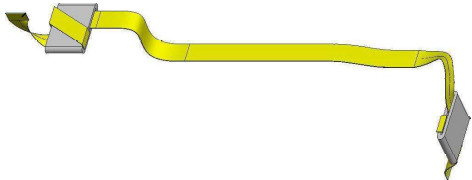
REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00			090921	First official release	Jim Chen

Ferrite core_FFC cable Assembly



3	SPONGE_FERRITE_CORE	484.00483.005	2	
2	FPC_CABLE_MIC	376.00050.005	1	
1	FERRITE_CORE_MIC_CABLE	133.00056.005	2	
ITEM	PART NAME	PART NUMBER	QTY	REMARK

Assemble the ferrite core to the MIC FFC cable

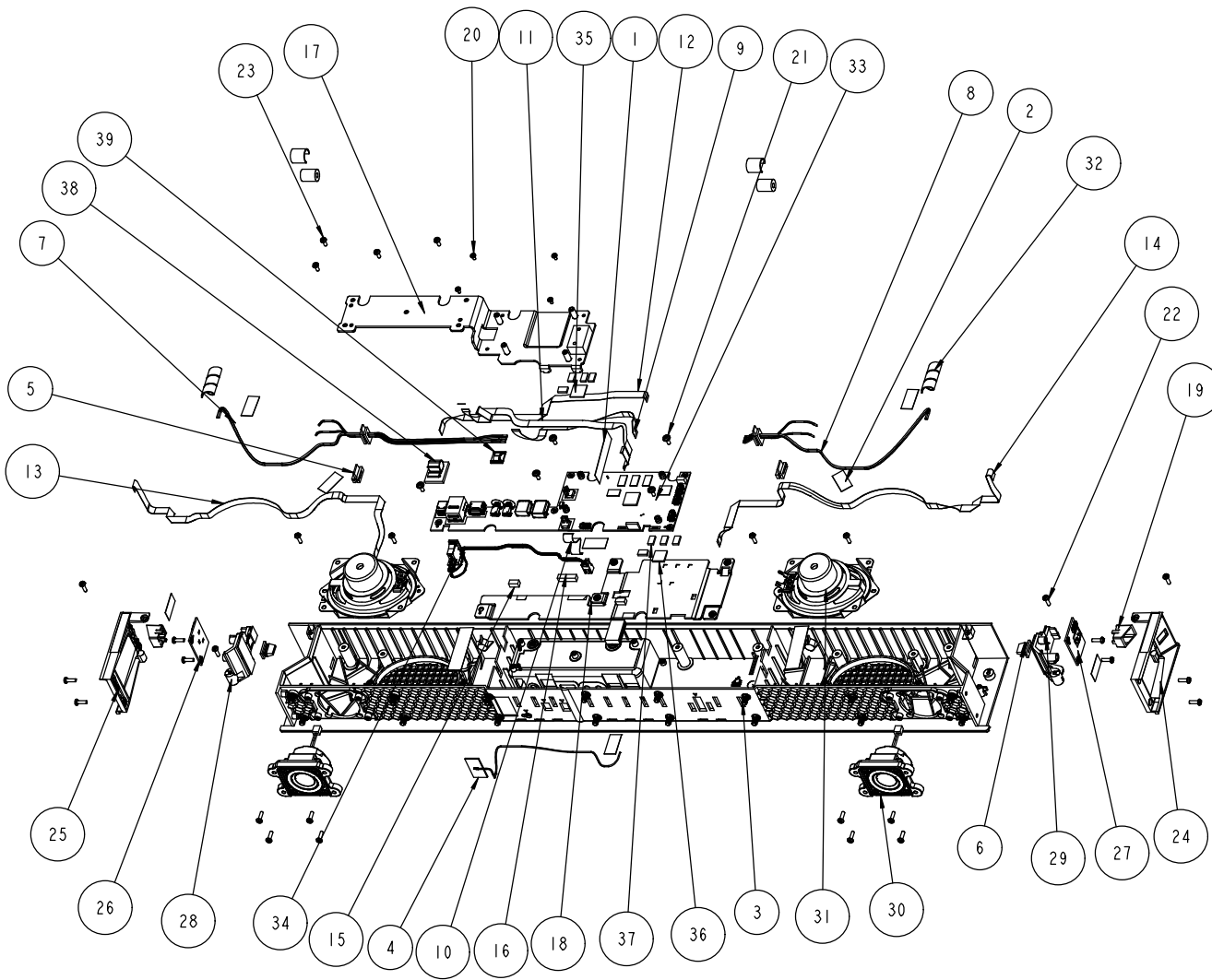


Stick the sponge on the ferrite core and the FFC cable



MATERIAL (SPEC.)											SCALE	 Foxconn Industrial Internet 富士康工业互联网		
SEE NOTES											1.000			
FINISH											SHEET			
SEE NOTES											5/19			
Select Dim	Lot	A	B	C	EPS	EPE	BAG	CTN	Label	USR	UNIT	PART NAME		
0~6		0.05	0.05	0.10							MM	SIDE-PCBA-BRACKET-LEFT-ASSY		
6~30		0.10	0.15	0.20	0.50	0.50	3.00				SIZE			
30~120		0.15	0.20	0.30	0.50	0.50	5.00	2.00	0.25		A3			
120~300		0.20	0.30	0.40	1.00	1.00	10.00	0.30	0.30					
300~450		0.25	0.40	0.50	2.00	2.00	15.00	0.50	0.50					
450~600		0.30	0.50	0.60	3.00	3.00	20.00	0.80	0.80					
DRAFT TOLERANCE		± 0.2°		CRITICAL DIM.						*				
		MARK												
</														

Bottom cover Assembly

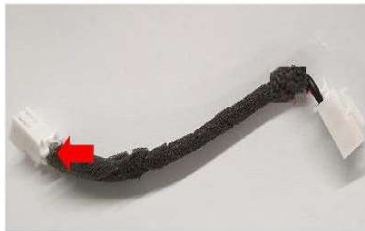
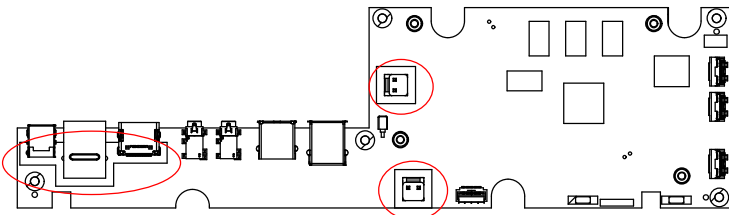
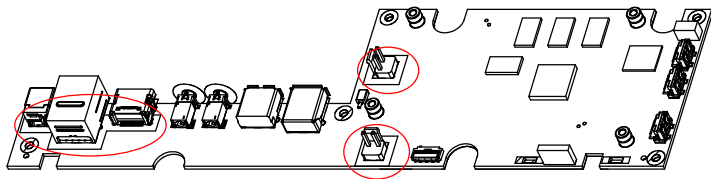


REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00			22-Dec-20	First official release	Jim Chen
40		Glue DOWSIL_7091	593.00165.005		
39		WIRE_SADDLE-1	471.00050.005	1	
38		WIRE_MOUNT	471.00105.005	1	
37		THERMAL_PAD_SOC_DDR	480.02185.005	8	2nd source: 480.01931.005
36		THERMAL_PAD_BOTTOM_CPU	480.02187.005	1	2nd source: 480.01930.005
35		THERMAL-PAD-SOC-TOP	480.02186.005	1	2nd source: 480.01929.005
34		SWITCH_CABLE_INT	377.00350.005	1	
33		SWAN_PCB_ASSEMBLY	K18X001T00	1	
32		SPONGE_SPK_CABLE	484.00492.005LT	2	
31		SPEAKER_UNIT_MIDRAGNE_	352.00191.005LT	2	
30		SPEAKE_UNIT_TWEETER_	352.00192.005LT	2	
29		SIDE_PCB_ABRACKET_RIGHT_ASSY	446.00196.005LT	1	
28		SIDE_PCB_ABRACKET_LEFT_ASSY	446.00195.005LT	1	
27		SIDE_LED_PCB_RIGHT_ASM	96.1520T00	1	
26		SIDE_LED_PCB_LEFT_ASM	96.1540T00	1	
25		SIDE_DECO_LEFT_ASSY	462.00056.015	1	
24		SIDE_DECO_ASSY_RIGHT	462.00055.015	1	
23		SCREW_TTS_3_7	401.01460.005	4	
22		SCREW_TTS_3_10	401.01459.005	24	
21		SCREW_M3X8	401.01342.005	5	
20		SCREW-M2.5-5MM	401.00634.005	4	
19		LIGHT_PIPE_SIDE_LED	448.00328.005	2	
18		HEATSPREADER_BOTTOM_SOC_ASSY_AS	400.01103.035	1	2nd source: 400.01103.025
17		HEAT_SPREADER_TOP_SOC_ASSY	400.01108.025	1	2nd source: 400.01108.015
16		GASKET-ELECTIC_USB	493.00277.005	1	
15		GASKET-ELECTIC_HDMI	493.00278.005	2	
14		FPC_SIDE_PCB_RIGHT	376.00053.005	1	
13		FPC_SIDE_PCB_LEFT	376.00054.005	1	
12		FPC_LED_BOARD	376.00052.005	1	
11		FPC_CABLE_MIC	376.00050.005	1	
10		FPC_CABLE_AMP_SOC	376.00039.005	1	
9		FPC_BUTTON_PCB	376.00051.005	1	
8		CABLE_SPEAKER_RIGHT	377.00403.005LT	1	
7		CABLE_SPEAKER_LEFT	377.00402.005LT	1	
6		BUSHING_CABLE_OUT_SIDE	477.00476.005	2	
5		BUSHING_CABLE_INNER_SIDE	477.00475.005	2	
4		BT_ANT_DUAL	361.01405.015	1	
3		BOTTOM_COVER_ASY	443.00726.015	1	
2		ACETIC_TAPE_25X12.5	475.00512.005	9	
1		ACETIC_TAPE_15X70	475.00724.005	3	
ITEM		PART NAME	PART NUMBER	QTY	REMARK

MATERIAL (SPEC.)											SCALE 0.200		 Foxconn Industrial Internet 富士康工业互联网				
FINISH											SHEET 6/19						
SEE NOTES																	
Select Dim.	A	B	C	EPS	EPE	BAG	CTN	Label	USR	UNIT MM	PART NAME 00-BFX-UA300-ASM_492						
0-6	0.05	0.05	0.10						0.20								
6-30	0.10	0.15	0.20	0.50	0.50	3.00			0.20								
30-120	0.15	0.20	0.30	0.50	0.50	5.00	2.00	0.25									
120-300	0.20	0.30	0.40	1.00	1.00	10.00	0.30	0.30									
300-450	0.25	0.40	0.50	2.00	2.00	15.00	0.50	0.50									
450-600	0.30	0.50	0.60	3.00	3.00	20.00	0.80	0.80									
DRAFT TOLERANCE ± 0.2"											CRITICAL DIM.					* 	
											Swan sound bar					Charge	

REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00			09-Jan-21	First official release	Jim Chen

Note:
a. Fix the connector with glue 593.00165.005(DOWSIL_7091).
b. Fix the cable-SOC-AMP with glue 593.00165.005(DOWSIL_7091).



