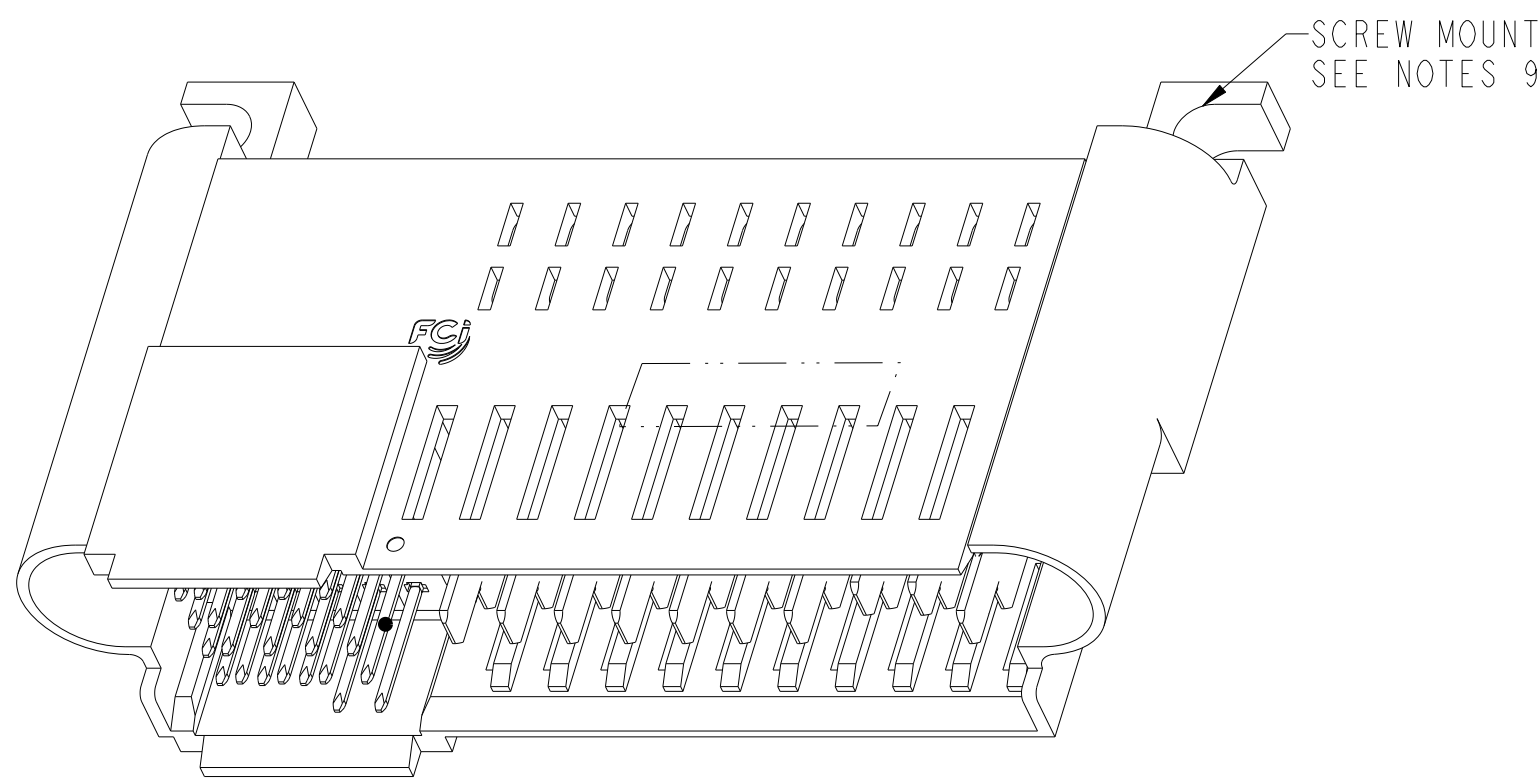


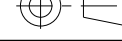
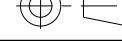


25Sx10P CONFIGURATION SHOWN  
HOLD DOWN TYPE

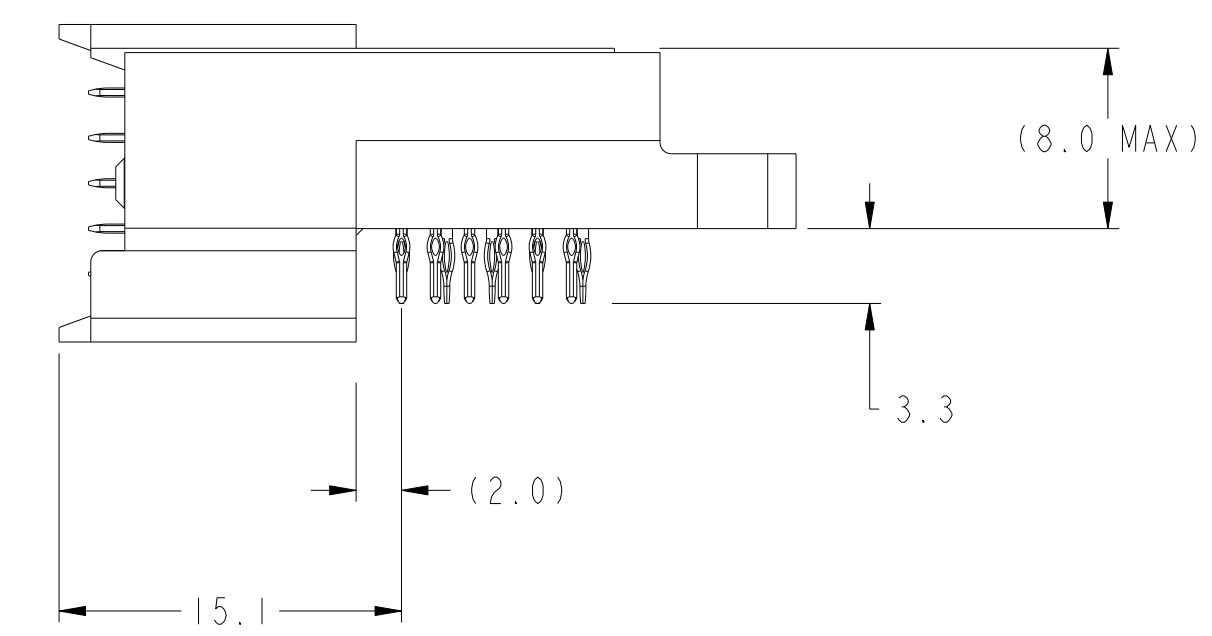
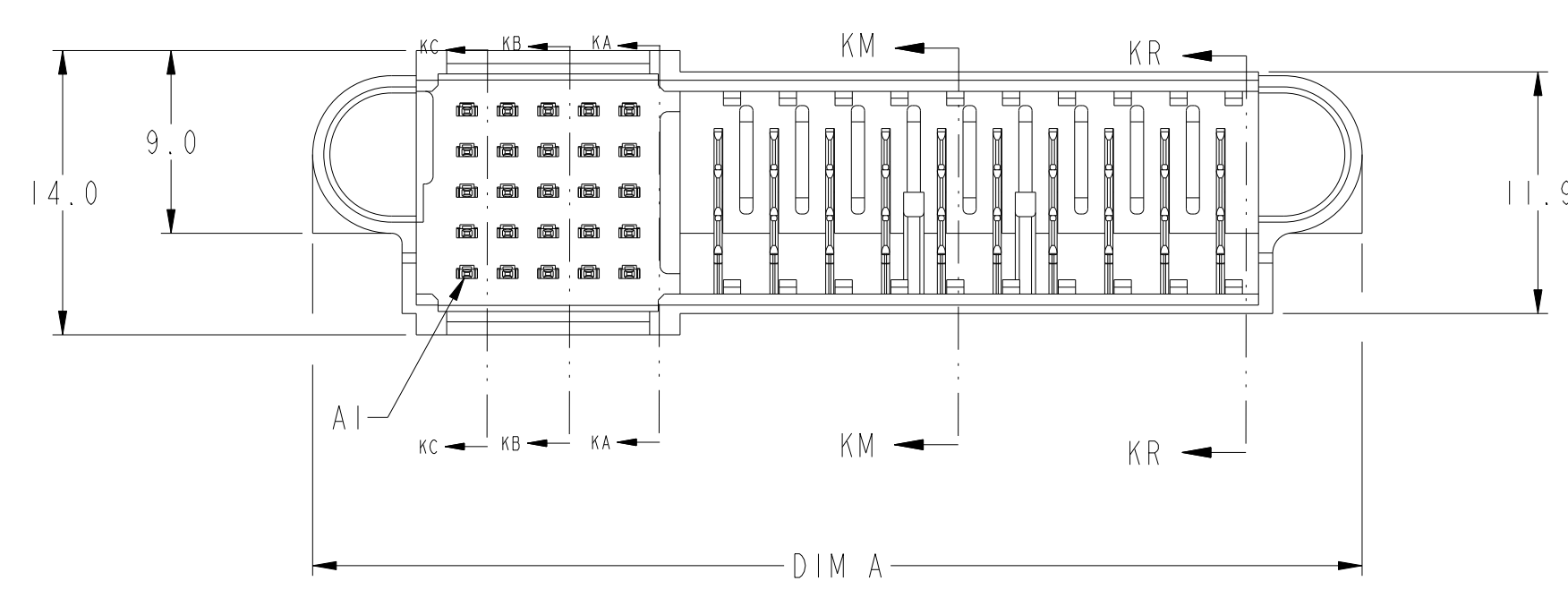
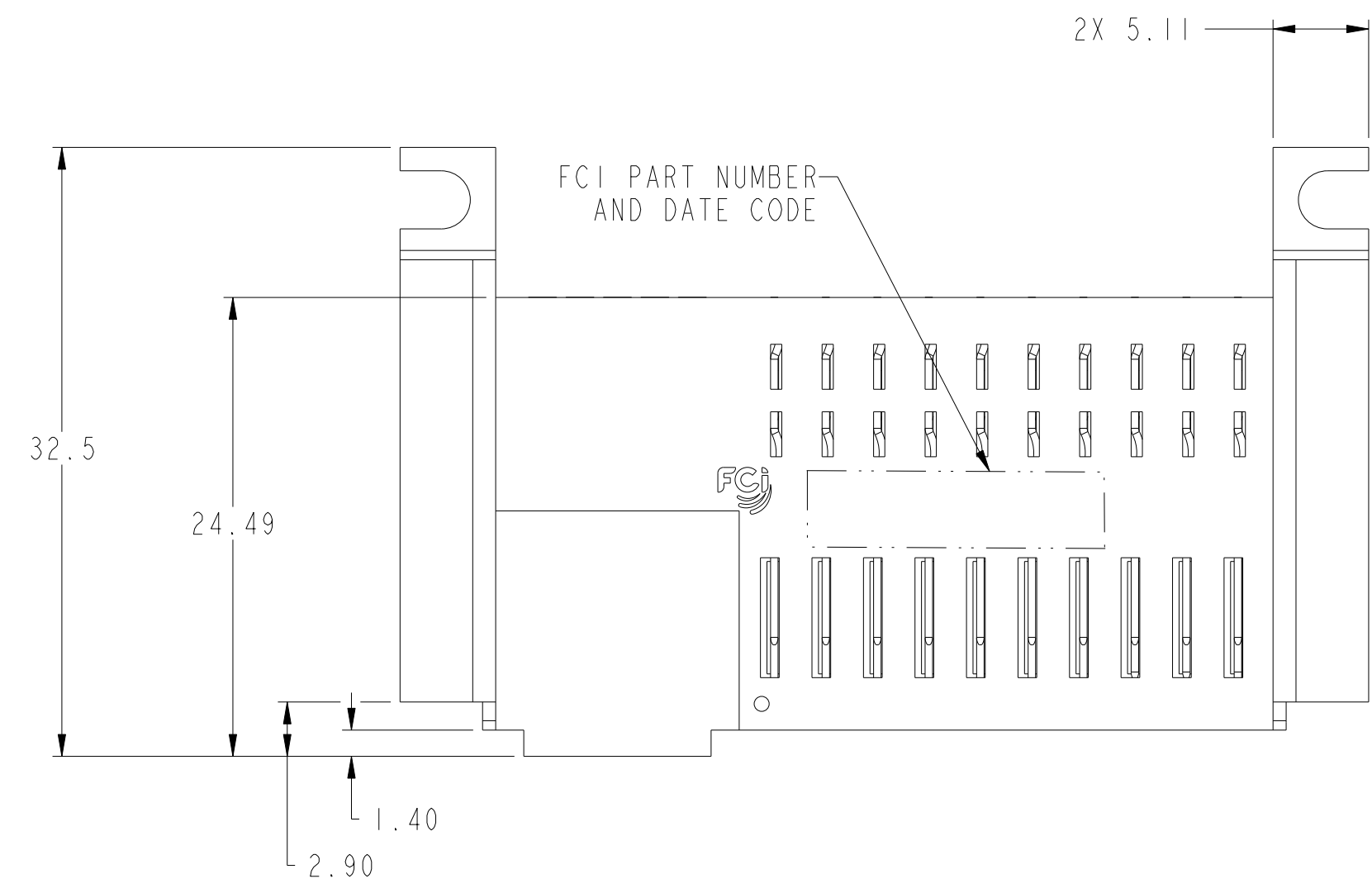


25Sx10P CONFIGURATION SHOWN  
SCREW MOUNT TYPE

