

DO NOT
SCALE FROM
THIS PRINT

CABLE STYLE
-01: 3492

CABLE LENGTH
-XX.X (INCHES)
04.0 MIN
(SEE NOTE 4)

END 2
-1: QTY 1 ARM6-02
-2: QTY 1 NVAC 2x1

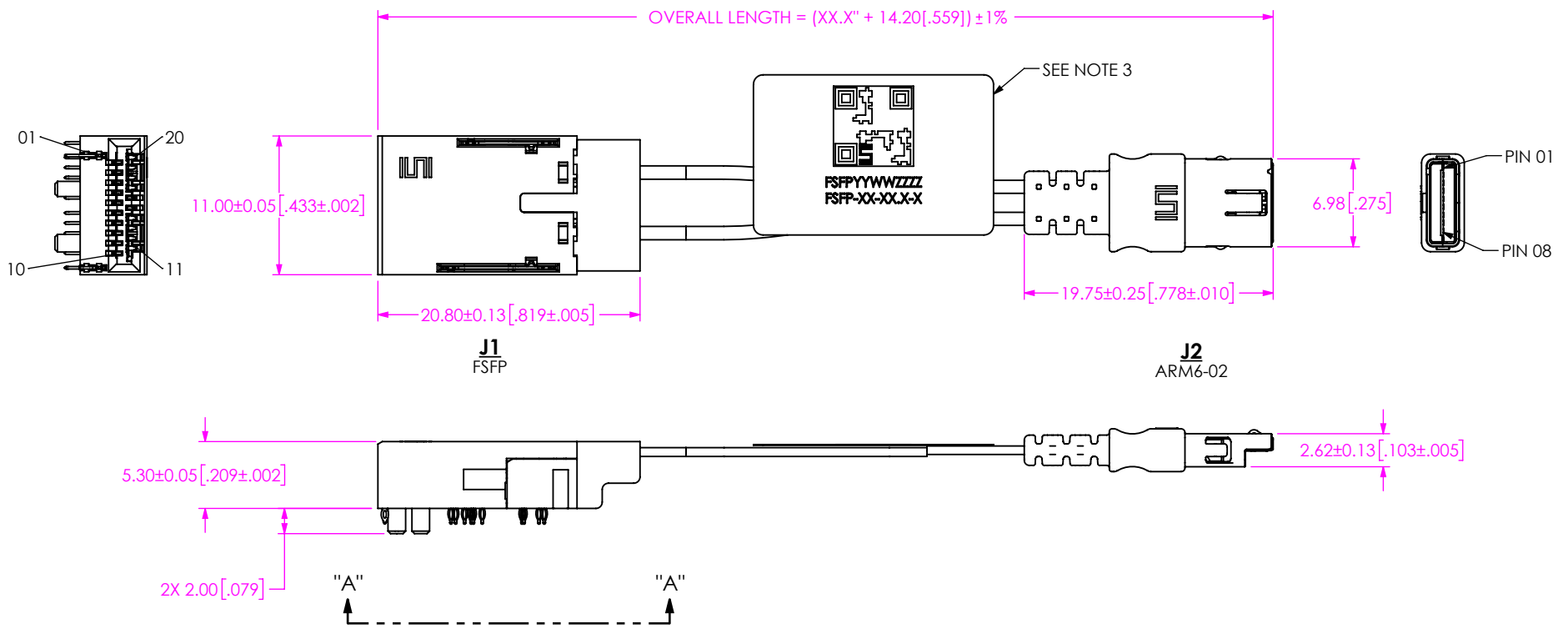


FIG 1
FSFP-01-XX.X-T SHOWN

NOTES:

- REFER TO FSFP-XX-XX.X-X-FOOTPRINT FOR END 1 FOOTPRINT.
- HDRL-11 TO BE CENTERED ON CABLE AS SHOWN. LABEL TO CONTAIN:
QR CODE: AS SHOWN & INCLUDING IN ONE LINE: FQSFDP8YYWWZZZ
WHERE YY = YEAR; WW = WEEK; ZZZZ = UNIQUE IDENTIFIER
LINE 1 - SERIAL NUMBER: "FSFPYYWWZZZ"
LINE 2 - PART NUMBER: "FSFP-XX-XX.X-X"
- FSFP END PACKAGED IN PROTECTIVE CAP SEE FIGURE 2 SHT 2.
- MAX STANDARD CABLE LENGTH IS 5 METERS.
FOR LENGTHS GREATER THAN 5 METERS, CONTACT HDR@SAMTEC.COM.