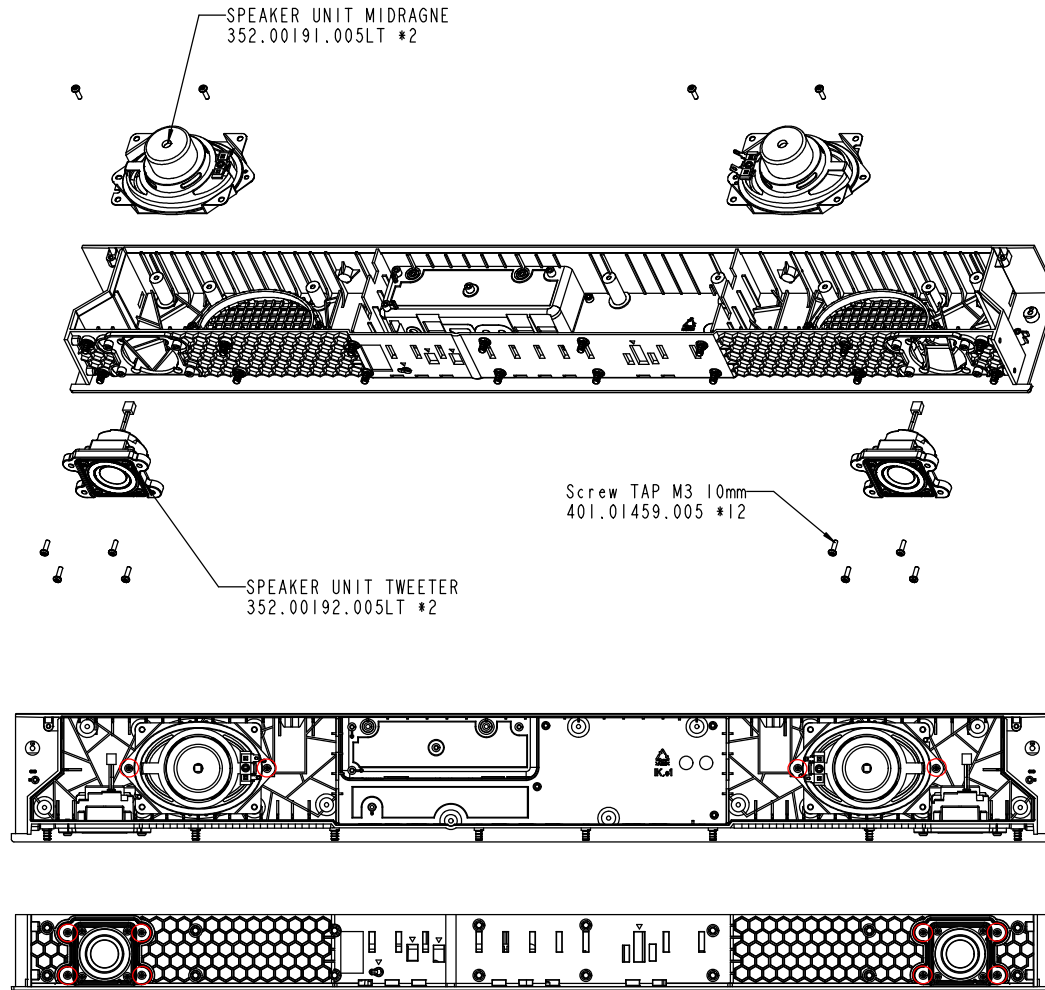
Power cable:
Fill connector with glue, Height
tolerance: +/- 1mm

MATERIAL (SPEC.)		SEE NOTES		SCALE 0.250		 Foxconn Industrial Internet 富士康工业互联网							
FINISH		SEE NOTES		SHEET 7/19									
Select Dim Tol	#	A	B	C	EPS	EPE	BAG	CTN	Label	UNIT	PART NAME		
0~6	0.05	0.05	0.10							MM	CASE_BOTTOM_ASSY		
6~30	0.10	0.15	0.20	0.50	0.50	3.00							
30~120	0.15	0.20	0.30	0.50	0.50	5.00	2.00	0.25		SIZE	MODEL	PART NO.	DESIGNED
120~300	0.20	0.30	0.40	1.00	1.00	10.00	3.00	0.30		A3	K18X001.00	/	Jim Chen
300~450	0.25	0.40	0.50	2.00	2.00	15.00	5.00	0.50			CUSTOMER MODEL	CUSTOMER PART NO.	APPROVED
450~600	0.30	0.50	0.60	3.00	3.00	20.00	5.00	0.80			Swan sound bar		Charge
DRAFT TOLERANCE		± 0.2°		CRITICAL DIM.		#							

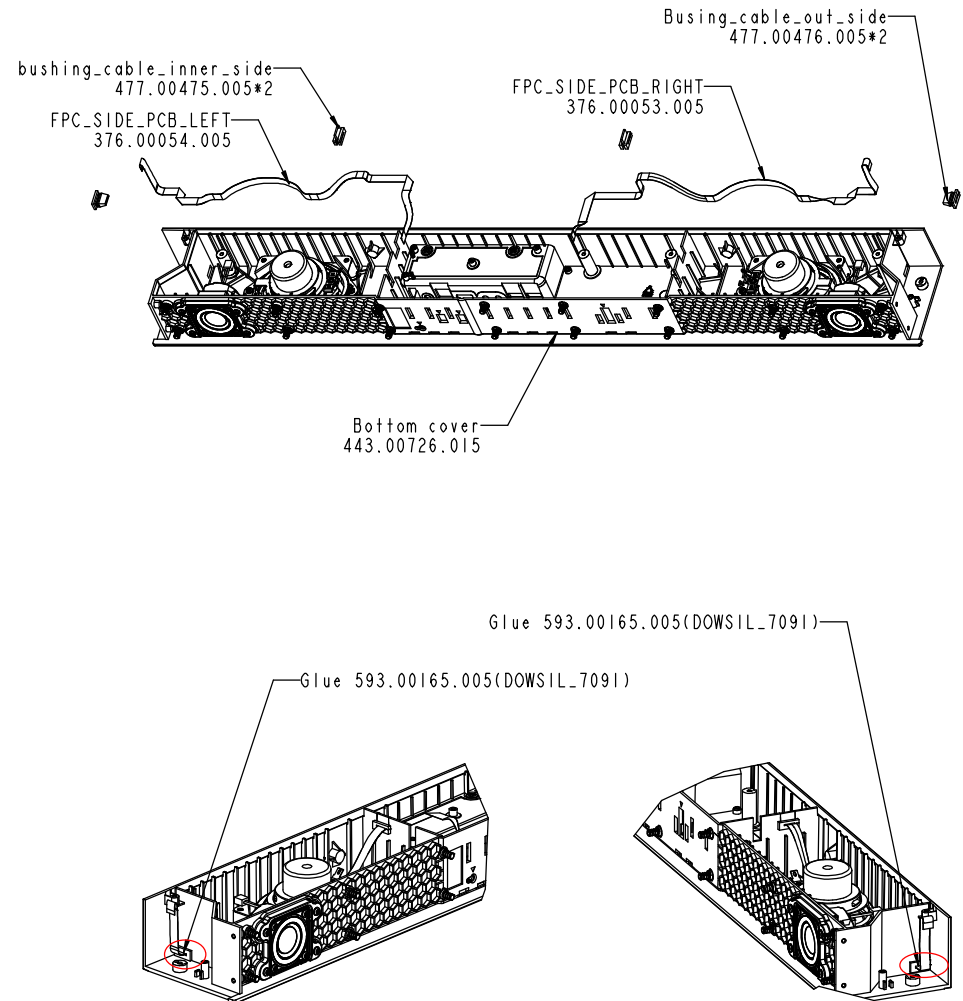
REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00			19-Dec-20	First official release	Jim Chen

Step 6:
Fix the Speaker to Bottom cover with 12 screws as indicated..
Locking torque: 4.0±0.5 kgf*cm

Change the torqur from 4±0.5 kgf*cm to 3.5±0.5 kgf*cm



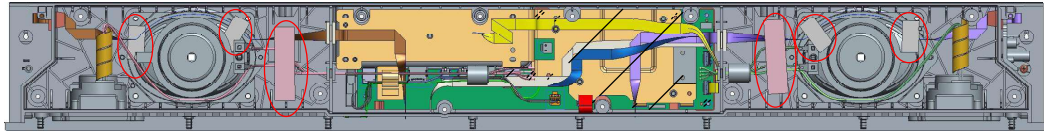
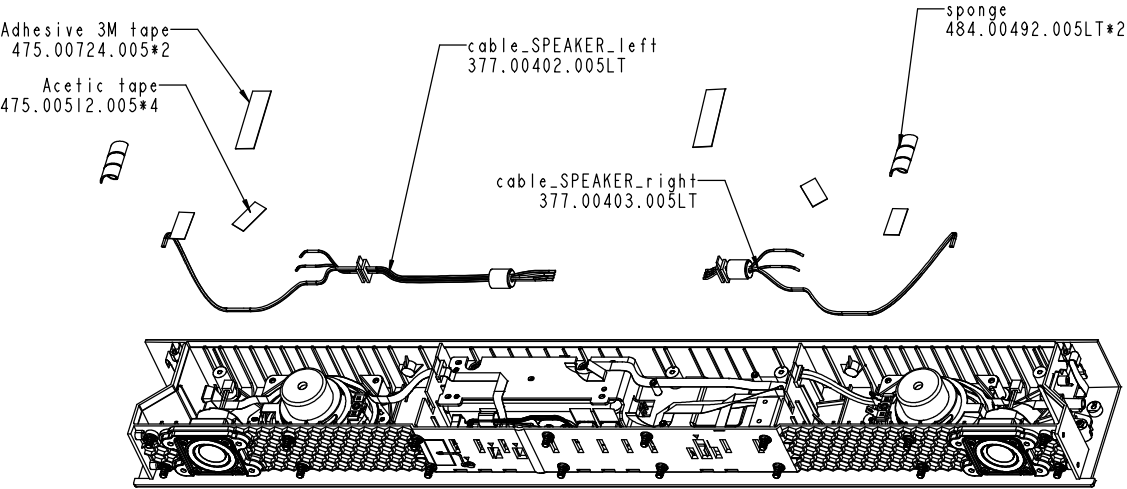
Step 7:
a. Make the FPC_SIDE_PCB pass through the bottom cover and assemble the Busing to FFC cable as indicated.
b. Assemble the Busing to bottom cover as indicated.
c. Seal the Busing with glue 593.00165.005(DOWSIL_7091).



