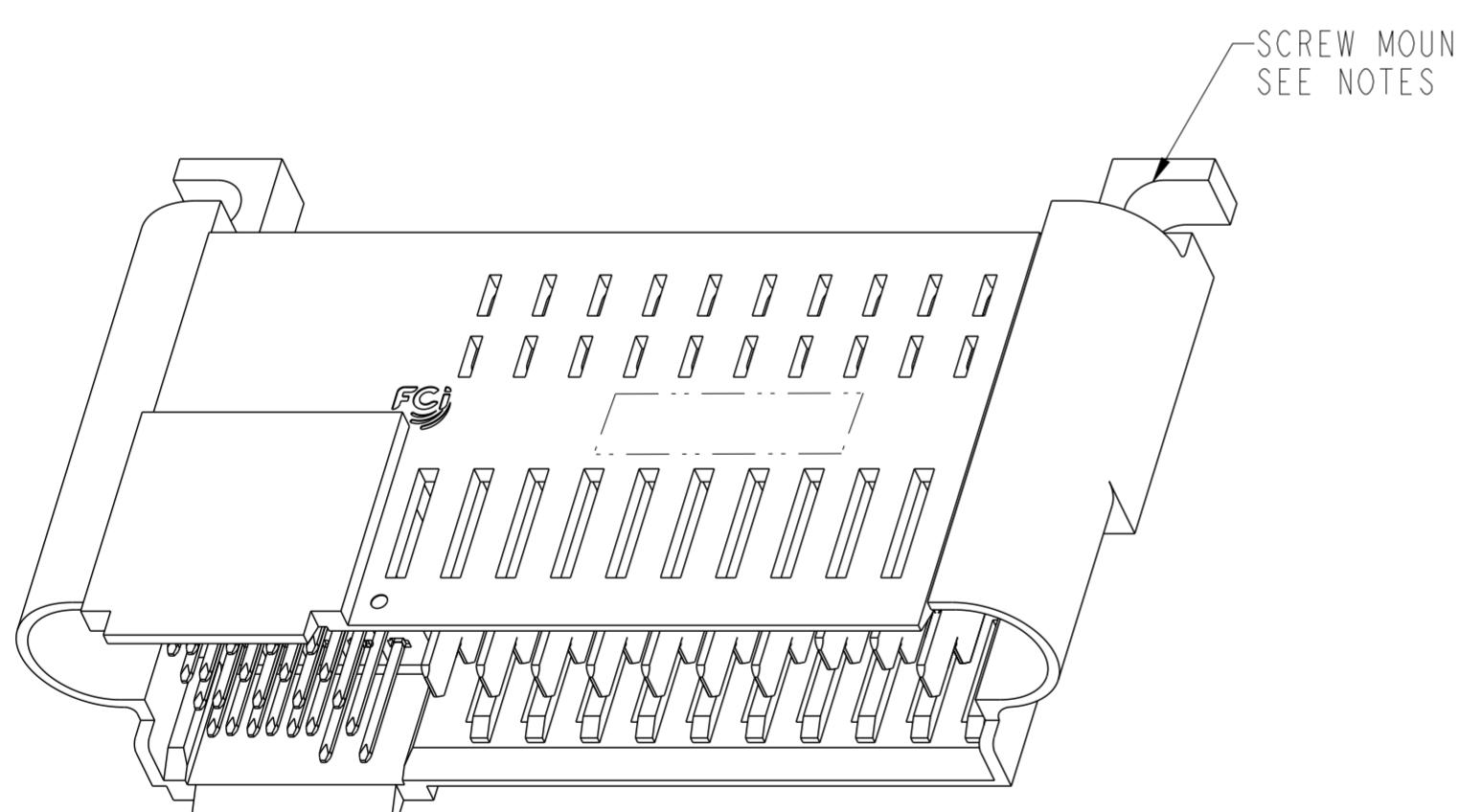


25Sx10P CONFIGURATION SHOWN HOLD DOWN TYPE

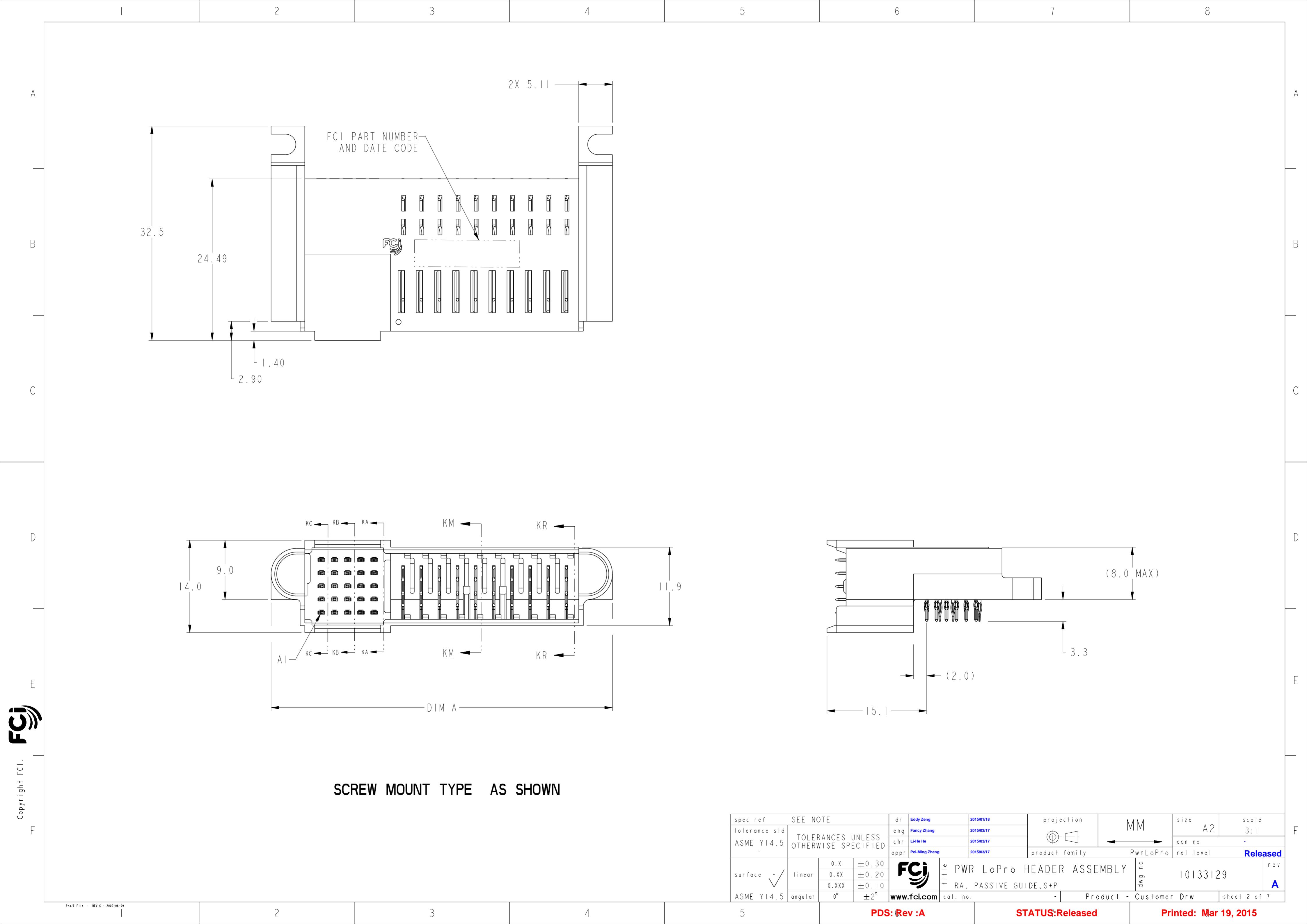


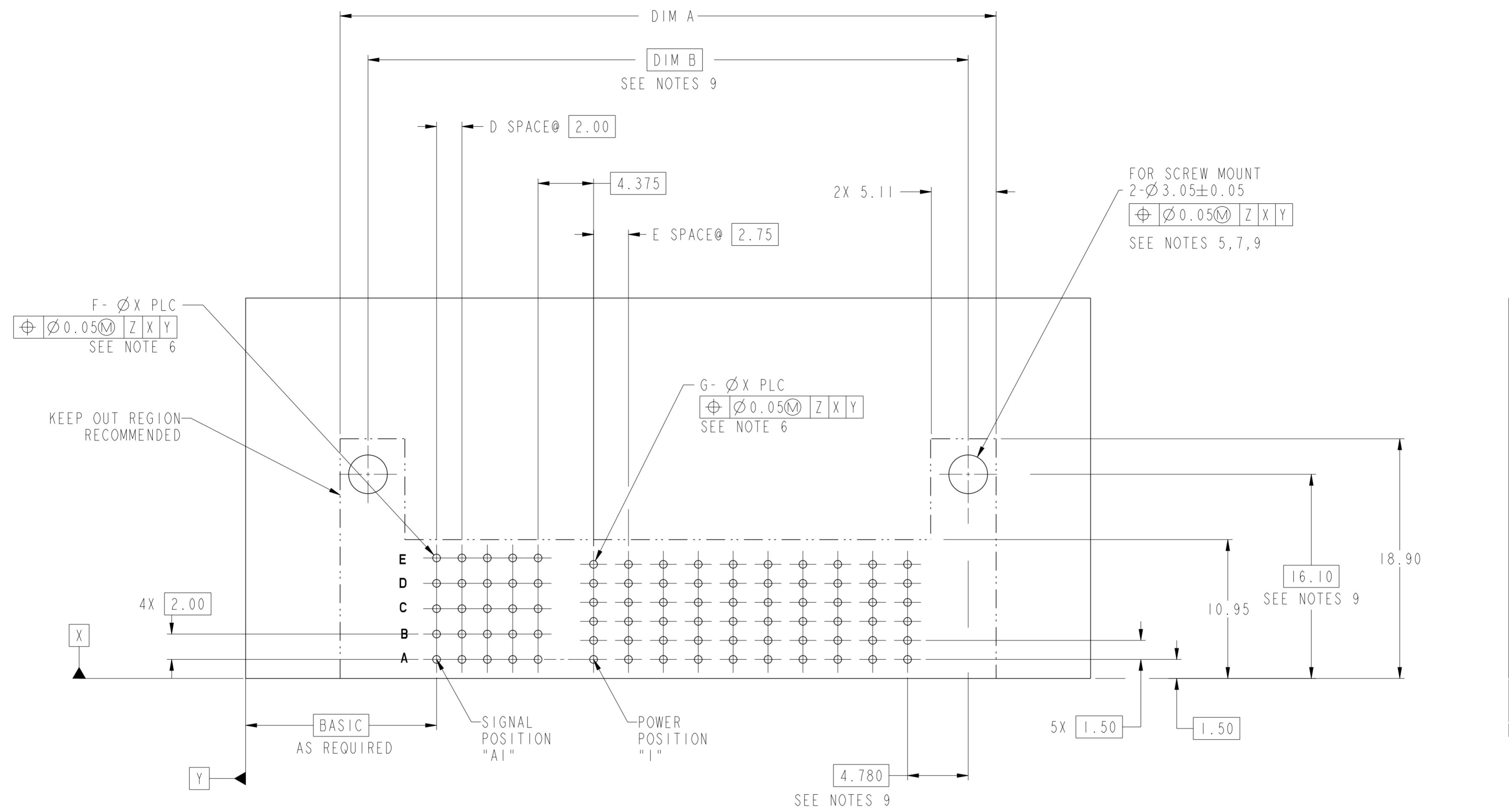
25Sx10P CONFIGURATION SHOWN SCREW MOUNT TYPE

NOTES

1. HOUSING MATERIAL: GF LCP, COLOR: BLACK, UL 94 V-0 RATED
SIGNAL CONTACT MATERIAL: PHOSPHOR BRONZE
SIGNAL PIN OVERMOLD MATERIAL: GF POLYESTER
POWER CONTACT MATERIAL: COPPER ALLOY