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<p>DO NOT SCALE DRAWING SHEET SCALE: 2:1</p>		<p>DESCRIPTION: FSFP ASSEMBLY</p>	
<p>MATERIAL: INSULATOR: LCP WELD TAB: COPPER ALLOY STAMPING: COPPER ALLOY PLATING: 30µ" SELECTIVE GOLD IN CONTACT AREA</p>		<p>DWG. NO. FSFP-XX-XX.X-X</p>	
<p>BY: EVE L</p>		<p>05/06/2023 SHEET 1 OF 7</p>	

TABLE 2
SIGNAL MAPPING TO ARM 6-02 (END 2 OPTION -1)

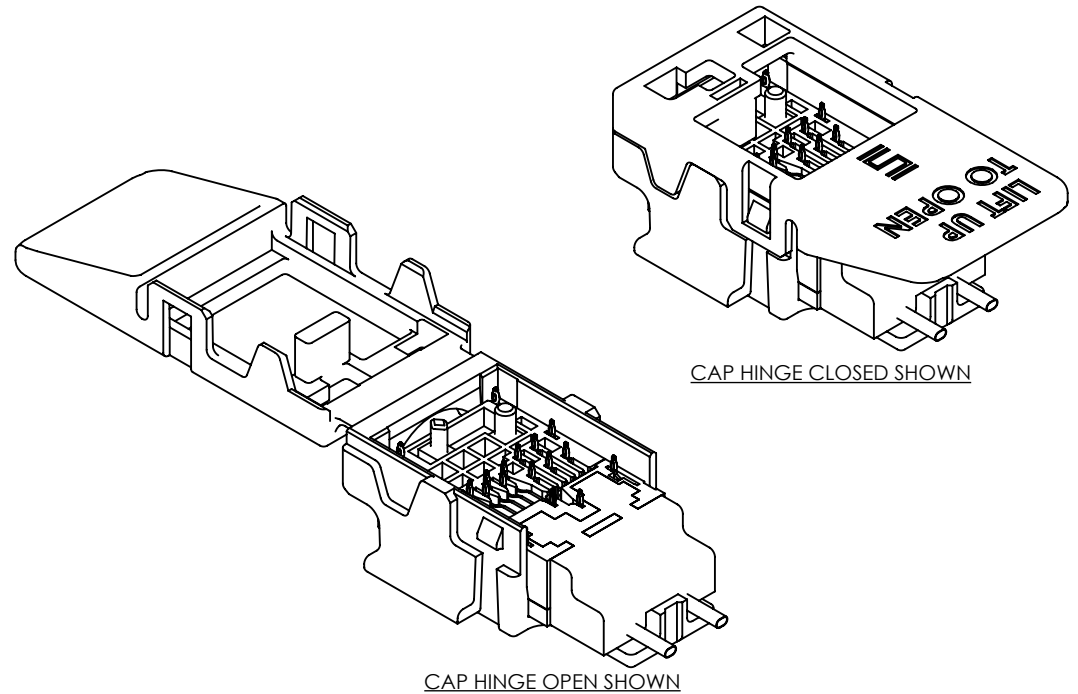
J1	TYPE	J2	J1	TYPE	J2
1	GND	NC	11	GND	
2	TxFault	NC	12	RD-	7
3	TxDisable	NC	13	RD+	6
4	SDA	NC	14	GND	
5	SCL	NC	15	VccR	NC
6	Mod_ABS	NC	16	VccT	NC
7	Speed1	NC	17	GND	
8	RxLOS	NC	18	TD+	3
9	Speed2	NC	19	TD-	2
10	GND	NC	20	GND	