MATERIAL (SPEC.)											SCALE 0.250		 Foxconn Industrial Internet 富士康工业互联网	
FINISH											SHEET 8/19			
SEE NOTES														
SEE NOTES														
Select		#									UNIT	PART NAME		
Dim	tol	A	B	C	EPS	EPE	BAG	CTN	Label	USR	MM	CASE_BOTTOM_ASSY		
0~6		0.05	0.05	0.10										
6~30		0.10	0.15	0.20	0.50	50	50	3.0	0.20					
30~120		0.15	0.20	0.30	0.50	50	50	5.0	2.00	0.25	SIZE	MODEL	PART NO.	DESIGNED
120~300		0.20	0.30	0.40	1.0	1.0	1.0	10.0	0.30	0.30	A3	K18X001.00		Jim Chen
300~450		0.25	0.40	0.50	2.0	2.0	2.0	15.0	0.50	0.50		CUSTOMER MODEL	CUSTOMER PART NO.	APPROVED
450~600		0.30	0.50	0.60	3.0	3.0	3.0	20.0	0.50	0.80				
DRAFT TOLERANCE ±0.2*											CRITICAL DIM.			

REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00			19-Dec-20	First official release	Jim Chen

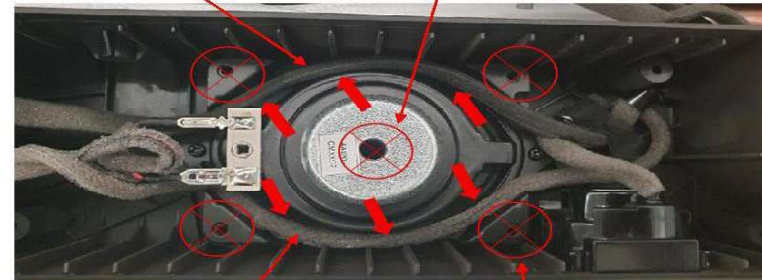
- Step 8:
- Assemble the speaker cable to speaker.
 - Fix the FFC cable and speaker cable to speaker with 4 Acetic tape as indicated.
 - Assemble the Busing to bottom cover as indicated.
 - Fix the speaker cable on bottom cover with Adhesive 3M tape.



Recommend this way to route full range speaker cable

Side LED FFC cable routing

Do not overlap woofer magnet center hole



Speaker cable

Do not overlap cable for screw hole

Insert pin direction
More easy disconnect, push pin is upper side.



Full range speaker connector should be rapped after assembly
Use Sponge tape 484.00492.005LT

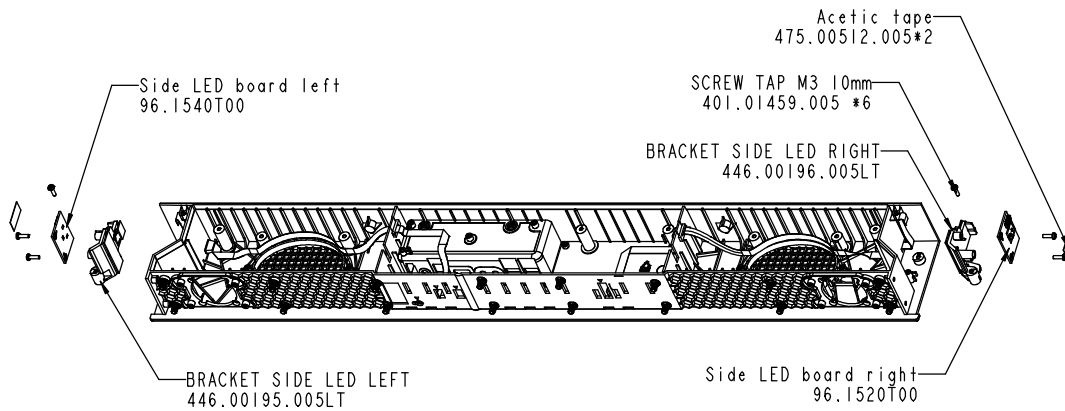


MATERIAL (SPEC.)											SEE NOTES		SCALE 0.250	 Foxconn Industrial Internet 富士康工业互联网			
FINISH											SEE NOTES		SHEET 9/19				
Select Dim	Lot	#	A	B	C	EPS	EPE	BAG	CTN	Label	UNIT	PART NAME					
0~6		0.05	0.05	0.10						0.20	MM	CASE_BOTTOM_ASSY					
6~30		0.10	0.15	0.20	0.50	0.50	3.00			0.20	SIZE	MODEL	PART NO.	DESIGNED			
30~120		0.15	0.20	0.30	0.50	0.50	5.00	2.00	0.25		A3	K18X001.00		Jim Chen			
120~300		0.20	0.30	0.40	1.00	1.00	10.00	0.30				CUSTOMER MODEL	CUSTOMER PART NO.	APPROVED			
300~450		0.25	0.40	0.50	2.00	2.00	15.00	0.50				Swan sound bar		Charge			
450~600		0.30	0.50	0.60	3.00	3.00	20.00	0.80									
DRAFT TOLERANCE		± 0.2"		CRITICAL DIM.		*											

REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00			10-Dec-20	First official release	Jim Chen

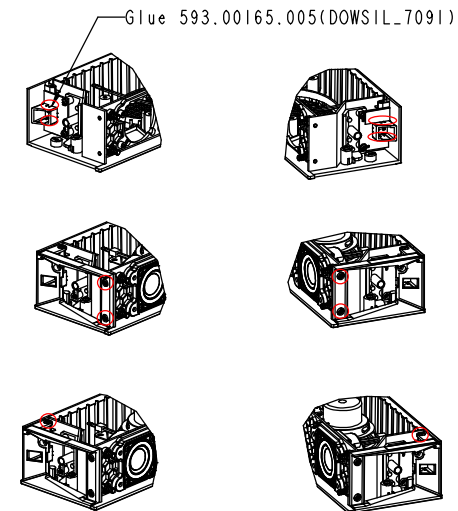
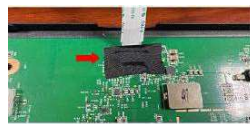
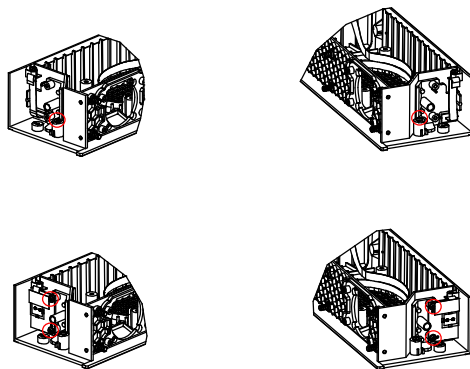
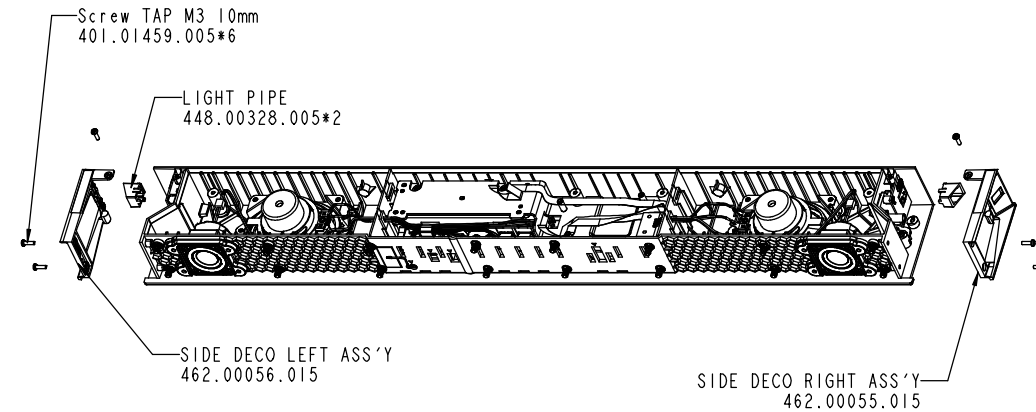
Step 9:

- a. Fix the BRACKET SIDE LED to Bottom cover with 1 screw(M3x10mm).
Locking torque: 3.5 ± 0.5 kgf*cm.
b. Assemble the FFC cable to SIDE LED BOARD with Acetic tape as indicated.
c. Fix the Side LED board to BRACKET SIDE LED with 2 screws(M3x10mm).
Locking torque: 3.5 ± 0.5 kgf*cm



Step 10:

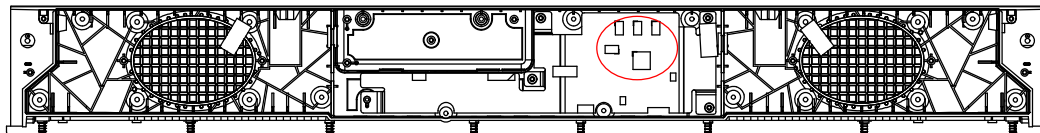
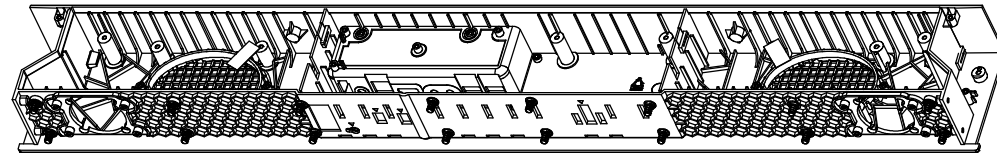
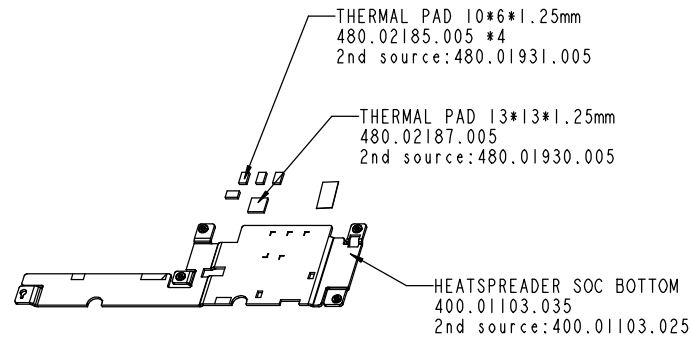
- a. Assemble the light pipe to the Side LED board as indicated.
b. Seal the light pipe with glue 593.00165.005(DOWSIL_7091).
c. Fix the SIDE DECO ASS'Y to Bottom cover with 6 screws as indicated.
Locking torque: 3.5 ± 0.5 kgf*cm.



MATERIAL (SPEC.)											SEE NOTES	SCALE 0.250	 Foxconn Industrial Internet 富士康工业互联网			
FINISH											SEE NOTES	SHEET 10/19				
Select			#									UNIT	PART NAME			
Dim	Lot	A	B	C	EPS	EPE	BAG	CTN	Label	USR		MM	GRILL_ASSY-UA300_ASM			
0-6		0.05	0.05	0.10						0.20						
6-30		0.10	0.15	0.20	0.50	0.50	5.03	0.00		0.20		SIZE	MODEL	PART NO.	DESIGNED	
30-120		0.15	0.20	0.30	0.50	0.50	5.05	0.00	2.00	0.25		A3	K18X001.00		Jim Chen	
120-300		0.20	0.30	0.40	1.00	1.00	10.03	0.00	3.00							
300-450		0.25	0.40	0.50	2.00	2.00	15.05	0.00	5.00				CUSTOMER MODEL	CUSTOMER PART NO.	APPROVED	
450-600		0.30	0.50	0.60	3.00	3.00	20.05	0.00	8.00				Swan sound bar		Charge	
DRAFT TOLERANCE											± 0.2°	CRITICAL DIM.	*			

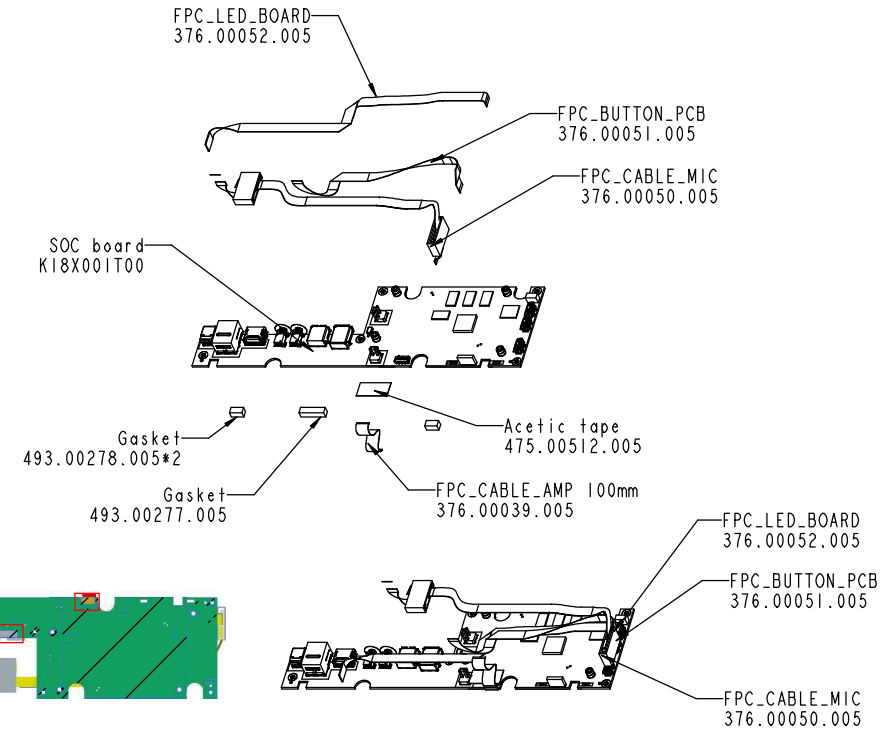
REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00			17-Dec-20	First official release	Jim Chen

Step 11: Assemble the heatspreader to bottom cover, and stick the thermal pad to heatspreader.

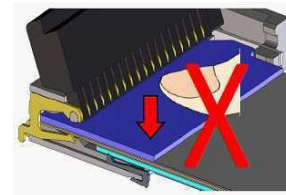


Step 12:

- Assemble the FFC cable to SoC board as indicated.
- Fix the FFC cable_AMP to SoC board with Acetic tape.
- Stick the gasket to the SoC board.



Do not press the FFC cable during assembly



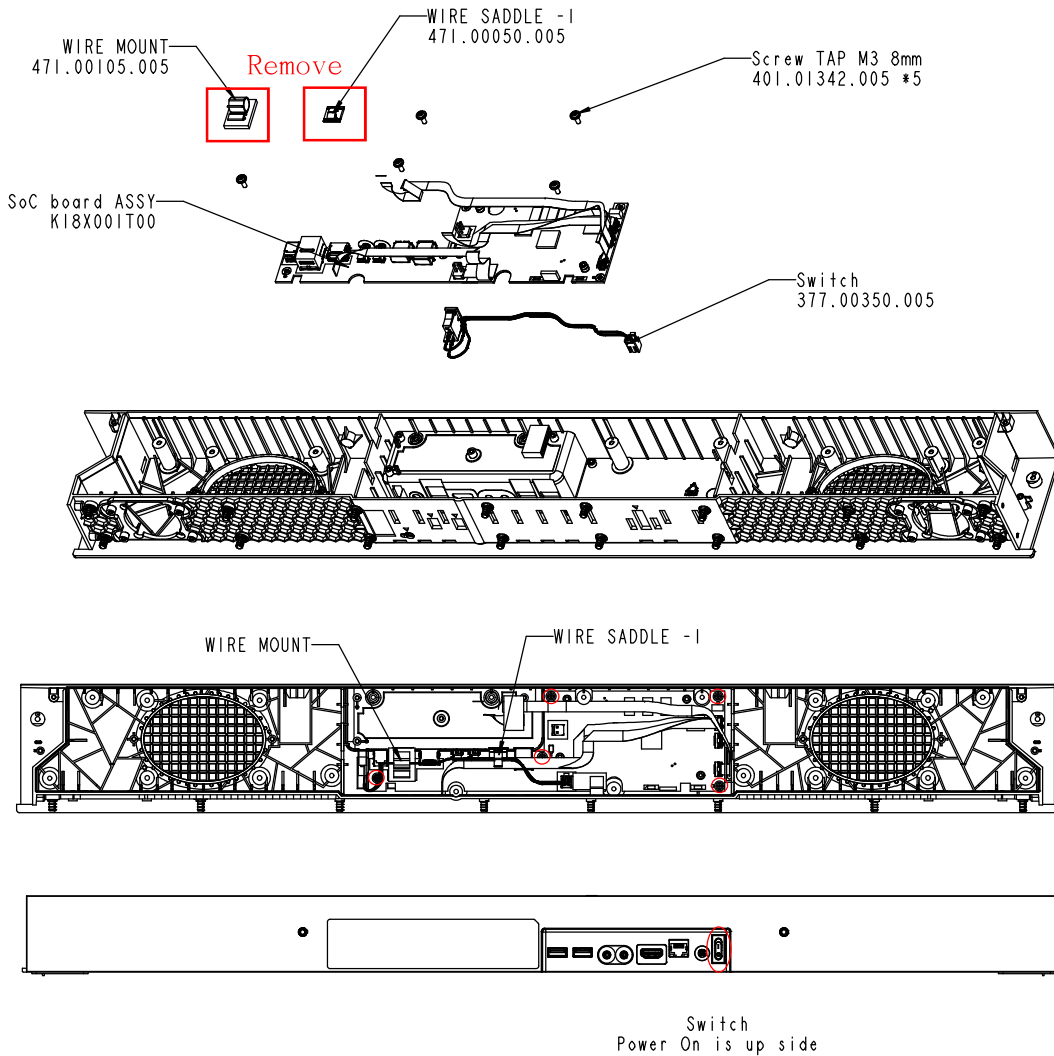
MATERIAL (SPEC.)		SEE NOTES		SCALE	 Foxconn Industrial Internet 富士康工业互联网		
FINISH		SEE NOTES		0.250			
				SHEET			
				11/19			
Select	#			UNIT	PART NAME		
Dim	Lot	A	B	MM	CASE_BOTTOM_ASSY		
0~6	0.05	0.05	0.10		MODEL	PART NO.	DESIGNED
6~30	0.10	0.15	0.20		K18X001.00		Jim Chen
30~120	0.15	0.20	0.30		CUSTOMER MODEL	CUSTOMER PART NO.	APPROVED
120~300	0.20	0.30	0.40		Swan sound bar		Charge
300~450	0.25	0.40	0.50				
450~600	0.30	0.50	0.60				
DRAFT TOLERANCE	±0.2°	CRITICAL DIM.					

REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00			17-Dec-20	First official release	Jim Chen

Step 13:

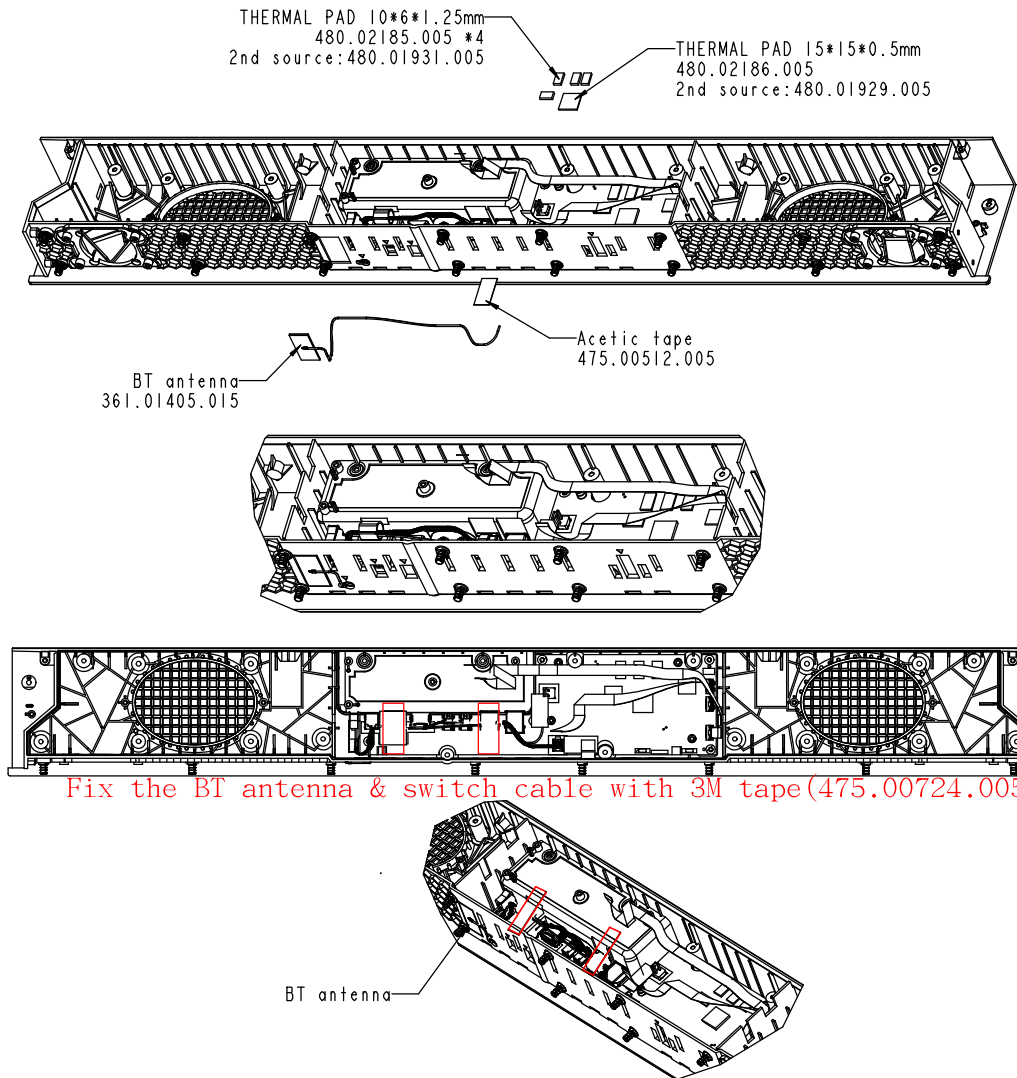
- Assemble the Switch to bottom cover.
- Fix the SoC board to bottomcover with 5 screws.
Locking torque: 2.8 ± 0.5 kgf*cm
- Stick the WIRE MOUNT and WIRE SADDLE-1 to SoC board.
- Snap the switch cable to SoC board as indicated.

Change the torqur from 2.8 ± 0.5 kgf*cm to 3.5 ± 0.5 kgf*cm



Step 14:

- Stick the BT antenna to Bottom cover.
- Make the BT antenna pass through the bottom cover, and snap the BT antenna to SoC board as indicated
- Fix the BT antenna to SoC board with and Acetic tapes.
- Make the switch cable and BT antennapass through the WIRE MOUNT and WIRE SADDLE-1.



Fix the BT antenna & switch cable with 3M tape(475.00724.005)

MATERIAL (SPEC.)		SEE NOTES		SCALE	 Foxconn Industrial Internet 富士康工业互联网		
FINISH		SEE NOTES		SHEET			
				12/19			
Select	#				UNIT	PART NAME	
Dim	A	B	C	EPS	MM	CASE_BOTTOM_ASSY	
0-6	0.05	0.05	0.10		0.20		
6-30	0.10	0.15	0.20	0.50	0.20		
30-120	0.15	0.20	0.30	0.50	0.25		
120-300	0.20	0.30	0.40	1.00	0.30		
300-450	0.25	0.40	0.50	2.00	0.50		
450-600	0.30	0.50	0.60	3.00	0.80		
DRAFT TOLERANCE	± 0.2			CRITICAL DIM.	*		

D		C		B		A	
REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION		SIGNATURE	
00			19-Dec-20	First official release		Jim Chen	

Step 15:

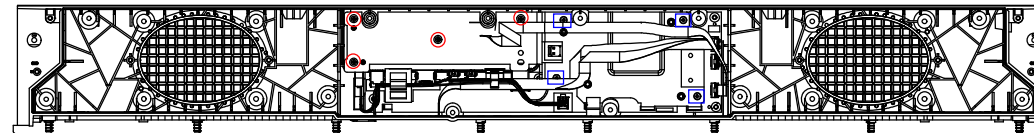
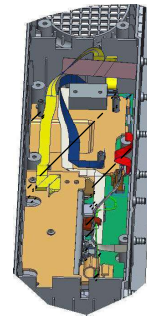
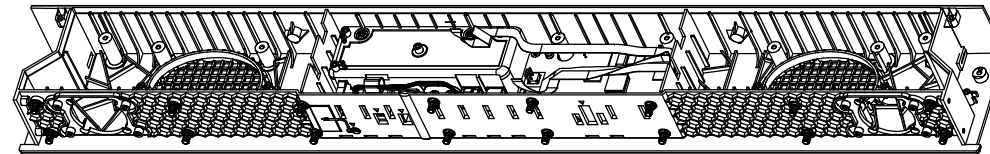
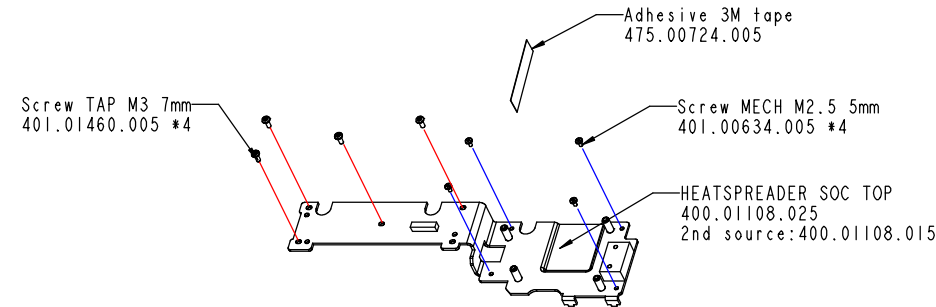
- Stick the ferrite core to bottom cover with adhesive 3M tape.
- Fix the HEATSPREADER ScC top to ScC board with 4 screws(M2.5x5mm).

Locking torque: 3.5 ± 0.5 kgf*cm

- Fix the HEATSPREADER ScC top to bottom cover with 4 screws(M3x7mm).

Locking torque: 3 ± 0.5 kgf*cm

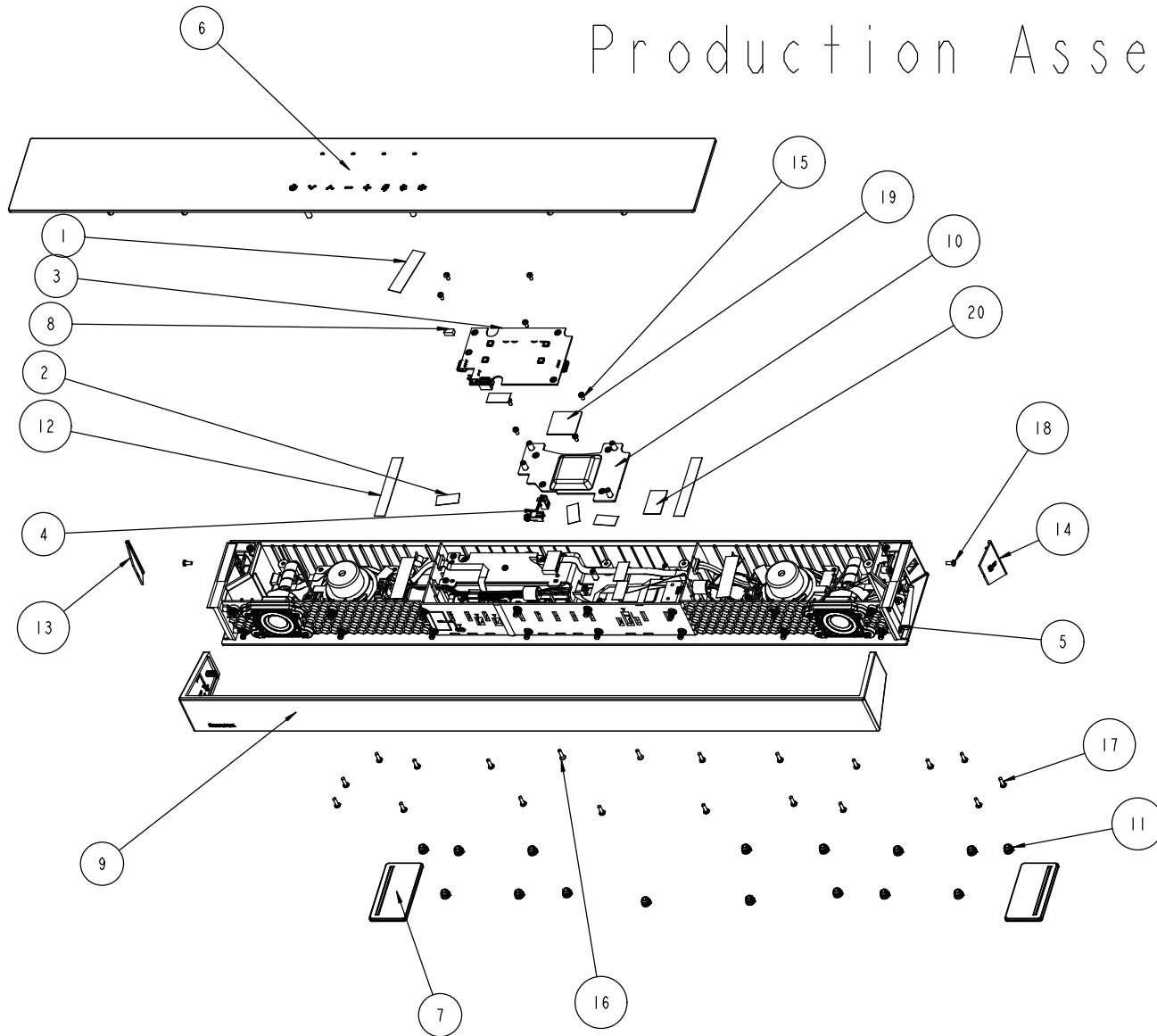
Change the torquar from 3 ± 0.5 kgf*cm to 3.5 ± 0.5 kgf*cm



