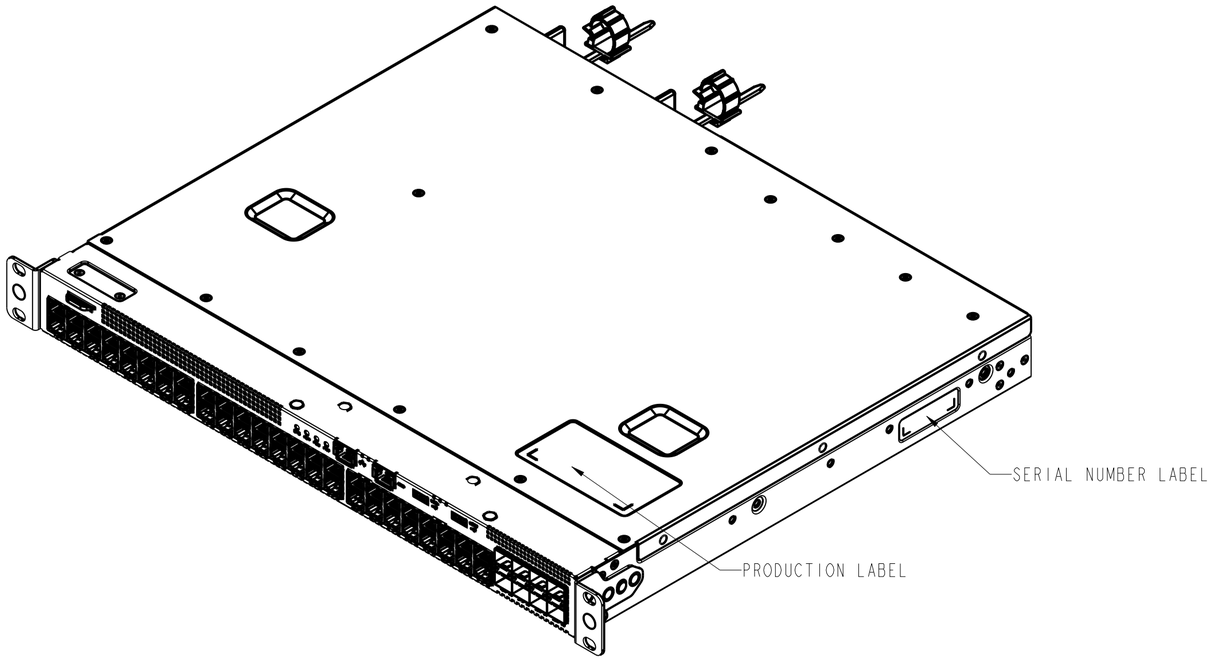
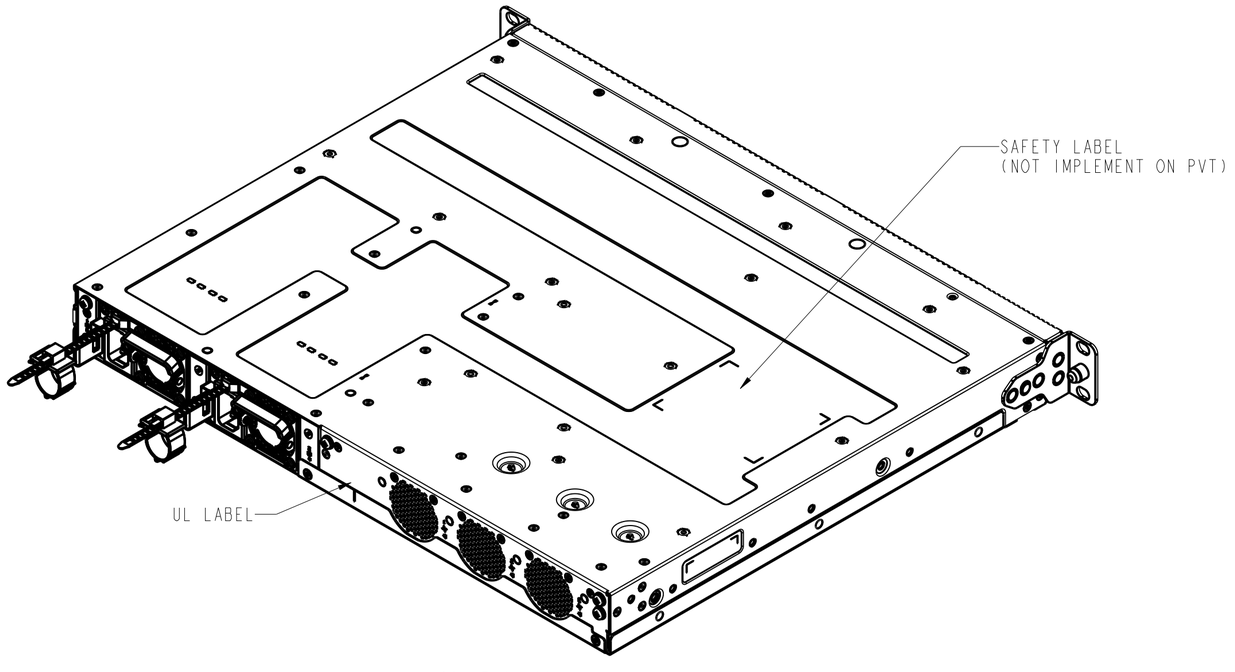
STATE OF M0 FULL SYSTEM