1, 4, 5 8 OF J2 ARE GND

ALL GROUNDS ARE COMMON AND TIED TO CABLE SHIELD

ALL NC NETS DO NOT TRANSMIT THROUGH CABLE,
THEY WILL ROUTE THROUGH CUSTOMER PCB

ON THE MATING BOARD ASSEMBLY, SAMTEC RECOMMENDS
IMPLEMENTING A
GND REFERENCE TYING ALL GND'S TOGETHER



NET COUNT

TYPE	NETS	POINTS
POINT TO POINT	4	8
GND	1	8
NC	0	12

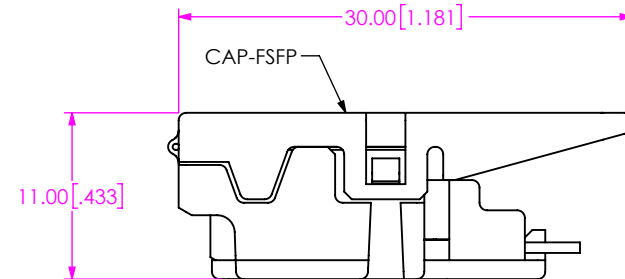
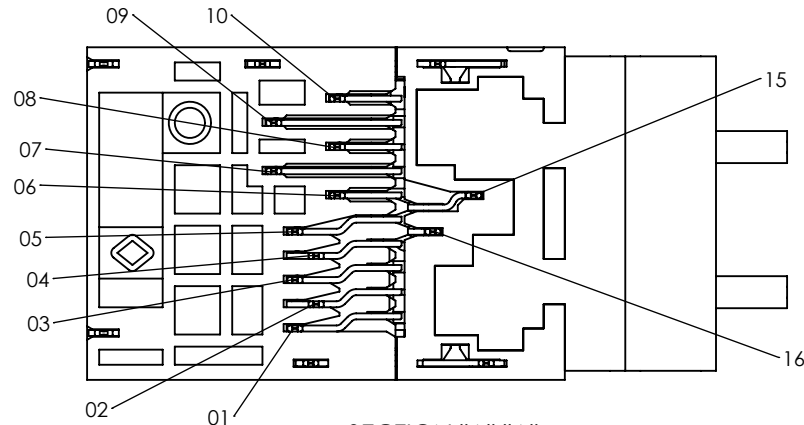


FIG 2
CAP VIEW FOR END 1



SECTION "A"-A"
SCALE 4 : 1
(SHOW J1 ONLY)

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	DESCRIPTION: FSFP ASSEMBLY DWG. NO. FSFP-XX-XX.X-X
SHEET SCALE: 2:1 DO NOT SCALE DRAWING	BY: EVE L 05/06/2023 SHEET 2 OF 7