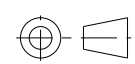

NOTES:

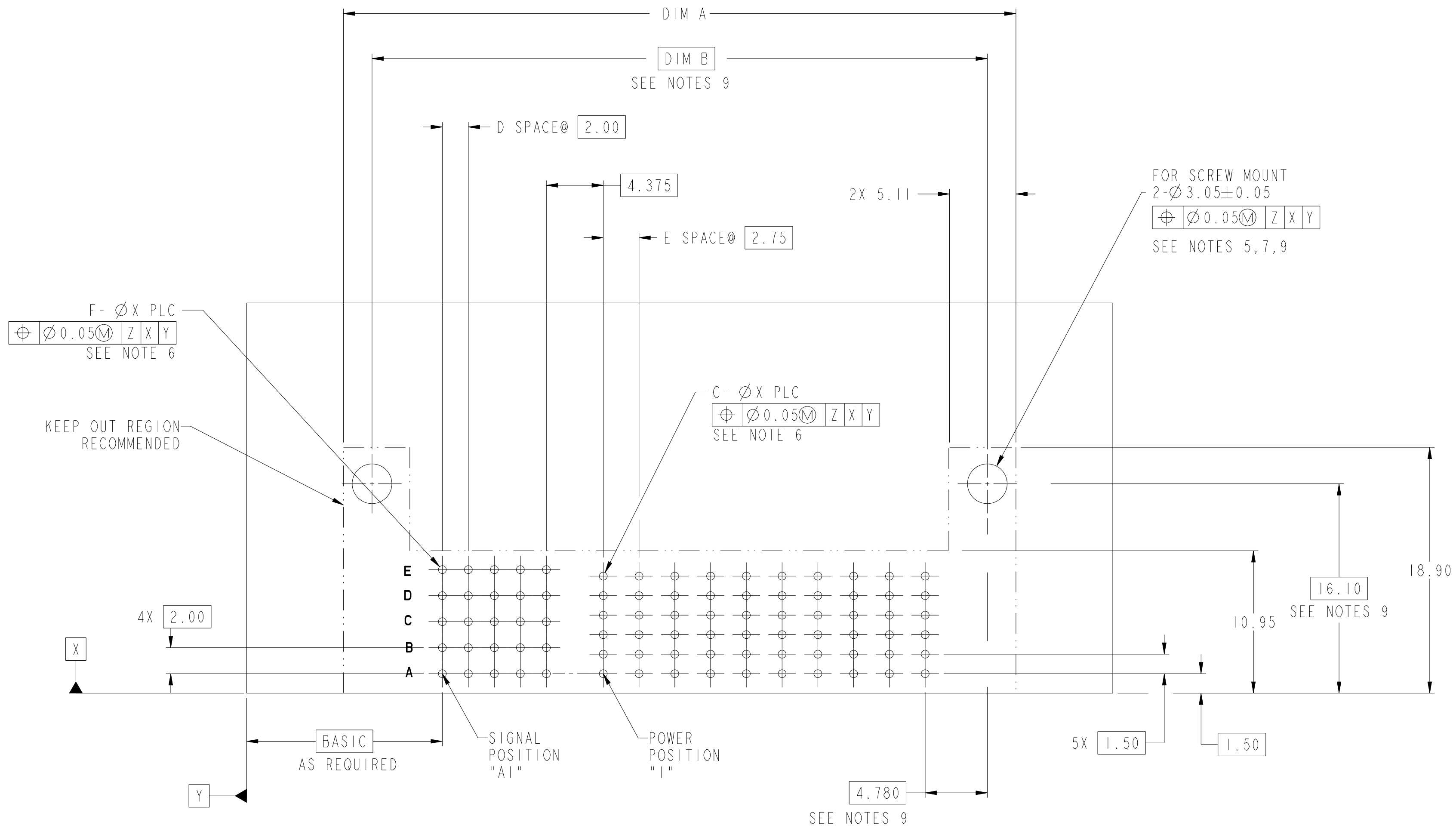
1. HOUSING MATERIAL: GF LCP, COLOR: BLACK, UL 94 V-0 RATED  
SIGNAL CONTACT MATERIAL: PHOSPHOR BRONZE  
SIGNAL PIN OVERMOLD MATERIAL: GF POLYESTER  
POWER CONTACT MATERIAL: COPPER ALLOY
2. PLATING ON SIGNAL CONTACTS: 1.27µm Ni UNDERPLATING ALL OVER  
WITH 0.76µm GXT IN CONTACT MATING AREA, AND  