REV.	ECN NO.	DESCRIPTION	DATE	DESIGNED	APPROVED
01		INITIAL RELEASE FOR PVT	2021/11/25	Penn Pan	



SCALE 0.400



SCALE 0.400

NOTES: UNLESS OTHERWISE SPECIFIED.

1. ALL DIMENSIONS UNIT IS MM.DEFAULT TOLERANCE AFTER ASSEMBLY:
   ASSEMBLY TOLERANCE: +/- 0.25 WITHIN RANGE OF 0~<200MM.
   ASSEMBLY TOLERANCE: +/- 0.35 WITHIN RANGE OF 200~<400MM.
   ASSEMBLY TOLERANCE: +/- 0.50 WITHIN RANGE OF >400MM.
2. THE MANUFACTURING PROCESS OR HANDLING OF THIS MATERIAL REQUIRES SPECIAL HEALTH AND SAFETY PRECAUTIONS
3. PART SHALL BE FREE OF OIL, STAINS, OR OTHER CONTAMINANTS.
4. THE PARTS MUST COMPLY WITH EU ROHS.
5. NON-SERIALIZED LABEL TO BE LOCATED APPROXIMATELY AS SHOWN ON ASSEMBLY PART WILL CONTAIN PN,REV,PN BARCODE,MFG LOATION,AND MFG DATE.
6. THE ASSEMBLY DIMENSION FAI REPORT ARE REQUIRED FOR ALL LOT BUILD BEFORE SHIPMENT. FAI TO MEASURE 5 PCS SAMPLES (CNC OR HT) FOR ALL DIMENSIONS ON 2D DRAWING, AND INSPECT ALL MODULAR SLOTS AND CTF DIMENSIONS TO USE GO-NGO GUAGE.
7. THE ASSEMBLY CPK FOLLOWS 4-SIGMA STANDARD FOR HARD TOOLING PRODUCTION, AND MEASURE 32 PCS SAMPLES FOR CTF DIMENSIONS WITH OVAL MARKS ON ASSEMBLY DRAWING. IF CPK CAN NOT MEET 1.33, USE GO-NGO GUAGE TO INSPECT FOR EACH LOT SHIPMENT, BUT ALL CTF DIMENSION MEASUREMENT RESULT MUST BE WITHIN THE DESIGN SPEC.
8. All CTF DIMENSIONS AND CHASSIS BOTTOM FLATNESS ARE REQUIRED TO BE SAMPLING INSPECTED BY SUPPLIER AND CELESTICA MFG SITE IQC. AT LEAST, CTF DIMENSIONS (WITH OVAL MARKS) SHALL INCLUDE ALL SLOTS HEIGHT & WIDTH, CHASSIS HEIGHT & WIDTH, FUNCTIONAL FEATURE LOCATION & PITCH, ETC ON THE DRAWING.
9. ALL DEFORMING GAP BETWEEN EDGES OR SURFACES AFTER ASSEMBLY ARE PERMITTED MAX 0.3MM WHICH IS CAUSED BY SUPPLIER ASSEMBLY PROCESS IF NO DEFINITION IS FOUND ON THE DRAWING.
10. THE FINISHED PARTS ARE SUITABLY PROTECTED TO PREVENT THE DAMAGE OR DEFORMING DURING SHIPMENT.
11. CERTIFICATION OF COMPLIANCE, MATERIAL TYPE AND UL FLAME RATING SHALL BE PROVIDED IN PPAP REPORT.
12. ALL SCREW TORQUES ARE REQUIRED TO MARK ON THE DRAWING OR REFER TO THE TABLE OF RECOMMENDED TORQUE.
13. ALL COUNTERSUNK RIVETS OR SCREWS OR SWAGES SHALL BE FLUSH OR BELOW THE METAL SURFACE. RIVETS SHALL BE INSTALLED CORRECTLY TO ENSURE NO LOOSE MOVEMENT OR ROTATION.
14. PAINTING OR ARTWORK (IF APPLICABLE) SHALL BE ADDED ON INDICATED SURFACES. DETAIL INFORMATION IS AVAILABLE ON THE SEPARATE SPEC OR DRAWING.
15. ALL EXPOSED HOLES AND EDGES TO BE COINED FROM TOOLING TO INSURE SMOOTH WITHOUT BURRS, AND THE BURR OF NON-EXPOSED EDGE NOT EXCEED 10% MATERIAL
16. WHEN USING PRE-PLATED MATERIALS FOR METAL THICKNESS LESS THAN AND EQUAL TO 1.2MM, ONLY PERMIT TO HAVE THE NON-CONTINUOUS RUST ON CUTTING SURFACE WITH LESS THAN 20% OF SURFACE AREA WHERE END-USER CAN SEE THEM. ALL METAL THICKNESS OF OVER 1.2MM,THE OIL-BASED SILVER PAINTING (RoHS COMPLIANCE) IS PERMITTED TO USE ON CUTTING EDGES. ALSO THE WHOLE PART CAN BE ZINC PLATED, OR CLEAN-DRY PROCESS (ANTIRUST LIQUID SC-6008), OR BLACK PAINTING AS DRAWING DEFINITION. THICKNESS IF NOT SPECIFIED ON 2D DRAWING.
17. ALL EXPOSED EDGES MUST MEET THE SAFE HANDLING REQUIREMENTS SPECIFIED IN UL 1439. IN ADDITION, INDICATED EDGES MUST ALSO NOT CUT THROUGH THE FIRST LAYER OF THE TESTER (EXPOSING THE WHITE LAYER).
18. PLEASE FOLLOW THE 3D CAD FILE FOR COMPLETE PART INFORMATION TO MAKE TOOLING.
19. FULL LOADING SYSTEM SAG&BOW NEEDS TO MEET THE HEIGHT REQUIREMENT OF 1U, TOP BOW: 0.2MAX; BOTTOM SAG: 0.4MAX.
20. THE AREA WHERE EMI GASKET IS PASTEDTHE, THE CONTACT AREA BETWEEN THE IRON PARTS; NEED TO BE COVERED AVOID PAINTING SPILL.
21. THIS DRAWING IS FOR ASSEMBLY REFERENCE. PLEASE SUBJECT TO ENOVIA BOM FOR PARTS AND QUANTITY WHICH NEED TO INSTALL.