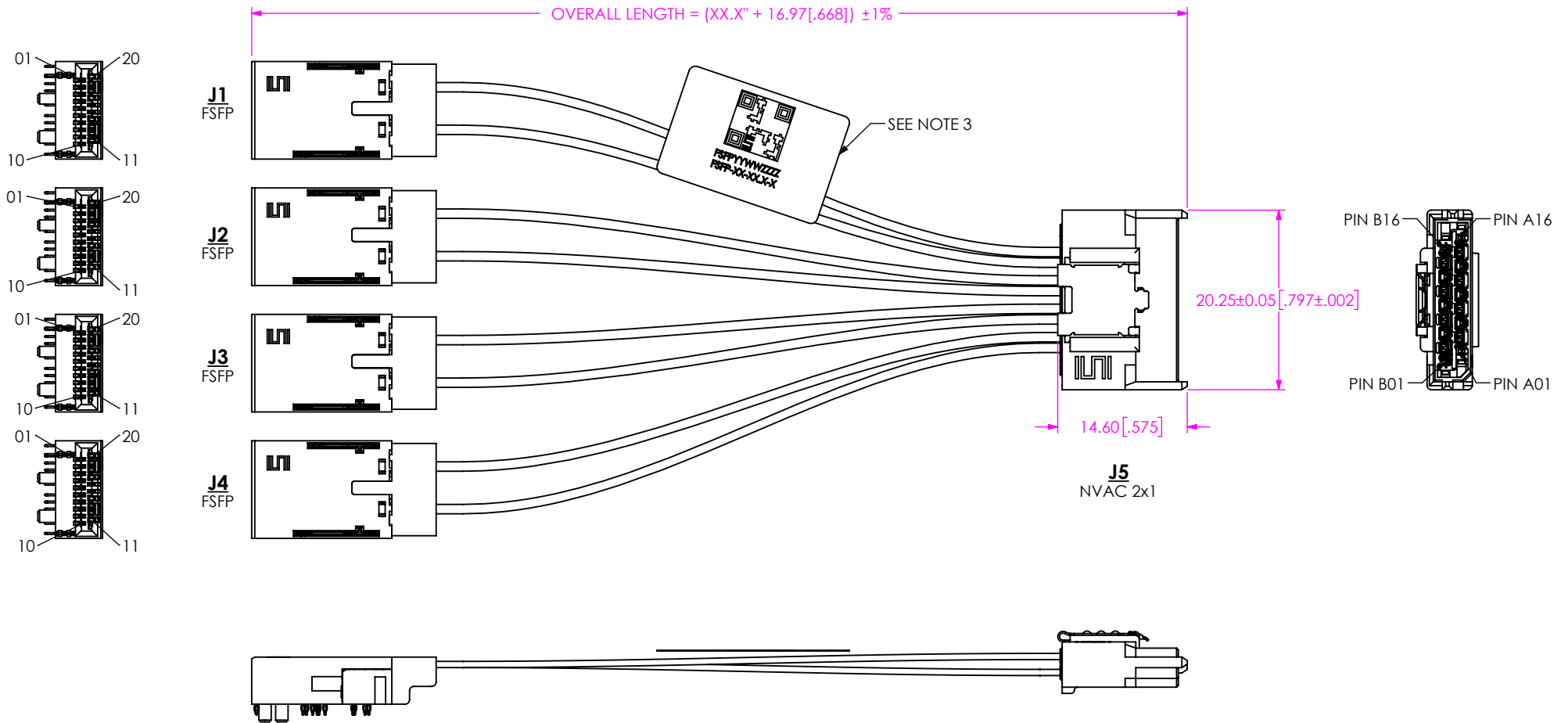


FIG 3
 FSFP-01-XX.X-2 SHOWN
 (SAME AS FIG 1, EXCEPT AS SHOWN)

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DESCRIPTION:	FSFP ASSEMBLY
DWG. NO.	FSFP-XX-XX.X-X
BY: EVE L	05/06/2023 SHEET 3 OF 7

TABLE 3											
SIGNAL MAPPING TO NVAC 2x1 (END 2 OPTION -2)											
J1	NAME	J5	J2	NAME	J5	J3	NAME	J5	J4	NAME	J5
1	GND	NC	1	GND	NC	1	GND	NC	1	GND	NC
2	TxFault	NC	2	TxFault	NC	2	TxFault	NC	2	TxFault	NC
3	TxDisable	NC	3	TxDisable	NC	3	TxDisable	NC	3	TxDisable	NC
4	SDA	NC	4	SDA	NC	4	SDA	NC	4	SDA	NC
5	SCL	NC	5	SCL	NC	5	SCL	NC	5	SCL	NC
6	Mod_ABS	NC	6	Mod_ABS	NC	6	Mod_ABS	NC	6	Mod_ABS	NC
7	Speed1	NC	7	Speed1	NC	7	Speed1	NC	7	Speed1	NC
8	RxLOS	NC	8	RxLOS	NC	8	RxLOS	NC	8	RxLOS	NC
9	Speed2	NC	9	Speed2	NC	9	Speed2	NC	9	Speed2	NC
10	GND	NC	10	GND	NC	10	GND	NC	10	GND	NC
11	GND		11	GND		11	GND		11	GND	
12	RD-	B14	12	RD-	B10	12	RD-	B06	12	RD-	B02
13	RD+	B15	13	RD+	B11	13	RD+	B07	13	RD+	B03
14	GND		14	GND		14	GND		14	GND	
15	VccR	NC	15	VccR	NC	15	VccR	NC	15	VccR	NC
16	VccT	NC	16	VccT	NC	16	VccT	NC	16	VccT	NC
17	GND		17	GND		17	GND		17	GND	
18	TD+	A14	18	TD+	A10	18	TD+	A06	18	TD+	A02
19	TD-	A15	19	TD-	A11	19	TD-	A07	19	TD-	A03
20	GND		20	GND		20	GND		20	GND	
A01, A04, A05, A08, A09, A12, A13, A16, B01, B04, B05, B08, B09, B12, B13, B16 OF J5 ARE GND											
ALL GROUNDS ARE COMMON AND TIED TO CABLE SHIELD											
ALL NC NETS DO NOT TRANSMIT THROUGH CABLE, THEY WILL ROUTE THROUGH CUSTOMER PCB											
ON THE MATING BOARD ASSEMBLY, SAMTEC RECOMMENDS IMPLEMENTING A GND REFERENCE TYING ALL GND'S TOGETHER											