2. PLATING ON SIGNAL CONTACTS: 1.27 μ m Ni UNDERPLATING ALL OVER WITH 0.76 μ m GXT IN CONTACT MATING AREA, AND 0.5 μ m MATTE TIN ON TAIL AREA.
PLATING ON POWER CONTACTS: 1.27 μ m Ni UNDERPLATING ALL OVER WITH 0.76 μ m GXT IN CONTACT MATING AREA, AND 0.5 μ m MATTE TIN ON TAIL AREA.
PLATING ON HOLD DOWN IF APPLICABLE: 1.27 μ m Ni, UNDERPLATING ALL OVER WITH 0.76 μ m MATTE TIN OVER.
3. LUBRICATION: LUBRICATE ON CONTACT AREA.
4. RECOMMENDED PCB THICKNESS IS:
FOR PRESS FIT APPLICATION: 1.4mm MIN
FOR SOLDER APPLICATION: 1.40mm THROUGH 2.62mm.
5. FOR SCREW MOUNT APPLICATIONS, A #4-40 UNC PAN SCREW WITH HEX NUT IS RECOMMENDED (SUPPLIED BY CUSTOMER).
6. FOR PRESS FIT ϕ 0.61 \pm 0.05mm, FOR SOLDER ϕ 0.90 \pm 0.05mm.
7. UNPLATED HOLES.
8. HOLD DOWN APPLICATION NEEDED.
9. SCREW MOUNT APPLICATION NEEDED.
10. PRODUCT SPECIFICATION: GS-12-1064
APPLICATION SPECIFICATION: GS-20-0362