MATERIAL (SPEC.)												SEE NOTES		SCALE 0.250		 Foxconn Industrial Internet 富士康工业互联网																																																																																																																																																																																	
FINISH												SEE NOTES		SHEET 13/19																																																																																																																																																																																			
<table><tr><th>Select</th><th colspan="2">A</th><th colspan="2">B</th><th colspan="2">C</th><th colspan="2">EPS</th><th colspan="2">EPE</th><th colspan="2">BAG</th><th>CTN</th><th>Label</th><th>UNIT</th></tr><tr><th>Dim</th><th>Top</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>MM</th></tr><tr><td>0-6</td><td>0.05</td><td>0.05</td><td>0.10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6-30</td><td>0.10</td><td>0.15</td><td>0.20</td><td>0.50</td><td>0.50</td><td>3.00</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>30-120</td><td>0.15</td><td>0.20</td><td>0.30</td><td>0.50</td><td>0.50</td><td>5.00</td><td>2.00</td><td>0.25</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>120-300</td><td>0.20</td><td>0.30</td><td>0.40</td><td>1.00</td><td>1.00</td><td>10.03</td><td>0.30</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>300-450</td><td>0.25</td><td>0.40</td><td>0.50</td><td>0.02</td><td>0.02</td><td>15.05</td><td>0.05</td><td>0.50</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>450-600</td><td>0.30</td><td>0.50</td><td>0.60</td><td>0.03</td><td>0.03</td><td>20.05</td><td>0.05</td><td>0.80</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td colspan="15">DRAFT TOLERANCE</td><td>± 0.2"</td></tr><tr><td colspan="15"></td><td>CRITICAL DIM.</td></tr><tr><td colspan="15"></td><td>*</td></tr></table>														Select	A		B		C		EPS		EPE		BAG		CTN	Label	UNIT	Dim	Top														MM	0-6	0.05	0.05	0.10													6-30	0.10	0.15	0.20	0.50	0.50	3.00										30-120	0.15	0.20	0.30	0.50	0.50	5.00	2.00	0.25								120-300	0.20	0.30	0.40	1.00	1.00	10.03	0.30									300-450	0.25	0.40	0.50	0.02	0.02	15.05	0.05	0.50								450-600	0.30	0.50	0.60	0.03	0.03	20.05	0.05	0.80								DRAFT TOLERANCE															± 0.2"																CRITICAL DIM.																*	PART NAME		CASE_BOTTOM_ASSY	
Select	A		B		C		EPS		EPE		BAG		CTN	Label	UNIT																																																																																																																																																																																		
Dim	Top														MM																																																																																																																																																																																		
0-6	0.05	0.05	0.10																																																																																																																																																																																														
6-30	0.10	0.15	0.20	0.50	0.50	3.00																																																																																																																																																																																											
30-120	0.15	0.20	0.30	0.50	0.50	5.00	2.00	0.25																																																																																																																																																																																									
120-300	0.20	0.30	0.40	1.00	1.00	10.03	0.30																																																																																																																																																																																										
300-450	0.25	0.40	0.50	0.02	0.02	15.05	0.05	0.50																																																																																																																																																																																									
450-600	0.30	0.50	0.60	0.03	0.03	20.05	0.05	0.80																																																																																																																																																																																									
DRAFT TOLERANCE															± 0.2"																																																																																																																																																																																		
															CRITICAL DIM.																																																																																																																																																																																		
															*																																																																																																																																																																																		
SIZE		MODEL		PART NO.		DESIGNED																																																																																																																																																																																											
A3		K18X001.00				Jim Chen																																																																																																																																																																																											
CUSTOMER MODEL		CUSTOMER PART NO.		APPROVED																																																																																																																																																																																													
Swan sound bar				Charge																																																																																																																																																																																													

REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00			22-Dec-20	First official release	Jim Chen

Production Assembly

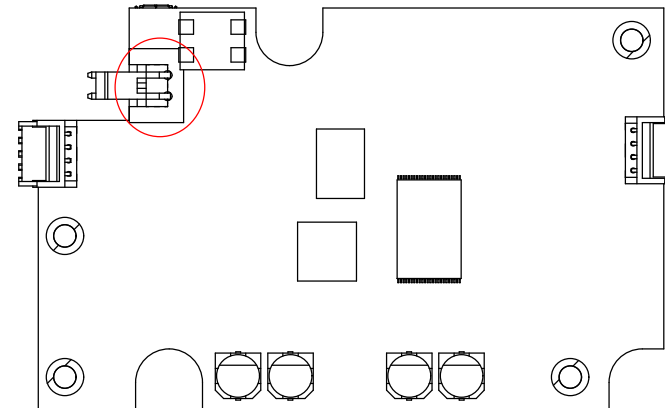
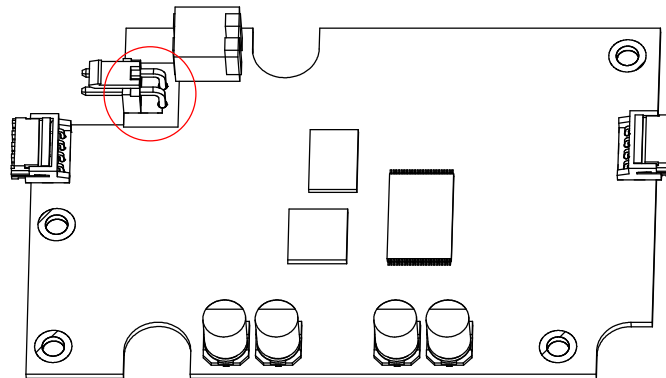


21	Glue (DOWSIL-7091)	593.00165.005		
20	THERMAL_PAD_AL-1	480.01980.005	1	
19	THERMAL_PAD-4_AMP-1C	480.02096.005	1	
18	SCREW_TTS_3_7	401.01460.005	2	
17	SCREW_TTS_3_10	401.01459.005	20	
16	SCREW_M3X12	401.01468.005	2	
15	SCREW_M3-6	401.00021.005	8	
14	PLATE_LOGO_RIGHT_BT_V_UA300_42_1	462.00057.005	1	
13	PLATE_LOGO_BT_V_MIRROR_LEFT_UA30	462.00058.005	1	
12	NONWOVEN_TAPE_CASE_INNER_0330	484.00424.005	2	
11	ME_COVER_SCREW_UA300_0330	477.00474.005	16	
10	HEAT_SPREADER_AMP_TOP_ASSY	400.01109.025	1	
9	GRILL_ASSY_UA300_ASM	///	1	
8	GASKET-ELECTIC_HDMI	493.00278.005	1	
7	FOOT_ASSY_UA300_ASM_CURRENT	481.00594.005	2	
6	CASE_TOP_ASSY	///	1	
5	CASE_BOTTOM_ASSY	/	1	
4	CABLE-SOC-AMP	377.00351.005	1	
3	AMP_BOARD_SWAN_ASSY	96.1531T00	1	
2	ACETIC_TAPE_25X12.5	475.00512.005	6	
1	ACETIC_TAPE_15X70	475.00724.005	1	
ITEM	PART NAME	PART NUMBER	QTY	REMARK

MATERIAL (SPEC.)										SEE NOTES		SCALE 0.1:1		 Foxconn Industrial Internet 富士康工业互联网	
FINISH										SEE NOTES		SHEET 14/19			
Select Dim	Tol	A	B	C	EPS	EPE	BAG	CTN	Label	UNIT	PART NAME				
0-6	0.05	0.05	0.10						0.20	MM	CASE_BOTTOM_ASSY				
6-30	0.10	0.15	0.20	0.50	0.50	3.00			0.20	SIZE A3	MODEL	PART NO.	DESIGNED		
30-120	0.15	0.20	0.30	0.50	0.50	5.00	2.00	0.25			K18X001.00	/	Jim Chen		
120-300	0.20	0.30	0.40	1.00	1.00	10.00	0.30	0.30			CUSTOMER MODEL	CUSTOMER PART NO.	APPROVED		
300-450	0.25	0.40	0.50	2.00	2.00	15.00	0.50	0.50			Swan sound bar		Charge		
450-600	0.30	0.50	0.60	3.00	3.00	20.00	0.80	0.80							
DRAFT TOLERANCE		± 0.2°		CRITICAL DIM.		*									

REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00			21-Dec-20	First official release	Jim Chen

Note:
Fix the capacitor with glue 593.00165.005(DOWSIL-7091).