NET COUNT		
TYPE	NETS	POINTS
POINT TO POINT	16	32
GND	1	32
NC	0	48

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 BY: EVE L 05/06/2023 SHEET 4 OF 7

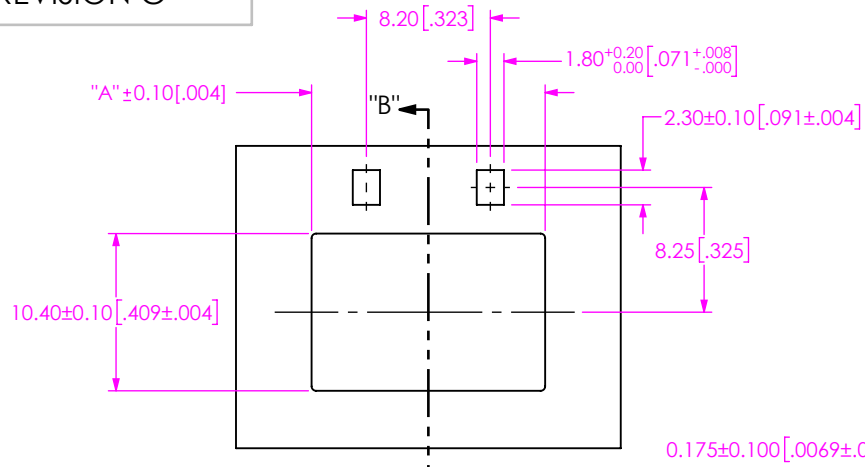
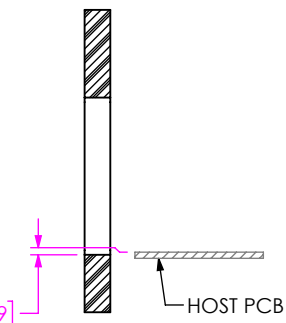


FIG 5
RECOMMENDED PANEL OPENING FOR SFPC-X-X-X-XX-F

TABLE 4	
No OF PORTS	"A"
-1	15.45 [.608]
-2	29.70 [1.169]



SECTION "B"-"B"

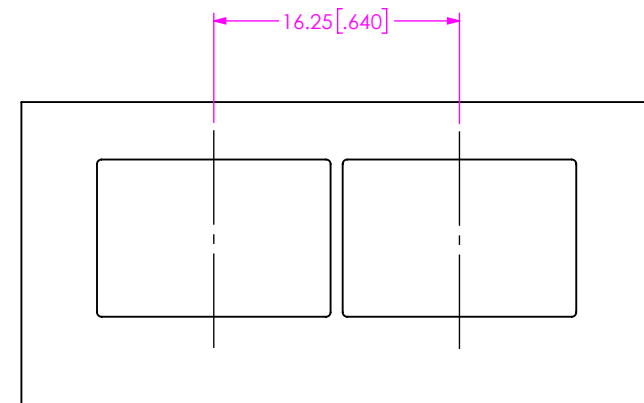


FIG 6
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 6)