spec ref	SEE NOTE			dr	Eddy Zeng		2015/01/18			size	A2	scale					
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Fancy Zhang		2015/03/17			ecn no	3:1						
ASME Y14.5				chr	Li-He He		2015/03/17			rel level	-						
-				appr	Pei-Ming Zheng		2015/03/17			product family	PwrLoPro	Released					
surface		linear	0.X	±0.30		 PWR LoPro HEADER ASSEMBLY				 dwg no	10133129		rev A				
			0.XX	±0.20		 RA, PASSIVE GUIDE, S+P											
			0.XXX	±0.10													
ASME Y14.5	angular		0°	±2°	www.fci.com	cat. no.	-	Product	- Customer	Drw	sheet 1 of 7						





25S10P AS SHOWN
RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT SEE NOTE 4
FOR 10133129-XXXLF SCREW MOUNT TYPE
(AS VIEWED FROM COMPONENT SIDE)

spec ref	SEE NOTE			dr	Eddy Zeng	2015/01/18	projection	MM	size	A2	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Fancy Zhang	2015/03/17 <th data-kind="parent" data-rs="2">product family</th> <th data-kind="parent" data-rs="2">PwrLoPro</th> <th data-kind="parent" data-rs="2">rel level</th> <th data-kind="parent" data-rs="2">Released</th>	product family	PwrLoPro	rel level	Released	
ASME Y14.5				chr	LiHe He	2015/03/17					
surface	✓	linear	0.X	±0.30							
			0.XX	±0.20							
			0.XXX	±0.10							
		angular	0°	±2°	www.fci.com	cat. no.					
							Product	Customer Drw			

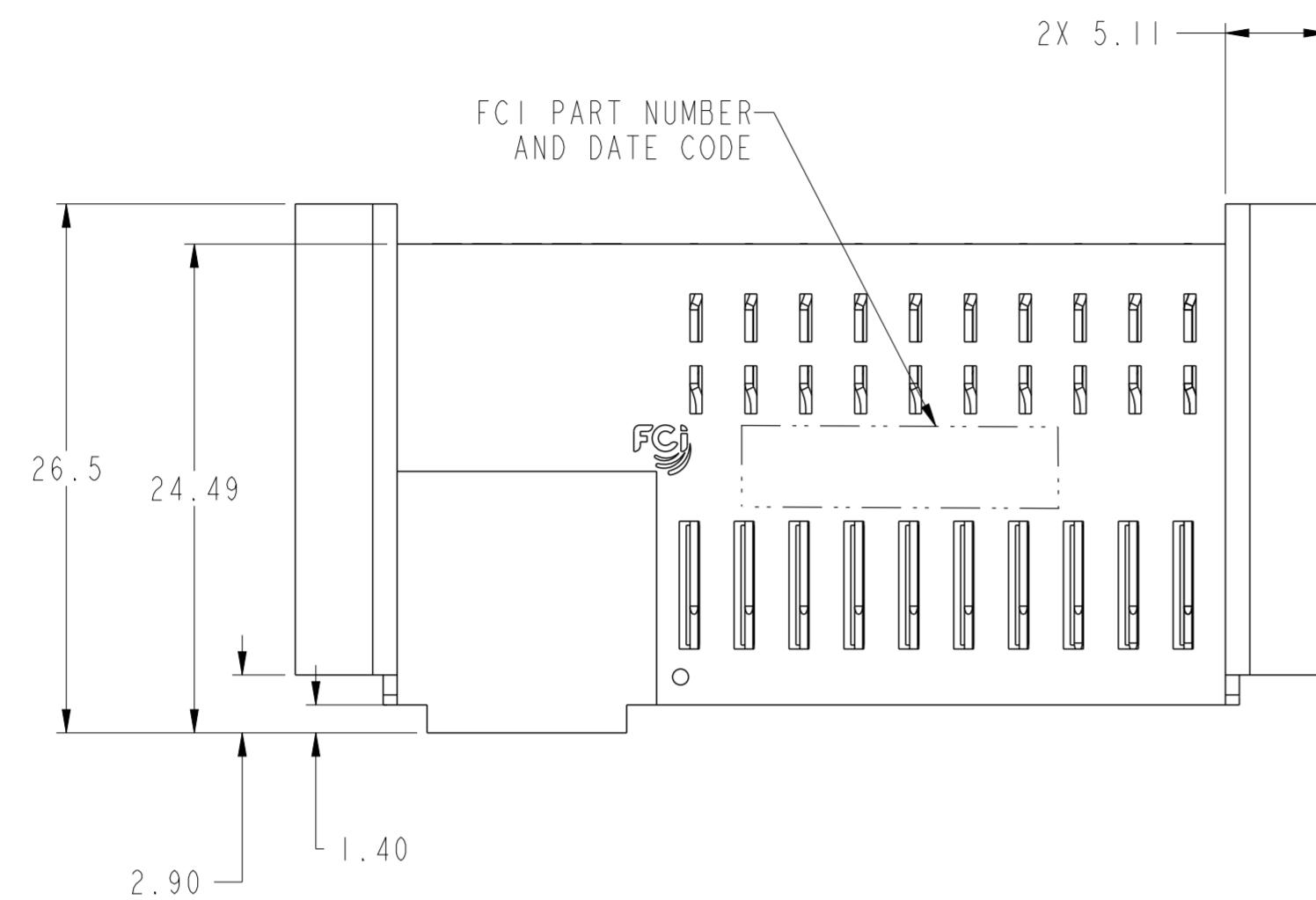
FCI PWR LoPro HEADER ASSEMBLY
RA, PASSIVE GUIDE, S+P