NO.	MODEL NAME	DESCRIPTION	QTY	REMARK/USAGE
19	R3059-F0012-01	ASSY,ACCESSORY,KIT,EAR,M0	1	INCLUDES 2 PAIRS OF EAR AND 8 SCREWS
18	G721-01111-01	SCREW,M3XL4,TI0,FLAT,ZINC,NYLOK	27	CHASSIS&COVER
17	G340-10238-01	SCREW,M3L8,PANHEAD,WITH WASHER	13	SW PCB/CHASSIS
16	G340-11015-01	HDW,M3.8 SCREW FOR FAN ,SILVER	12	LOCK FAN
15	R3059-C0001-01	CABLE,FOR IO BOARD,180MM	1	
14	G301-10084-01	PS,550W,80+PLATINUM,AC AND HVDC IN,12V/12VSB OUT,185MM*73.5MM*40MM	2	
13	R3059-FN001-01	FAN,DIMENSION 40MM*40MM*28MM,4PIN PWM,26500RPM,12V,2A,68.5DBA F-B	3	
12	G721-03093-01	SCREW,M3X0.5X6,PH,PAN,ST,NYLOK	3	FRT PCB WITH PANEL
11	R3059-D0001-02	MYLAR, FRONT, PCB, M0	1	
10	R3059-B0002-03	PCB,BELGIT IO BOARD,165MMX54MM,1.6MM,4L,SI000-12M,OSP	1	
9	G721-03052-01	SCREW,M3X0.5X6,PH,PAN,ST,ZC,NYLON	1	M2 card screw
8	G321-10107-01	DD,SSD,64GB,SATAIII,530MB/S READ,360MB/S WRITE,M_SATA,ISLC	1	
7	R3059-E0014-01	HDW,SPACER,M2.5 INSIDE,M3 OUTSIDE,L8	4	
6	R3059-G0005-01	PCA,DENVERTON REFLASH,C3538 4C,COM-E BOARD	1	
5	R3059-D0002-01	CLIP, CABLE, FRONT IO, SW, PCB, M0	1	
4	G330-10071-01	HS,DIMENSION 17MM*17MM*20.5MM,MATERIAL:AL,ADHESIVE HS	3	
3	R3059-HS187-01	HS,70MMX80MMX12.7MM,29_FINNS,ALUMINUM,GAP GREASE,PUSH PIN	1	
2	R3059-G0001-02	PCA,M0 SWITCH BOARD,DVT	1	
1	R3059-F0001-03	ASSY,CHASSIS,L5,1U, SWITCH, M0	1	