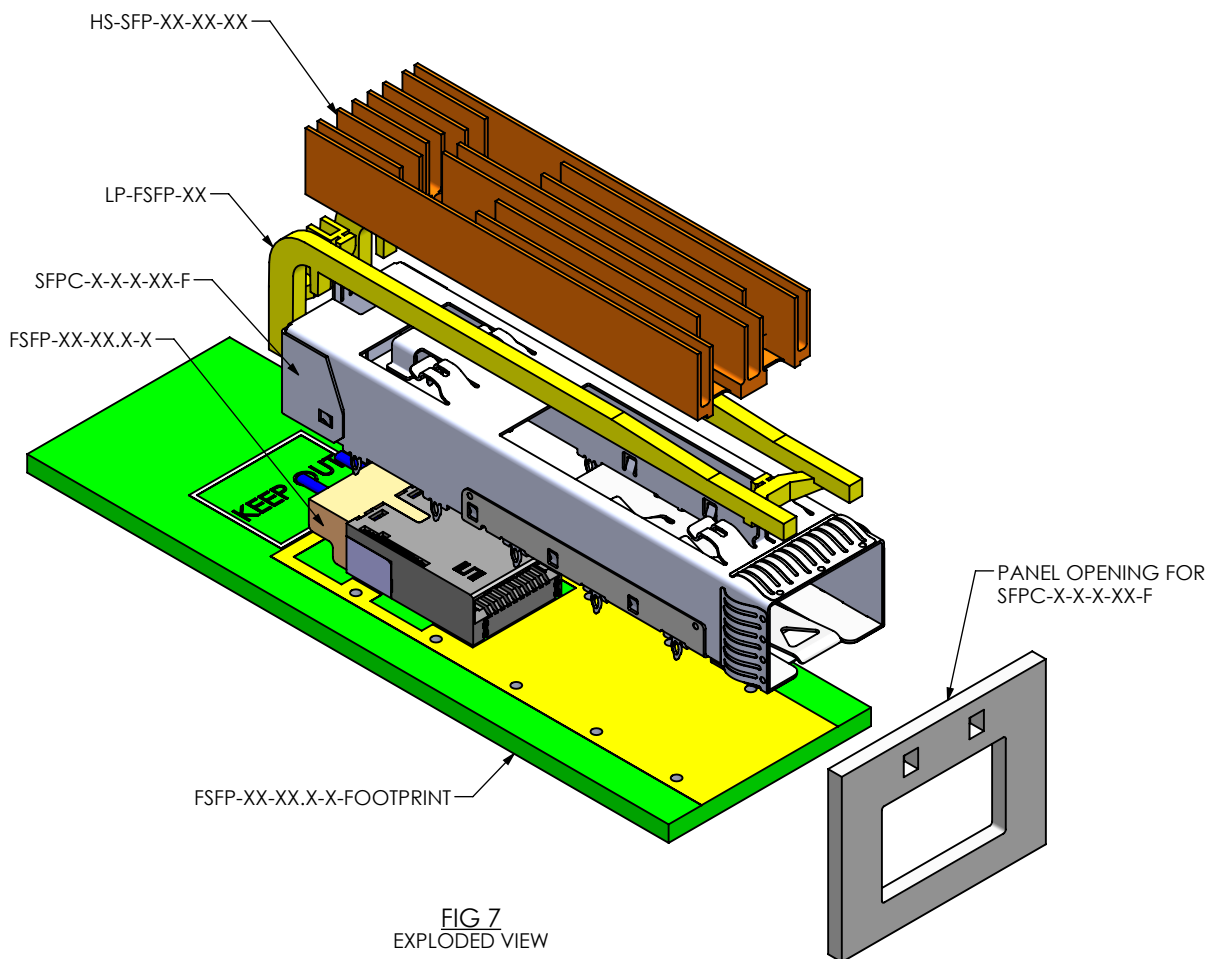


FIG 7
EXPLODED VIEW

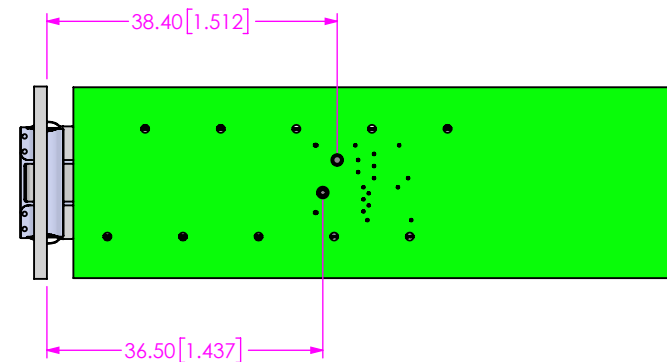


FIG 8
APPLICATION VIEW

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FSFP-XX-XX.X-X

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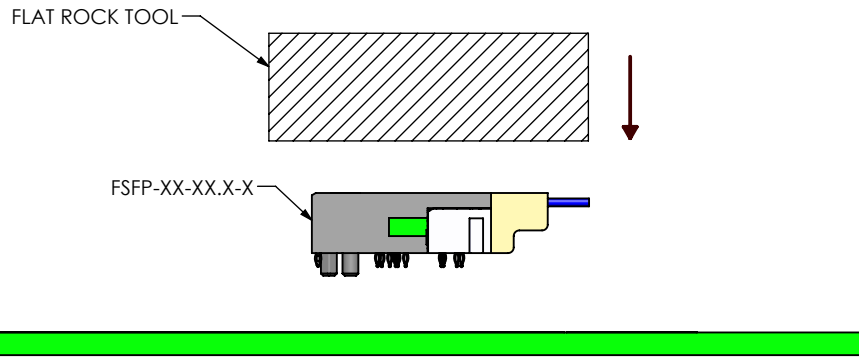