10133129

A

A

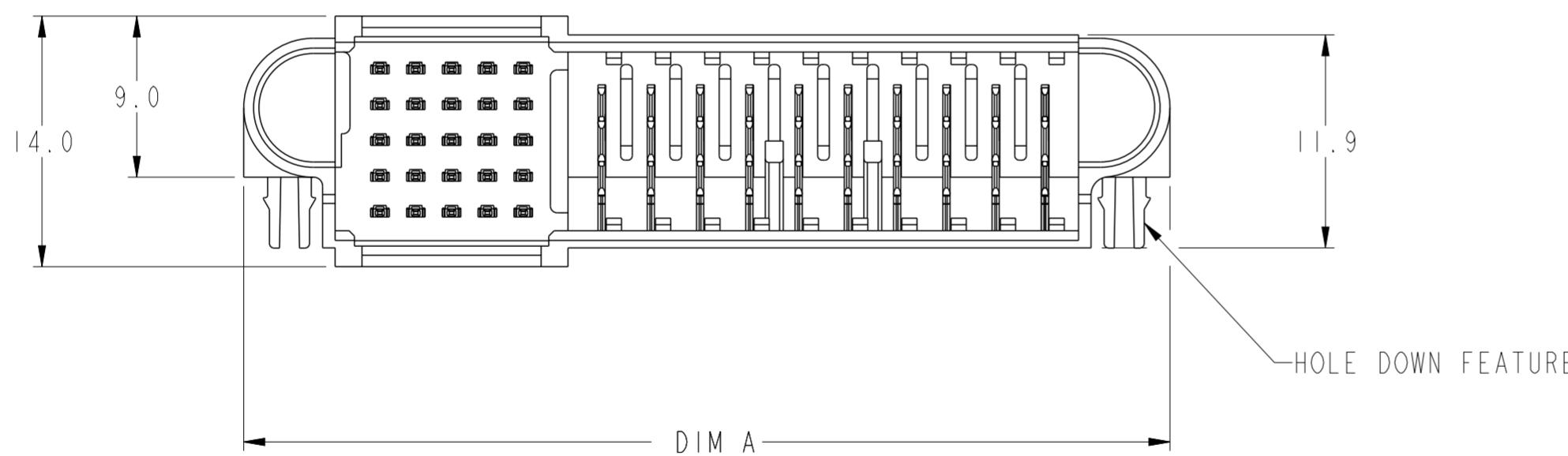
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