0.5µm MATTE TIN ON TAIL AREA.  
  
PLATING ON POWER CONTACTS: 1.27µm Ni UNDERPLATING ALL OVER  
WITH 0.76µm GXT IN CONTACT MATING AREA, AND  
0.5µm MATTE TIN ON TAIL AREA.  
  
PLATING ON HOLD DOWN IF APPLICABLE: 1.27µm Ni, UNDERPLATING ALL  
OVER WITH 0.76µm 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  $\varnothing 0.61 \pm 0.05\text{mm}$ , FOR SOLDER  $\varnothing 0.90 \pm 0.05\text{mm}$ .
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		2015/01/19		projection				MM		size		A2		scale		3:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Walker Wei		2019/05/07						ecn no		ELX-DG-33445-1		rel level		Released			
ASME Y14.5				chr		-		-						dwg no		10133129							
-				appr		Zheng, Pei-Min		2019/05/08						product family		PwrLoPro							
surface		linear		0.X		±0.30				PWR LoPro HEADER ASSEMBLY										rev		B	
ASME Y14.5		0.XX		±0.20																			
ASME Y14.5		0.XXX		±0.10																			
ASME Y14.5		angular		0°		±2°		cat. no.		-		Product - Customer Drw										sheet 1 of 7	



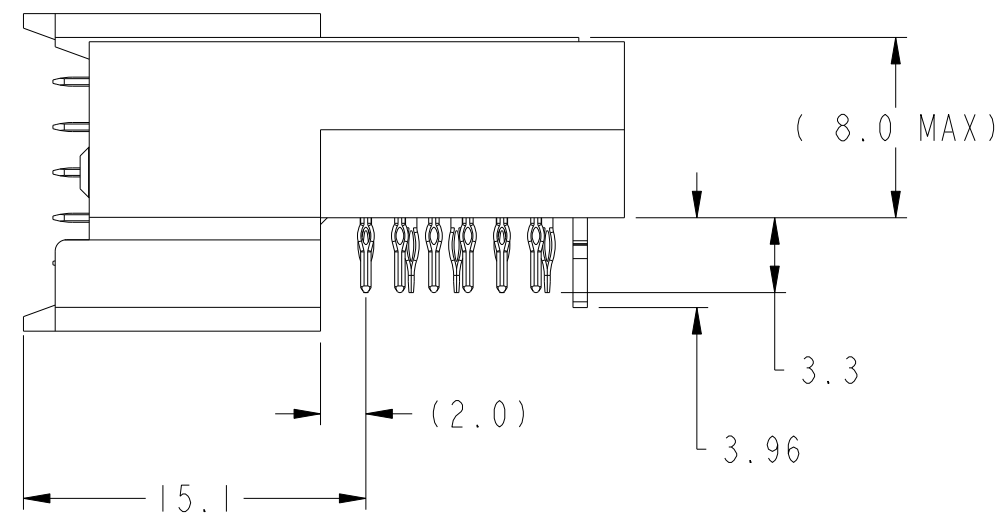
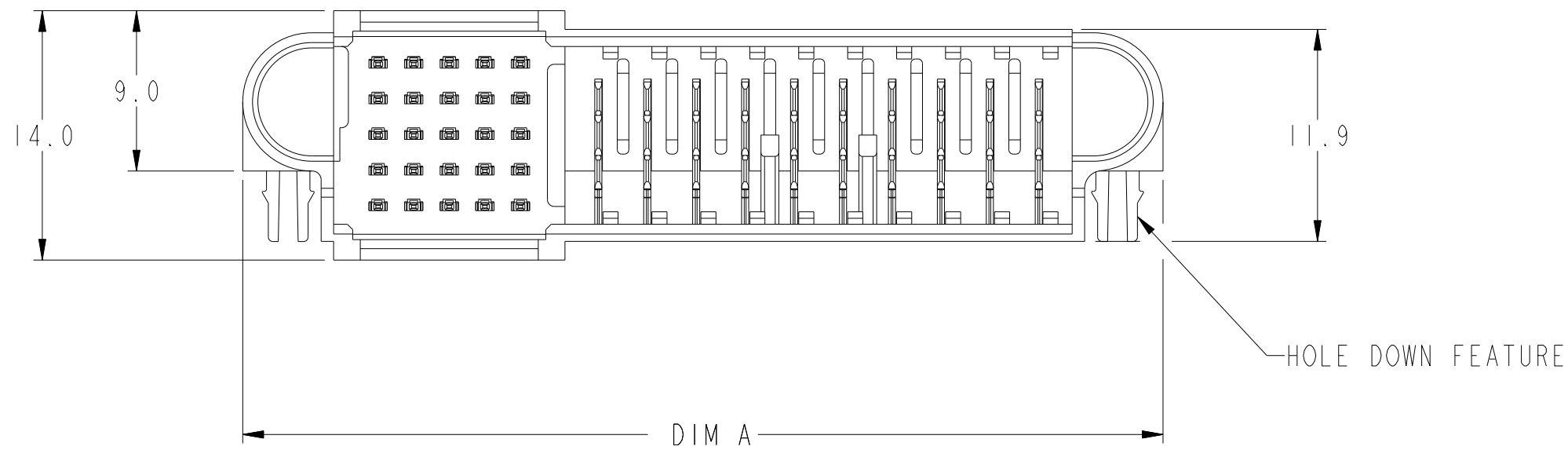