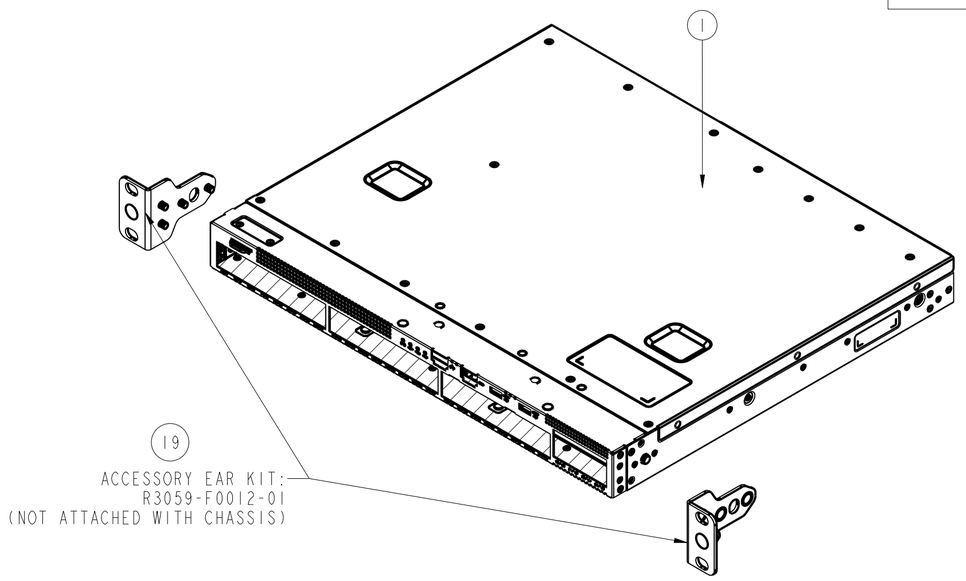
THIS DOCUMENT IS THE PROPERTY OF CELESTICA. ITS USE IS AUTHORISED FOR RESPONDING TO A REQUEST FOR QUOTATION OR FOR THE PERFORMANCE OF WORK FOR CELESTICA. ALL QUESTIONS MUST BE REFERRED TO THE CELESTICA PURCHASING DEPARTMENT.

Celestica
GDS (GLOBAL DESIGN SERVICE)

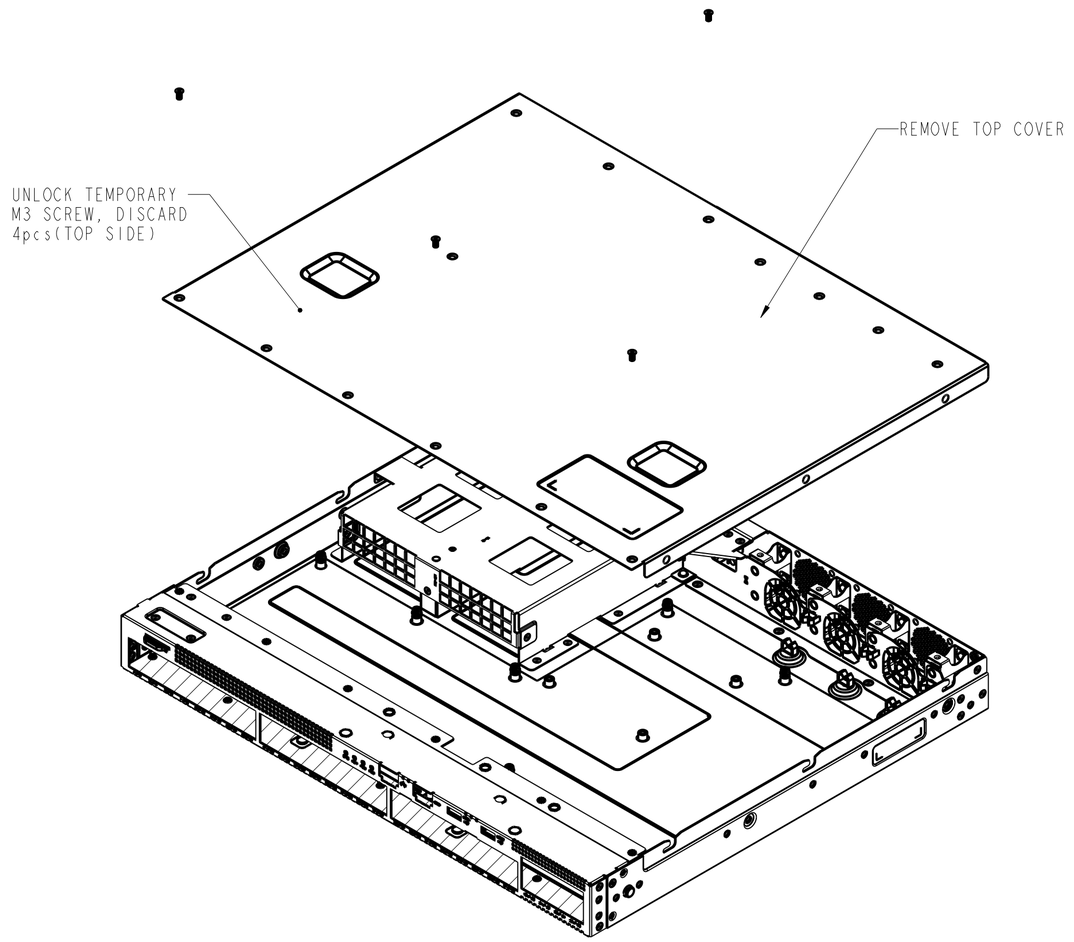
SIZE	3RD ANGLE	NOT TO SCALE
A2		UNIT: MM