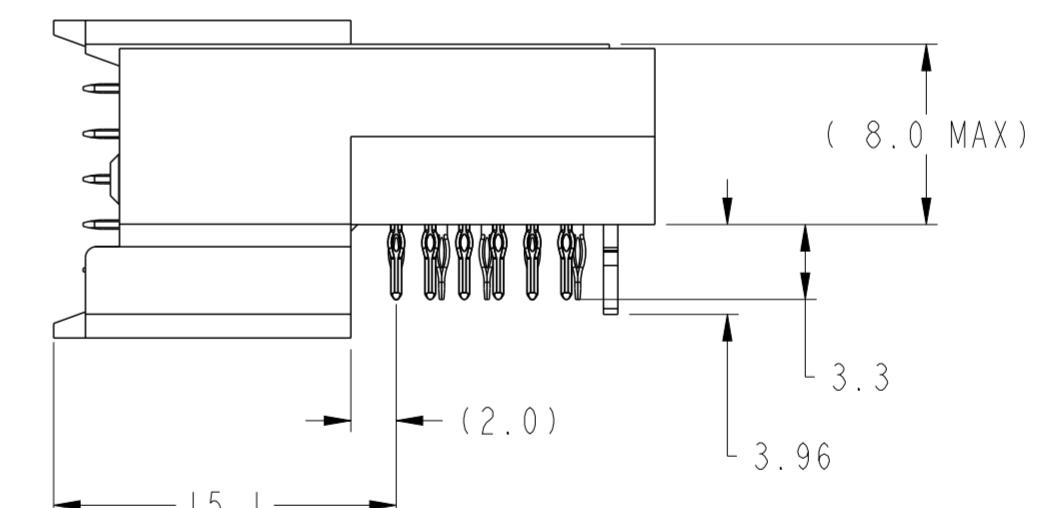
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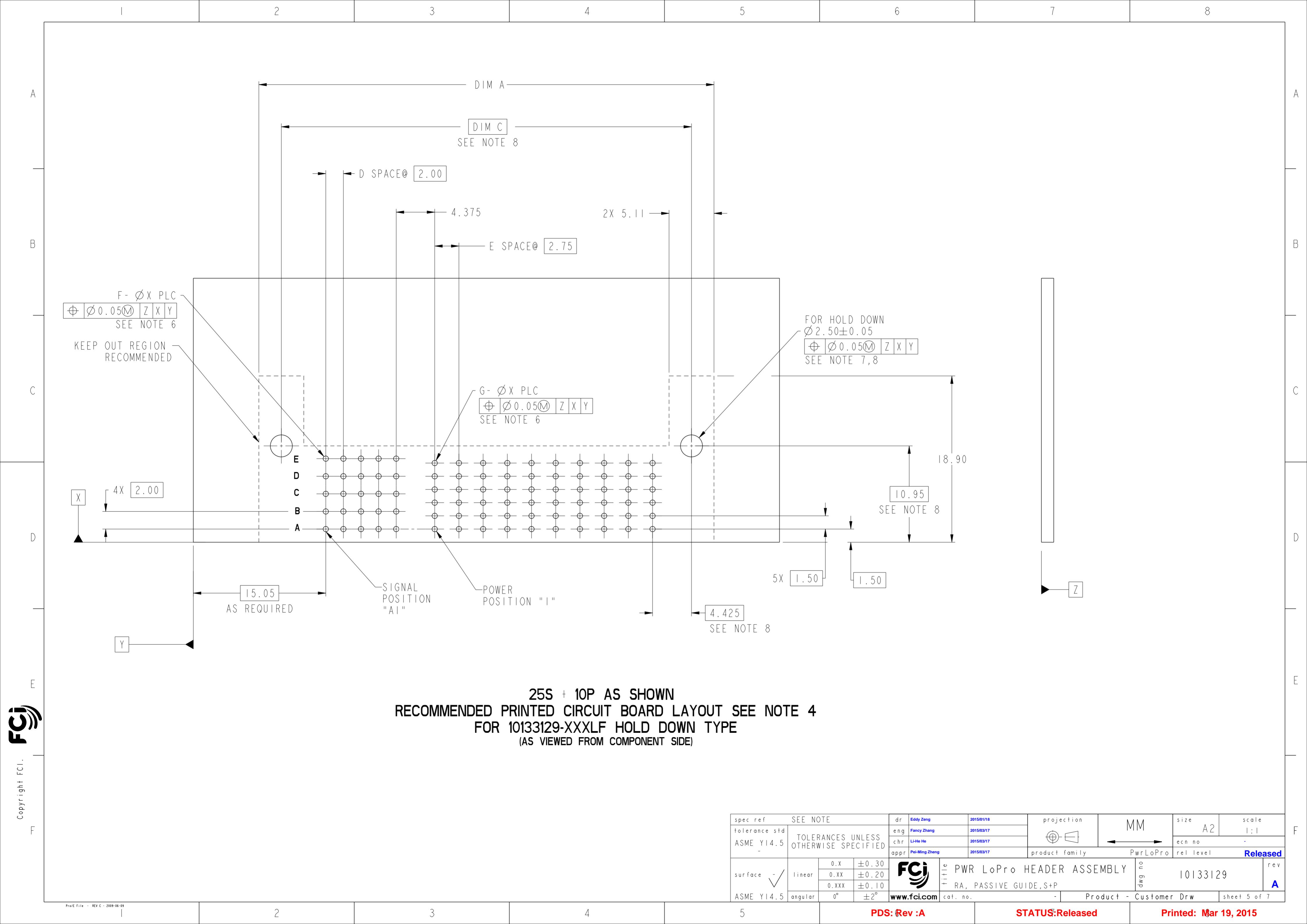
111