Amp PCBA
Remove the capton tape from the common mode filter
This tape may make some noise

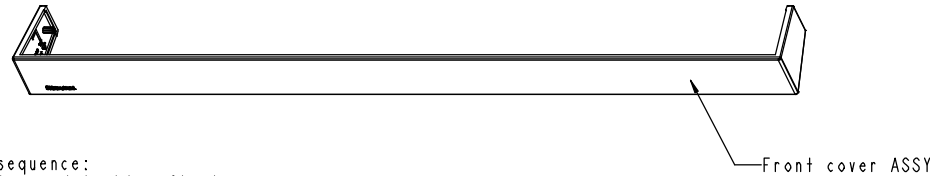
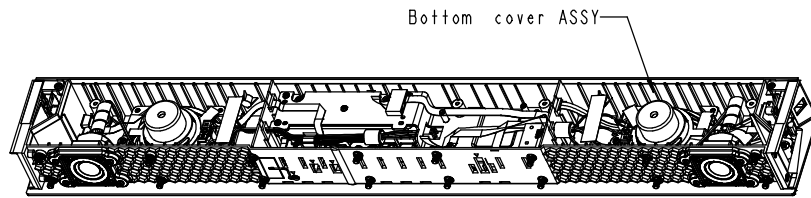


MATERIAL (SPEC.)												SCALE 1.000		 Foxconn Industrial Internet 富士康工业互联网	
FINISH												SHEET 15/19			
SEE NOTES															
Select	#	A	B	C	EPS	EPE	BAG	CTN	Label	UNIT	PART NAME				
Dim										MM	00-BFX-UA300_ASM_492				
0~6		0.05	0.05	0.10					0.20						
6~30		0.10	0.15	0.20	0.50	0.50	3.00		0.20						
30~120		0.15	0.20	0.30	0.50	0.50	5.00	2.00	0.25	SIZE	MODEL	PART NO.	DESIGNED		
120~300		0.20	0.30	0.40	1.00	1.00	10.00	0.30		A3	K18X001.00		Jim Chen		
300~450		0.25	0.40	0.50	2.00	2.00	15.00	0.50			CUSTOMER MODEL	CUSTOMER PART NO.	APPROVED		
450~600		0.30	0.50	0.60	3.00	3.00	20.00	0.80			Swan sound bar		Charge		
DRAFT TOLERANCE ± 0.2"												CRITICAL DIM.			
MARK															

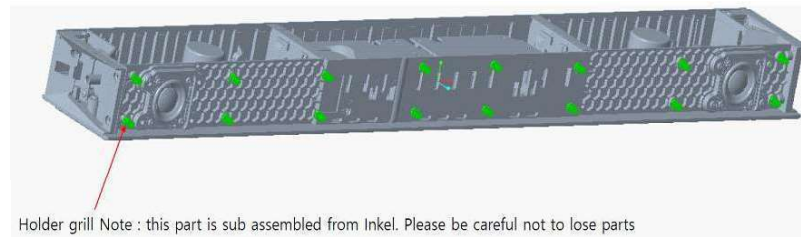
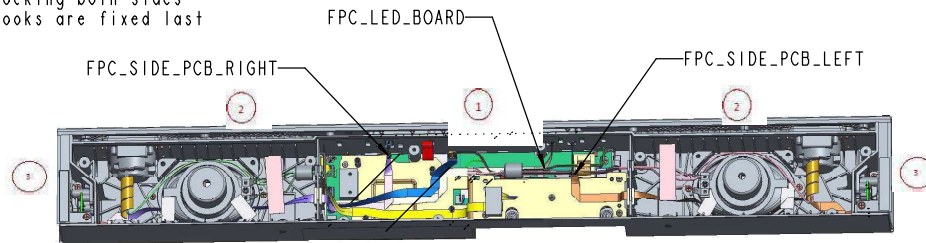
REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00			21-Dec-20	First official release	Jim Chen

Step 16:

- Snap the FPC_SIDE_PCB_RIGHT, FPC_LED_BOARD, FPC_SIDE_PCB_LEFT to LED board respectively as indicated
- Assemble the front cover to bottom cover.

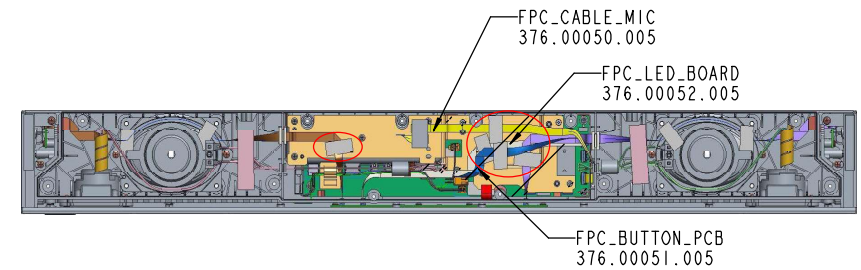
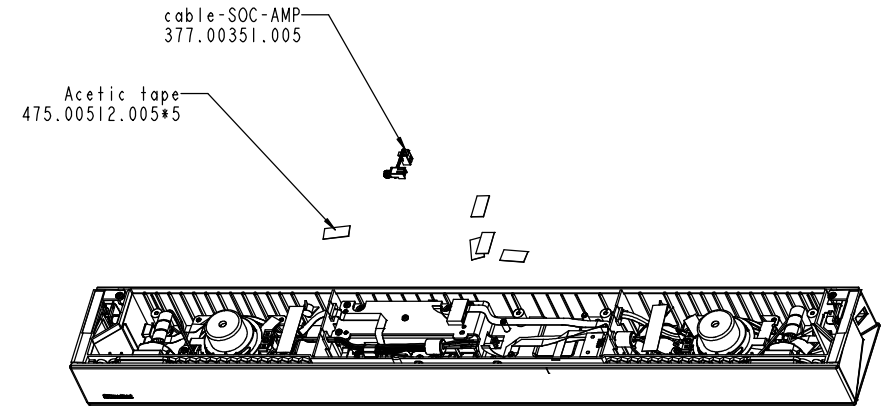


Assembly sequence:
Center align and locking first,
then locking both sides
Both hooks are fixed last

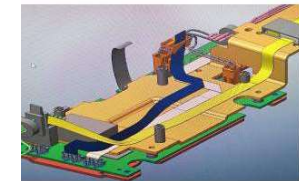
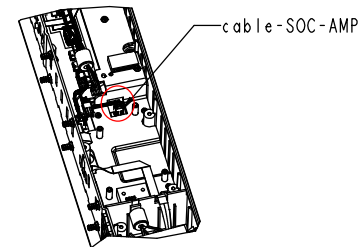


Step 17:

- Fix the FFC cable to heatspreader with 5 Acetic tapes.
- Snap the cable-SOC-AMP to SoC board as indicated



Please separate MIC FFC cable and button FFC cable routing from the die-casting.



MATERIAL (SPEC.)											SEE NOTES		SCALE 0.200		Foxconn Industrial Internet		
FINISH											SEE NOTES		SHEET 16/19		富士康工业互联网		
Select Dim	Lot	A	B	C	EPS	EPE	BAG	CTN	Label	USR	UNIT MM	PART NAME CASE_BOTTOM_ASSY					
0-6		0.05	0.05	0.10							0.20	SIZE A3	MODEL K18X001.00	PART NO.	DESIGNED Jim Chen		
6-30		0.10	0.15	0.20	0.50	0.50	3.00				0.20		CUSTOMER MODEL	CUSTOMER PART NO.	APPROVED		
30-120		0.15	0.20	0.30	0.50	0.50	5.00	2.00	0.25				Swan sound bar		Charge		
120-300		0.20	0.30	0.40	1.00	1.00	10.00	0.30	0.30								
300-450		0.25	0.40	0.50	2.00	2.00	15.00	0.50	0.50								
450-600		0.30	0.50	0.60	3.00	3.00	20.00	0.80	0.80								
DRAFT TOLERANCE		± 0.2°		CRITICAL DIM.		*											

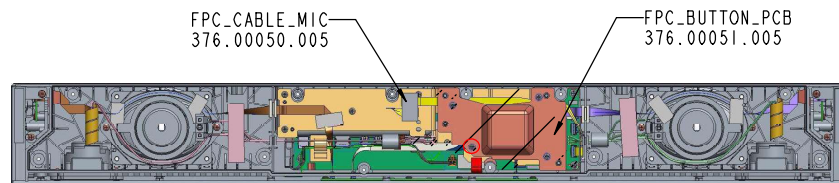
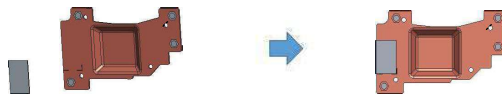
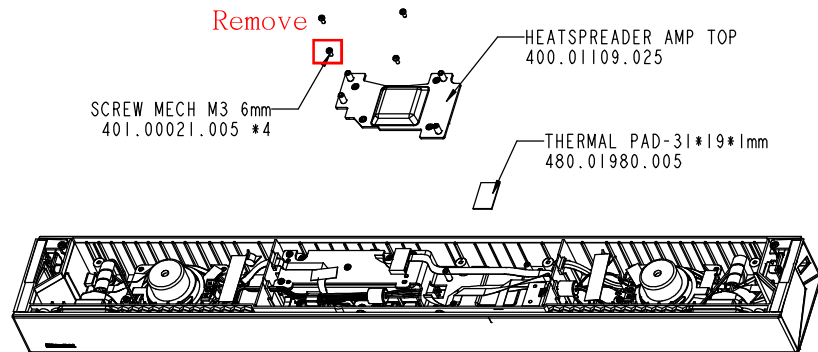
Fii Foxconn Industrial Internet
富士康工业互联网

REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00			21-Dec-20	First official release	Jim Chen

Step 18:

- Assemble the thermal pad to heatspreader.
- Fix the HEATSPREADER AMP TOP to HEATSPREADER SOC TOP with 4 screws as indicated.
Locking torque: 3.5 ± 0.5 kgf*cm.
- Fix the button FFC cable to HEATSPREADER with Acetic tape as indicated.