DESCRIPTION	DOC,ASSY,M0 SWITCH,48GE AND 8SFP PLUS,1 RU,F2B,WB & BRCM,PVT			SHEET	1/4
PART NUMBER	R3059-F9010-01-ME	REV./VER.	01/.0		

* DISASSEMBLE CHASSIS BEFORE INSTALLING SYSTEM *

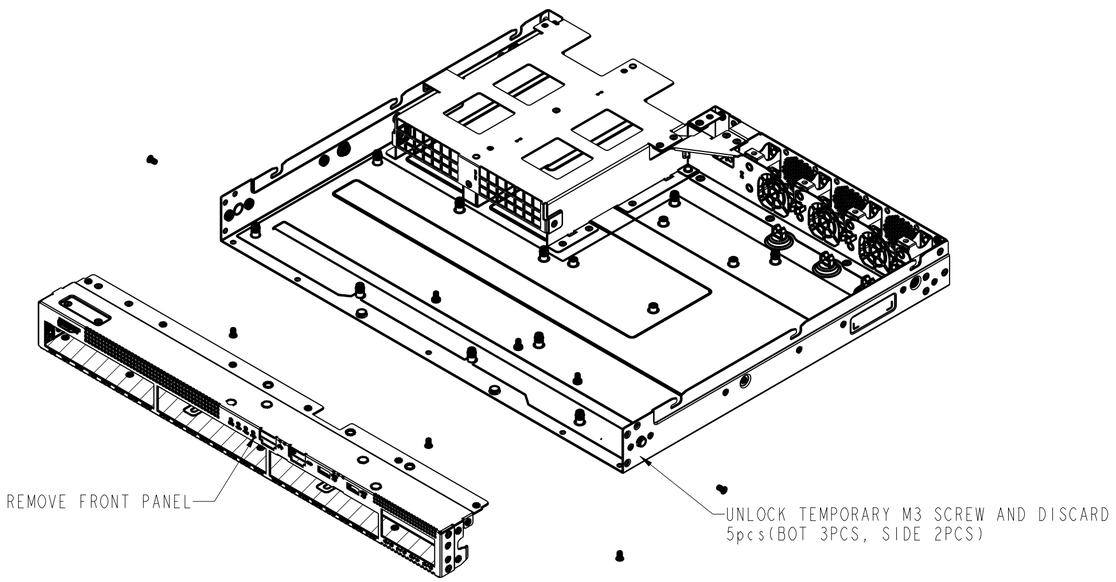


CHASSIS BEFORE DISASSEMBLEY
(VENDOR SHIPMENT STATUS)