HOLE DOWN TYPE AS SHOWN



spec ref	SEE NOTE	dr	Eddy Zeng	2015/01/18			size	A2	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED ASME Y14.5	eng	Fancy Zhang	2015/03/17			ecn no	-	
		chr	Li-He He	2015/03/17					
		appr	Pei-Ming Zheng	2015/03/17			product family	PwrLoPro	rel level
surface	✓	linear	0.X	±0.30				PWR LoPro HEADER ASSEMBLY RA, PASSIVE GUIDE, S+P	dwg no
			0.XX	±0.20					10133129
			0.XXX	±0.10					rev A
ASME Y14.5	angular		0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 4 of 7



PART NUMBER	CONFIGURATION	DIM "A"	DIM "B" FOR SCREW MOUNT	DIM "C" FOR HOLD DOWN	"D" SPACES	"E" SPACES	"F" QTY.	"G" QTY.	MOUNTING FEATURE
10133129-001LF	35S+20P	83.21	-	78.1	6	19	35	120	HOLD DOWN
10133129-002LF	25S+10P	51.71	47.31	-	4	9	25	60	SCREW MOUNT

PART NUMBER	ROWS		SIGNALS							POWERS																							
			1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20				
10133129-001LF 35S + 20P	E																																
	D																																
	C		3	3	3	3	3	3	3	2	2	2	2	—	—	—	—	—	—	—	2	2	2	2	2	2	2	2	2				
	B																																
	A		H																														

PART NUMBER	ROWS		SIGNALS					POWERS																												
			1	2	3	4	5	1	2	3	4	5	6	7	8	9	10																			
10133129-002LF 25S + 10P	E																																			
	D																																			
	C		2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2																		
	B																																			
	A		S																																	

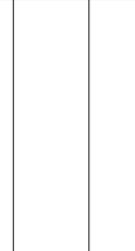
VIEWED FROM MATING FACE:

spec ref	SEE NOTE	dr	Eddy Zeng	2015/01/18	projection	MM	size	A2	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Fancy Zhang	2015/03/17					
ASME Y14.5		chr	Li-He He	2015/03/17					
surface	linear	opp	Pei-Ming Zheng	2015/03/17	product family	PwrLoPro	rel level	Released	

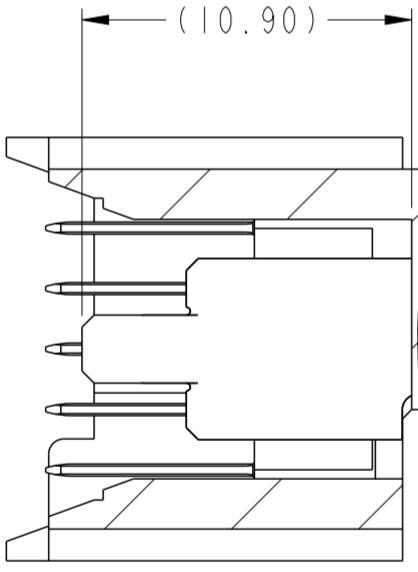
FCI PWR LoPro HEADER ASSEMBLY
RA, PASSIVE GUIDE, S+P
www.fci.com cat. no. - Product - Customer Drw sheet 6 of 7

CUSTOMER LOADING WORKSHEET FOR SIGNAL & POWER SEQUENCING LEVELS

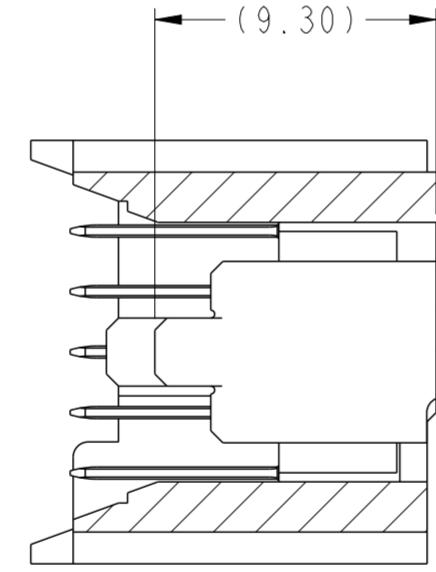
PWR LO PRO - MATING FACE OF HEADER CONNECTOR(4)

E			ROWS	MOUNTING FEATURE(3)	SIGNAL CONTACTS(2)	POWER CONTACTS(1)	MOUNTING FEATURE(3)	
D								
C								
B								
A								
					1 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24		
					COLLUMNS			