FIG 9
CONNECTOR PRESS

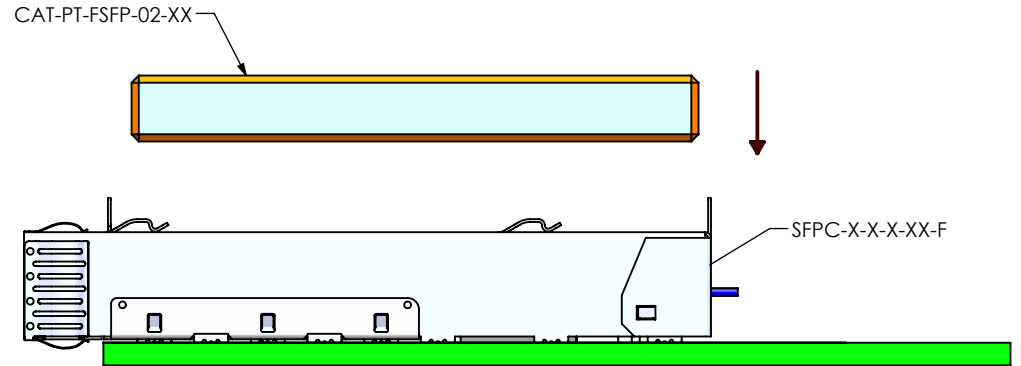


FIG 10
CAGE PRESS

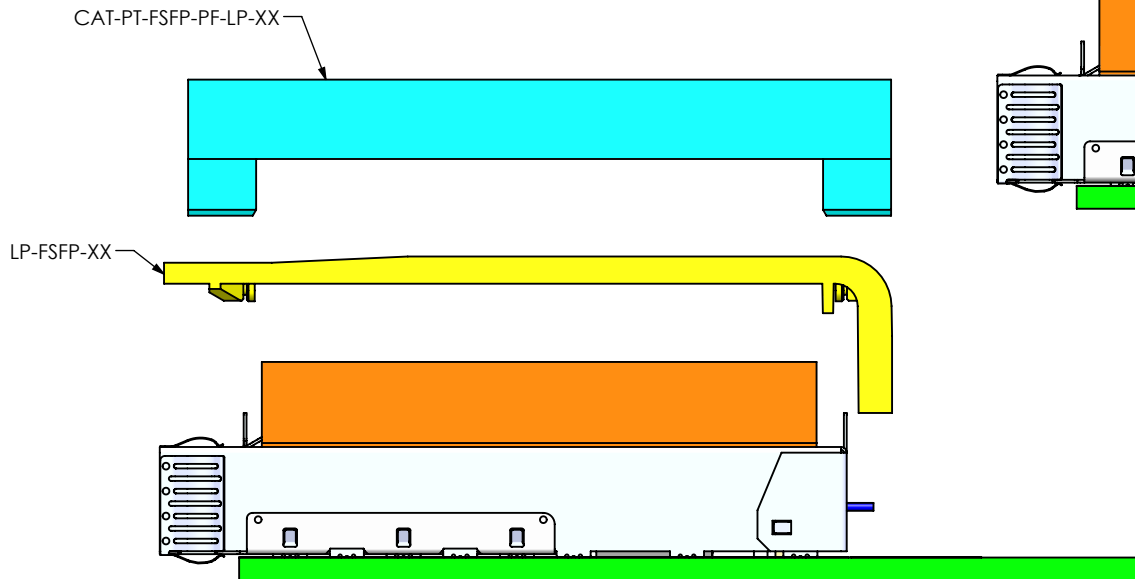


FIG 12
LIGHT-PIPE PRESS

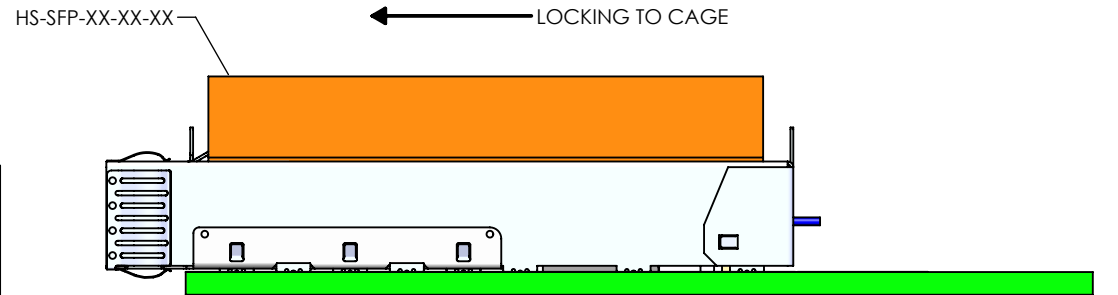


FIG 11
HEAT SINK LOCK

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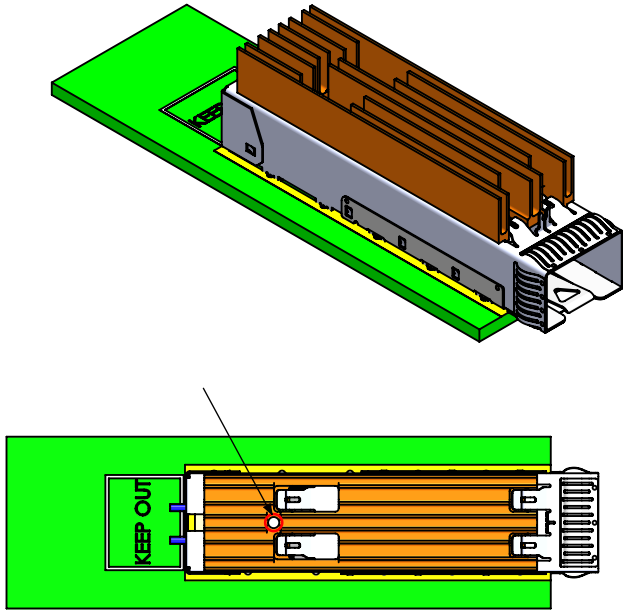


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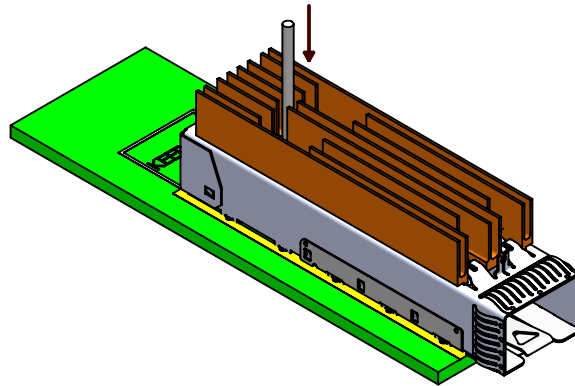
DESCRIPTION:
 FSFP ASSEMBLY

DWG. NO.
 FSFP-XX-XX.X-X

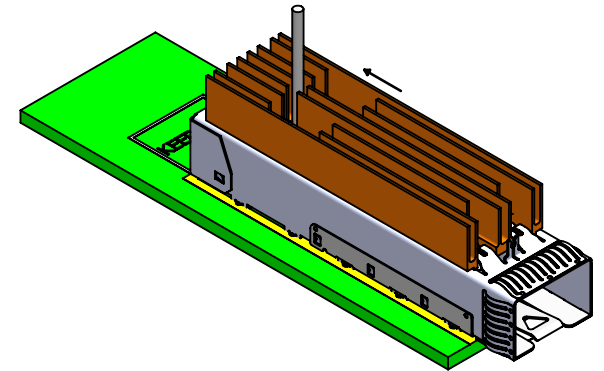
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STEP 1
LOCATE HEATSINK LATCH HOLE



STEP 2
INSERT PIN TO RELEASE LATCH



STEP 3
SLIDE REARWARD TO REMOVE

FIG 13
HEATSINK REMOVAL

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