SCALE 0.350

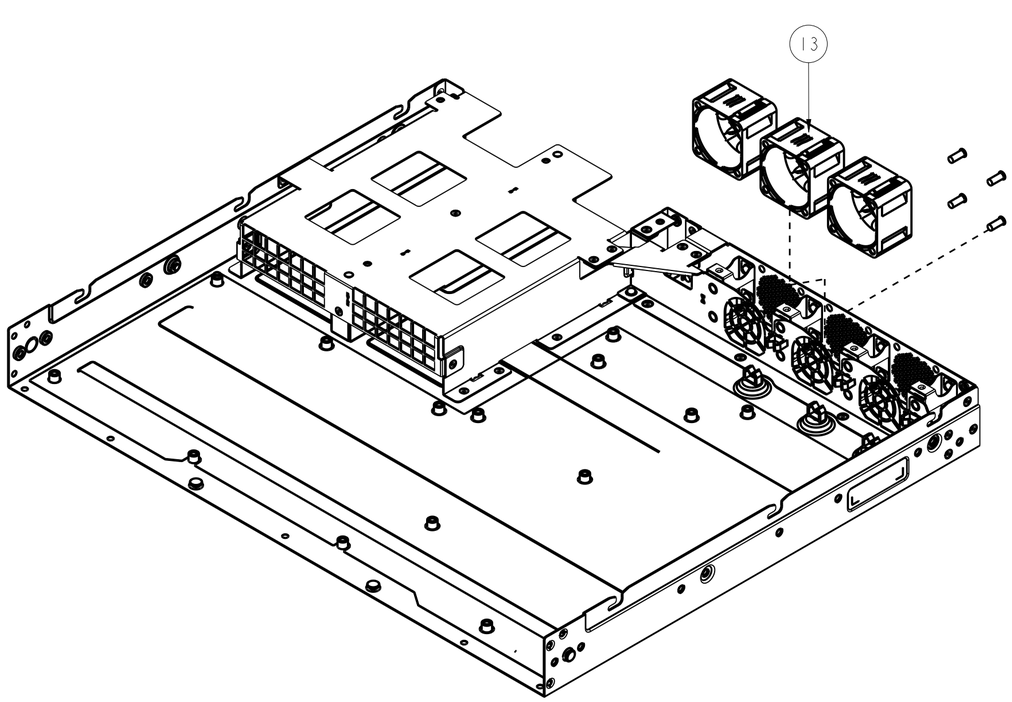
CHASSIS DISASSEMBLE STEP 1 : REMOVE TOP COVER



CHASSIS DISASSEMBLE STEP 2 : REMOVE FRONT PANEL

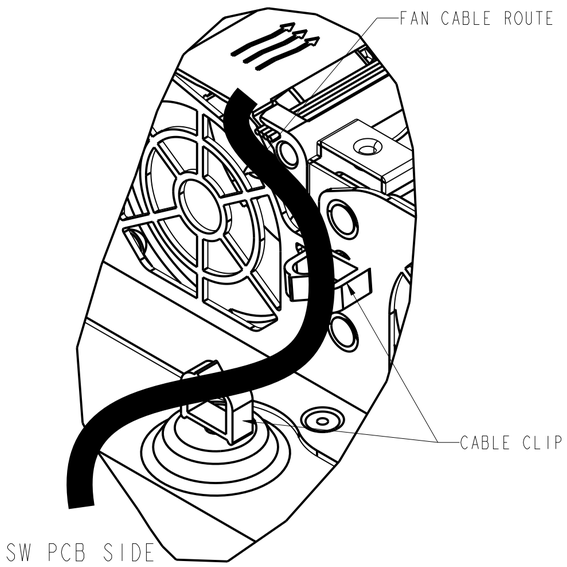
Celestica
GDS (GLOBAL DESIGN SERVICE)

DESCRIPTION			
DOC,ASSY,M0 SWITCH,48GE AND 8SFP PLUS,1 RU,F2B,WB & BRCM,PVT			
SIZE A2	PART NUMBER R3059-F9010-01-ME	REV./VER. 01/.0	SHEET 2/4