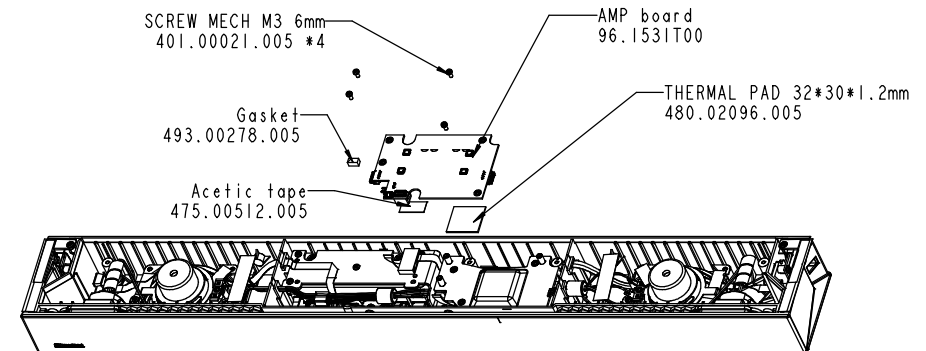
(Need to comfirm with customer and vendor)



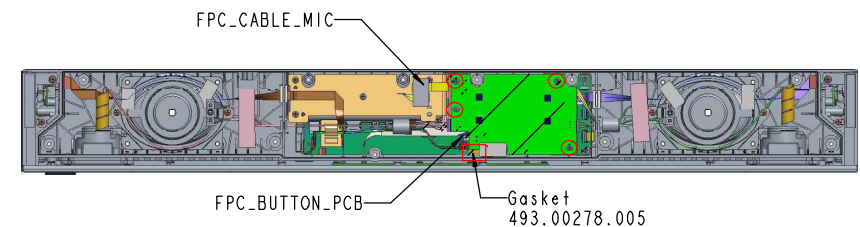
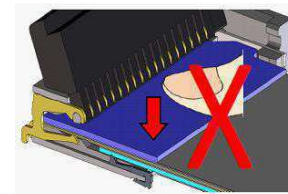
Please help to check that whether the FFC cable will be pressed after remove the screw.

Step 19:

- Fix the FFC cable to AMP board with Acetic tape and assemble the thermal pad to AMP board.
- Fix the AMP board to HEATSPREADER AMP TOP with 4 screws as indicated.
Locking torque: 3.5 ± 0.5 kgf*cm.
- Stick the sponge to AMP board, and stick the gasket on the MICRO USB.



Do not press the FFC cable during assembly



MATERIAL (SPEC.)										SEE NOTES		SCALE 0.200	 Foxconn Industrial Internet 富士康工业互联网		
FINISH										SEE NOTES		SHEET 17/19			
Select												UNIT MM	PART NAME 00-BFX-UA300-ASM-492		
Dim	1	A	B	C	EPS	EPE	BAG	CTN	Label	USR					
0-6		0.05	0.05	0.10					0.20						
6-30		0.10	0.15	0.20	0.50	0.50	3.00		0.20						
30-120		0.15	0.20	0.30	0.50	0.50	5.00	2.00	0.25						
120-300		0.20	0.30	0.40	1.00	1.00	10.00	0.30	0.30						
300-4500		0.25	0.40	0.50	2.00	2.00	15.00	0.50	0.50						
450-6000		0.30	0.50	0.60	3.00	3.00	20.00	0.80	0.80						
DRAFT TOLERANCE										±0.2°		CRITICAL DIM.		*	

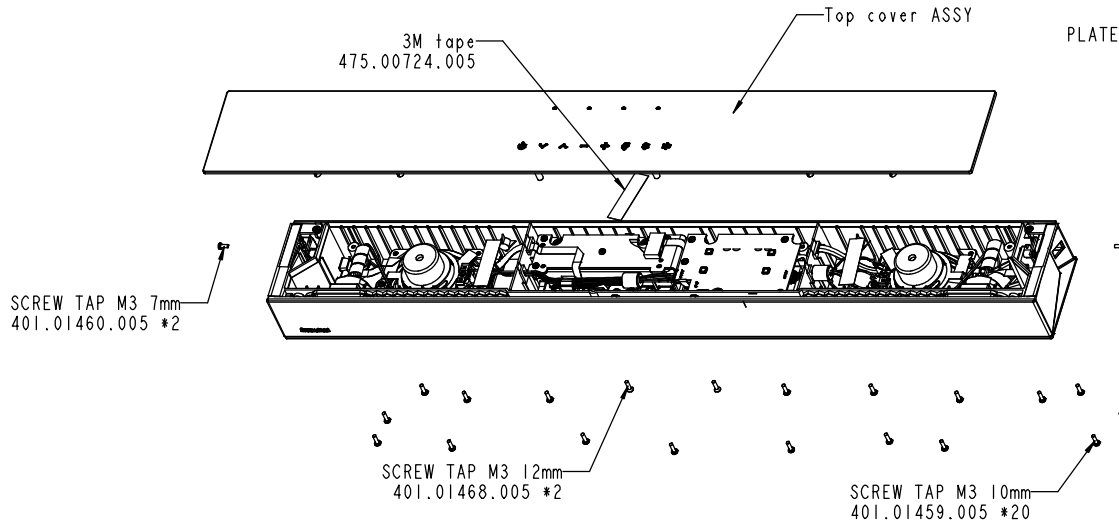
MATERIAL (SPEC.)													SEE NOTES		SCALE 0.250		 Foxconn Industrial Internet 富士康工业互联网					
FINISH													SEE NOTES		SHEET 18/19							
Select	A		B		C		EPS		EPE		BAG		CTN		Label		UNIT		PART NAME			
Dim	mm		mm		mm		mm		mm		mm		mm		mm		MM		CASE_BOTTOM_ASSY			
0-6	0.05		0.05		0.10										0.20							
6-30	0.10		0.15		0.20		0.50		0.50		0.50		0.50		0.20							
30-120	0.15		0.20		0.30		0.50		0.50		0.50		0.50		0.25		SIZE		MODEL			
120-300	0.20		0.30		0.40		1.01		0.01		0.01		0.03		0.30		A3		K18X001.00			
300-450	0.25		0.40		0.50		0.02		0.02		0.02		0.05		0.50				PART NO.			
450-600	0.30		0.50		0.60		0.03		0.03		0.03		0.05		0.80				DESIGNED			
DRAFT TOLERANCE													±0.2		CRITICAL DIM.		*				Jim Chen	
																					CUSTOMER MODEL	
																					CUSTOMER PART NO.	
																					APPROVED	
																					Swan sound bar	
																					Charge	

REV.	MARK	ECR/ECN NO.	DATE	UPDATE DESCRIPTION	SIGNATURE
00			21-Dec-20	First official release	Jim Chen

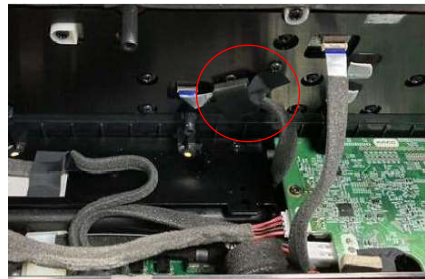
Step 21:

- Fix the ferrite core on the top cover with 3M tape.
- Fix the top cover to bottom cover with 22 screws as indicated.
Locking torque: 3.8-4.3 kgf*cm (Except for the specially marked torque).

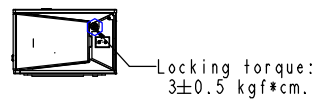
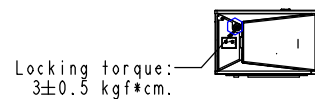
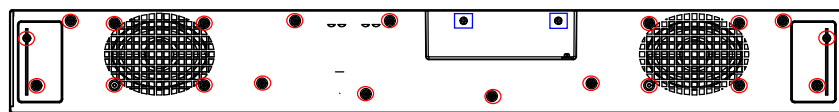
Change the torque from 3.8-4.3 kgf*cm to 3.5 ± 0.5 kgf*cm



Ferrite core should avoid screws

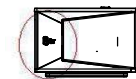
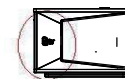
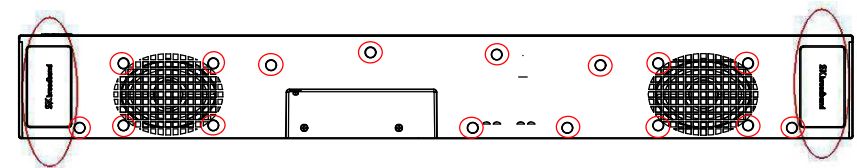
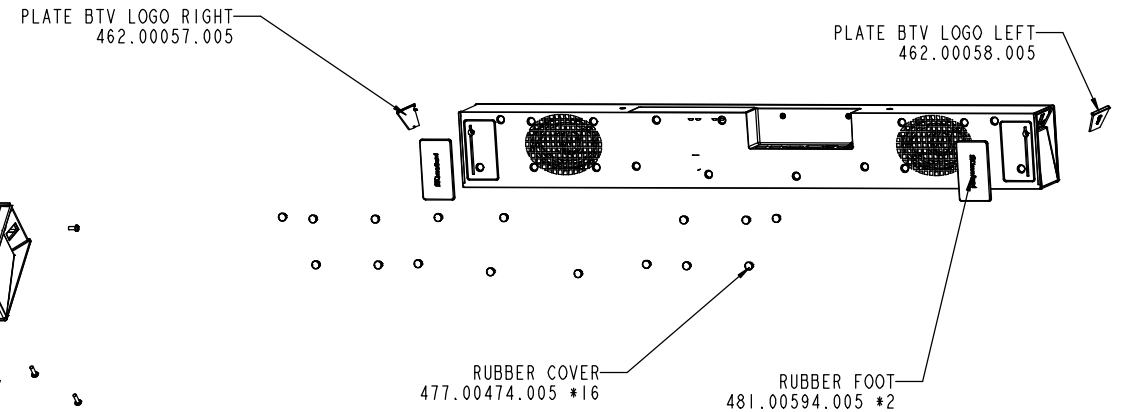


- Aline top and bottom housing
- Press gently from the center to each side



Step 22:

- Assemble the RUBBER FOOT, RUBBER COVER to bottom cover respectively as indicated.
- Assemble the PLATE BTV LOGO to bottom cover after all test pass.



MATERIAL (SPEC.)		SEE NOTES		SCALE	
FINISH		SEE NOTES		0.200	
Select		UNIT		SHEET	
Dim		MM		19/19	
0-6		SIZE		A3	
6-30		CUSTOMER MODEL		K18X001.00	
30-120		CUSTOMER PART NO.		CUSTOMER PART NO.	
120-300		DESIGNED		Jim Chen	
300-450		APPROVED		Charge	
450-600		DRAFT TOLERANCE		±0.2	
DRAFT TOLERANCE		CRITICAL DIM.		±0.2	

Foxconn Industrial Internet
富士康工业互联网

PART NAME			00-BFX-UA300-ASM_492		
MODEL		K18X001.00		DESIGNED	
CUSTOMER MODEL		Swan sound bar		APPROVED	
CUSTOMER PART NO.		CUSTOMER PART NO.		Charge	