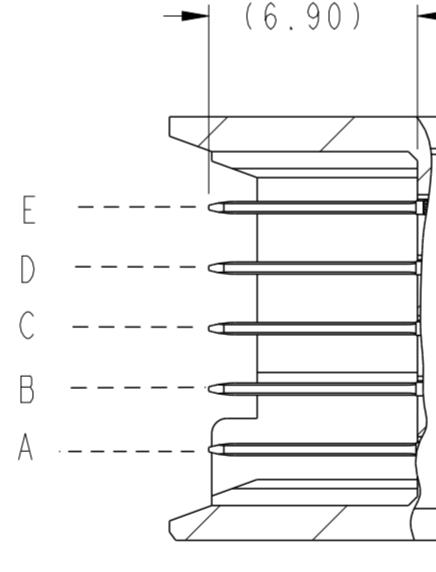
- 1). LOAD WITH CHOICE OF 2 POWER CONTACT MATING LEVELS, SEE SECTIONS KM & KR FOR AVAILABLE LEVEL OPTIONS.
- 2). LOAD WITH CHOICE OF 3 SIGNAL CONTACT MATING LEVELS, SEE SECTIONS KA,KB,&KC FOR AVAILABLE LEVEL OPTIONS.
- 3). MOUNTING FEATURE OPTION "X"
 - H : HOLD DOWN TYPE
 - S : SCREW MOUNT TYPE
- 4). CUSTOMER LOADING WORKSHEET SHOWN AT MAXIMUM SIZE CONFIGURATION (40Sx24P), SIGNALS AVAILABLE IN 2,3,4 THRU 8 POSITIONS, POWERS AVAILABLE IN 4,6,8 THRU 24 POSITIONS IN EVEN QUANTITIES ONLY.



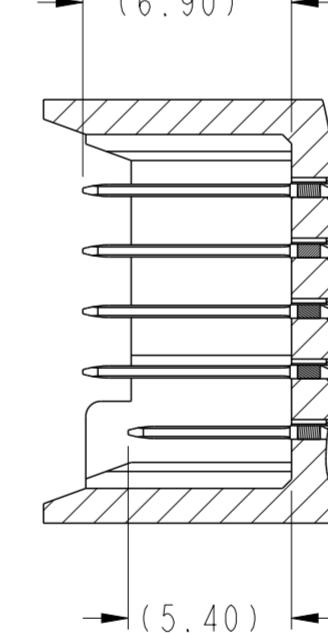
POWER
SECTION KM-KM
LEVEL I:
LONGEST MATING
CONTACTS



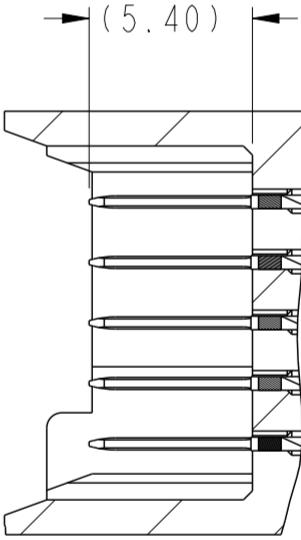
POWER SECTION KR-KR LEVEL 2: SHORTEST MATING CONTACTS



SIGNAL
SECTION KA-KA
LEVEL 2:
ALL LONGEST
CONTACTS



SIGNAL
SECTION KB-KB
LEVEL 32222 (MIXED):
ROW "A", SHORTEST CONTACT
ROW "B" THRU "E", LONGEST CONTACT



SIGNAL
SECTION KC-KC
LEVEL 3:
ALL SHORTEST
CONTACTS

CODE	DESCRIPTION
1	FOR LEVEL 1
2	FOR LEVEL 2
32222	FOR LEVEL 32222 (MIXED)
3	FOR LEVEL 3

spec ref	SEE NOTE		dr	Eddy Zeng	2015/01/18			size	A2	scale	1:1			
tolerance std			eng	Fancy Zhang	2015/03/17			ecn no	-					
ASME Y14.5			chr	Li-He He	2015/03/17			rel level	Released					
-			appr	Pei-Ming Zheng	2015/03/17			product family	PwrLoPro					
		0.X	±0.30		PWR LoPro HEADER ASSEMBLY									
		0.XX	±0.20		RA, PASSIVE GUIDE, S+P									
		0.XXX	±0.10											
ASME Y14.5		0°	±2°		www.fci.com	cat. no.	-	Product - Customer Drw	sheet 7 of 7					