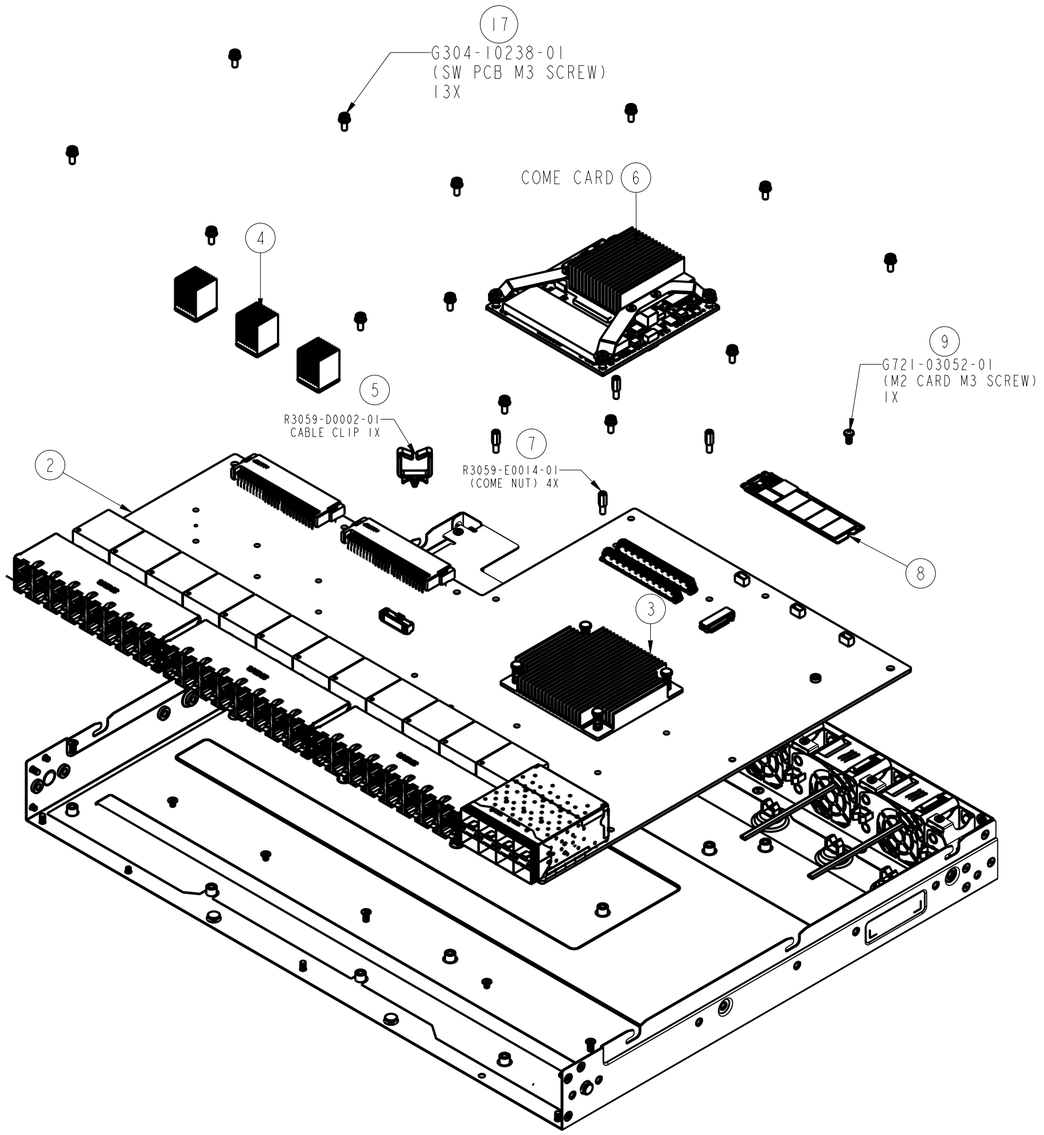


SCALE 0.400

SYSTEM INSTALL STEP 1 : INSTALL FAN 3X



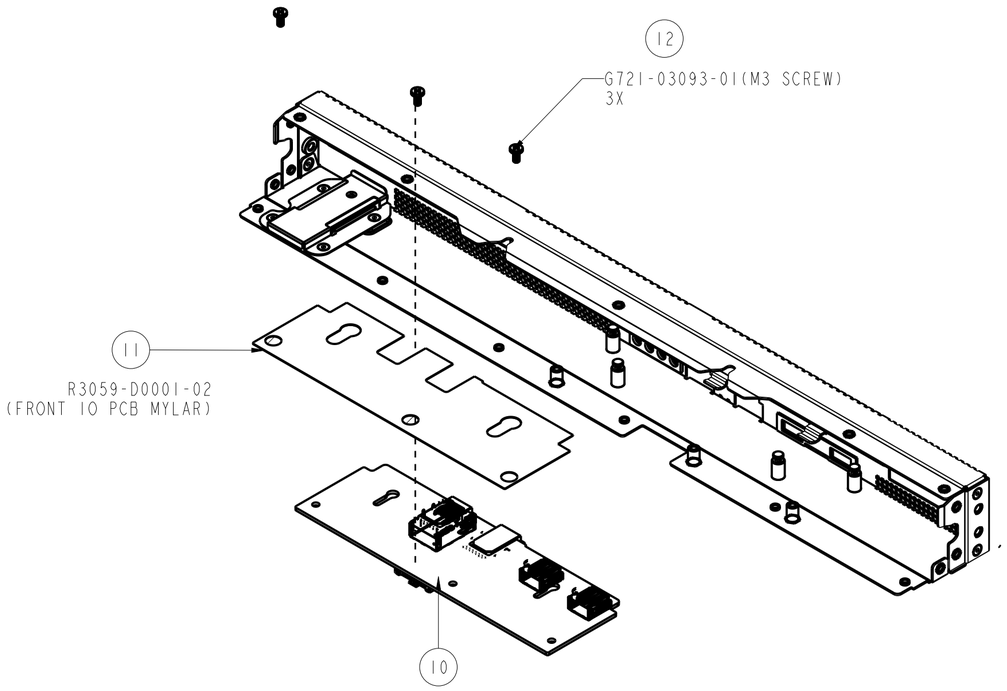
FAN CABLE ROUTING



SYSTEM INSTALL STEP 2 :
INSTALL SW BOARD AND ATTCHED RELATED PARTS

Celestica
GDS (GLOBAL DESIGN SERVICE)

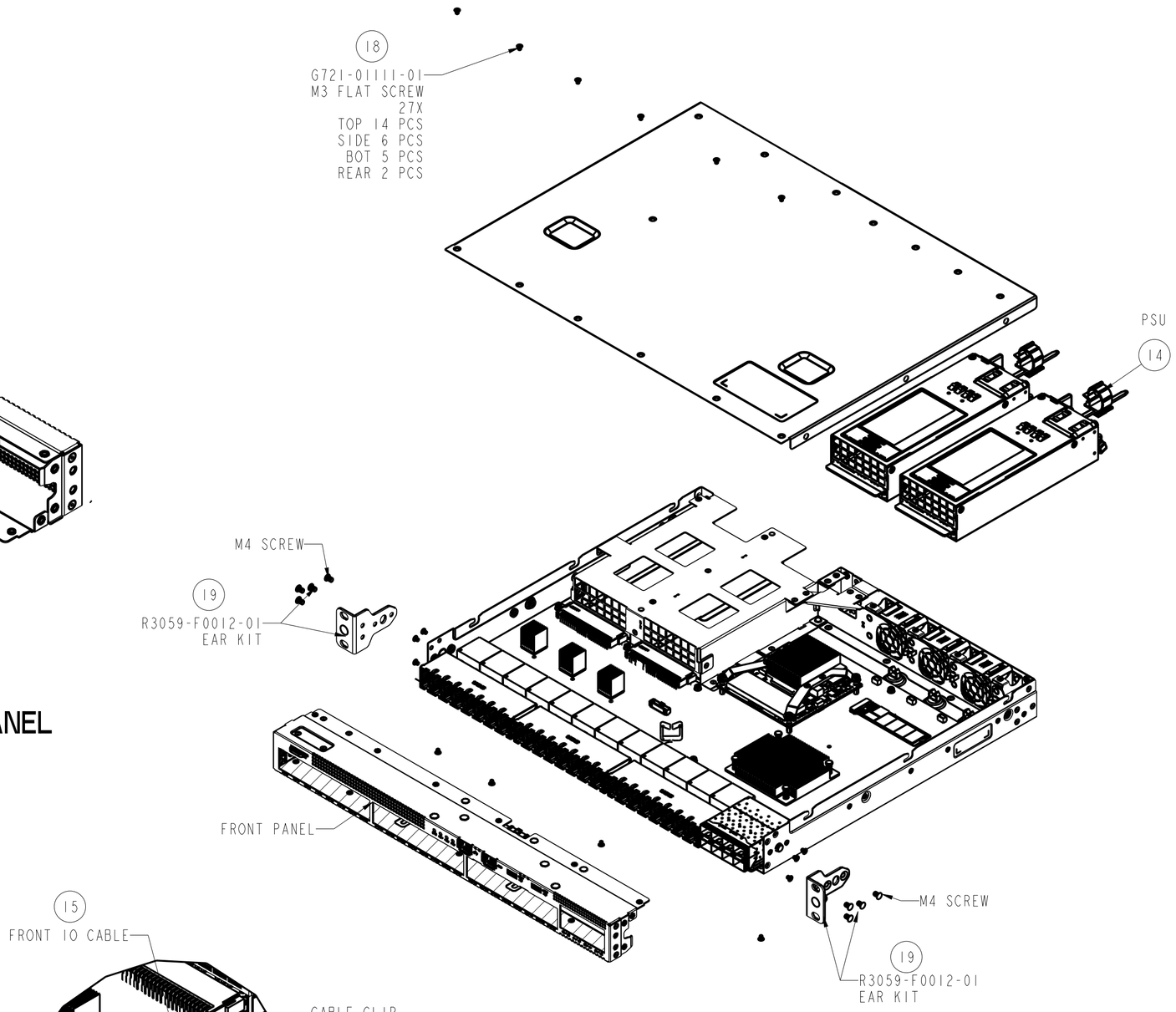
DESCRIPTION			
DOC,ASSY,M0 SWITCH,48GE AND 8SFP PLUS,1 RU,F2B,WB & BRCM,PVT			
SIZE	PART NUMBER	REV./VER.	SHEET
A2	R3059-F9010-01-ME	01/.0	3/4

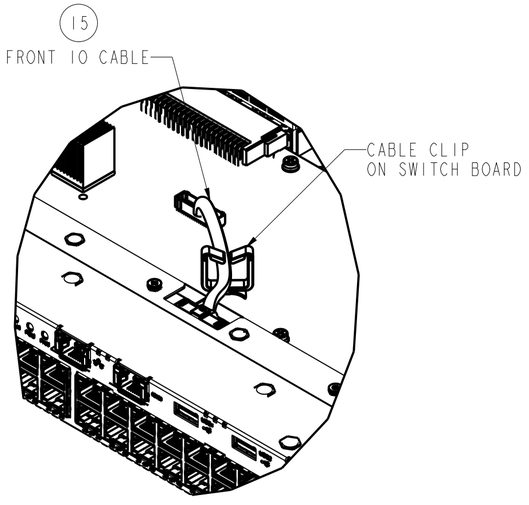


SYSTEM INSTALL STEP 3 :

INSTALL FRONT IO BOARD ONTO FRONT PANEL

STATUS AFTER ALL INSTALLED
(TOP CVR TRANSPARENT, FOR REFERENCE)





FRONT IO CABLE CABLE ROUTING

SYSTEM INSTALL STEP 4:

4.1 INSTALL FRONT PANEL/PSU/CABLE ROUTING
4.2 LOCK ENCLOSURE/EAR KIT WITH INDICATED SCREW

Celestica
GDS (GLOBAL DESIGN SERVICE)

DESCRIPTION			
DOC,ASSY,MO SWITCH,48GE AND 8SFP PLUS,1 RU,F2B,WB & BRCM,PVT			
SIZE	PART NUMBER	REV./VER.	SHEET
A2	R3059-F9010-01-ME	01/.0	4/4