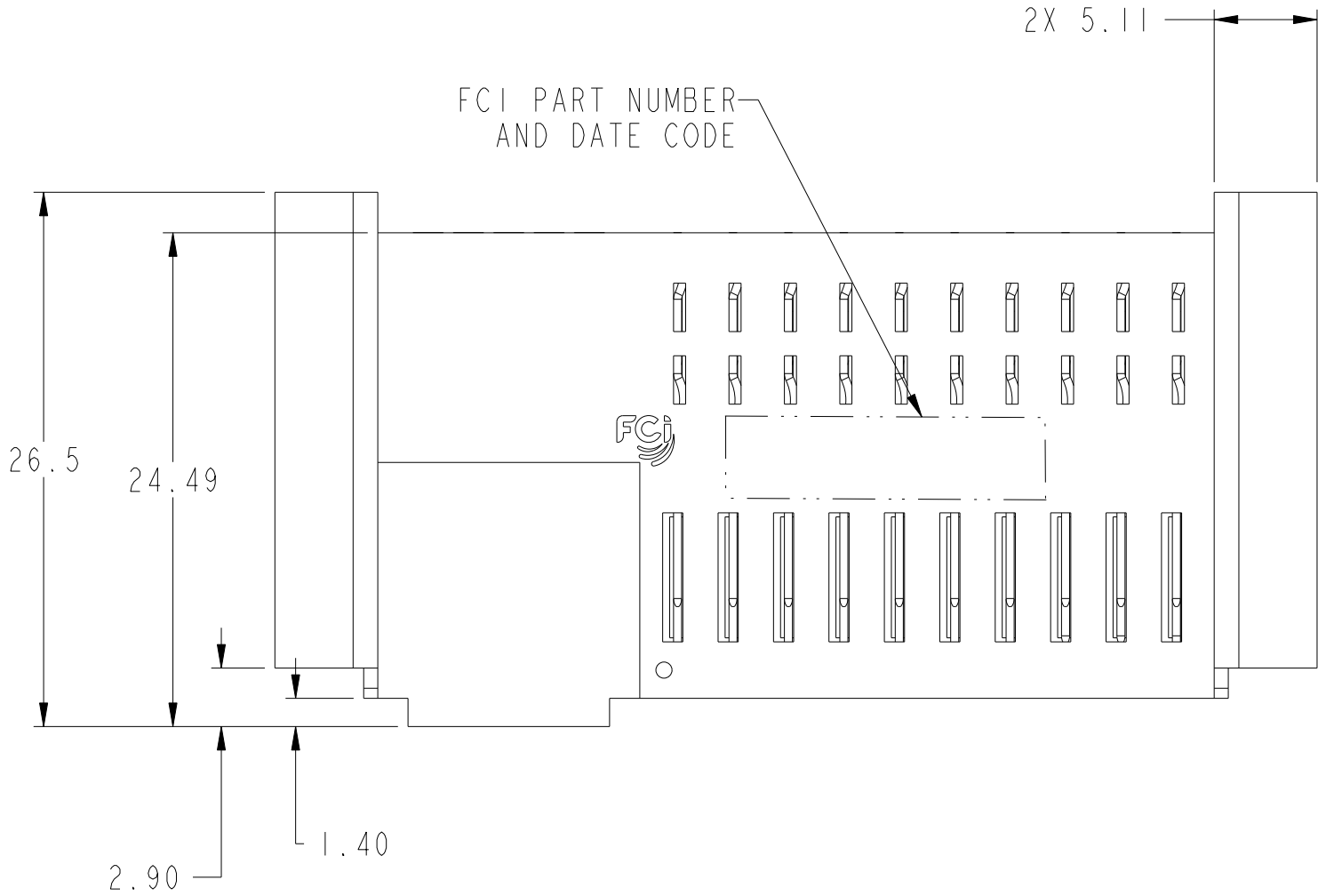
SCREW MOUNT TYPE AS SHOWN

spec ref		SEE NOTE			dr		Eddy Zeng		2015/01/19		projection		MM		size		A2		scale		3:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Walker Wei		2019/05/07						ecn no		ELX-DG-33445-1					
ASME Y14.5					chr		-		-						rel level		Released					
-					appr		Zheng, Pei-Min		2019/05/08						product family		PwrLoPro					
surface		linear		0.X		±0.30		Amphenol FCI		PWR LoPro HEADER ASSEMBLY		dwg no		10133129		rev		B				
ASME Y14.5				0.XX		±0.20																
ASME Y14.5				0.XXX		±0.10																
ASME Y14.5		angular		0°		±2°		cat. no.		-		Product - Customer Drw		sheet 2 of 7								

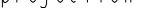



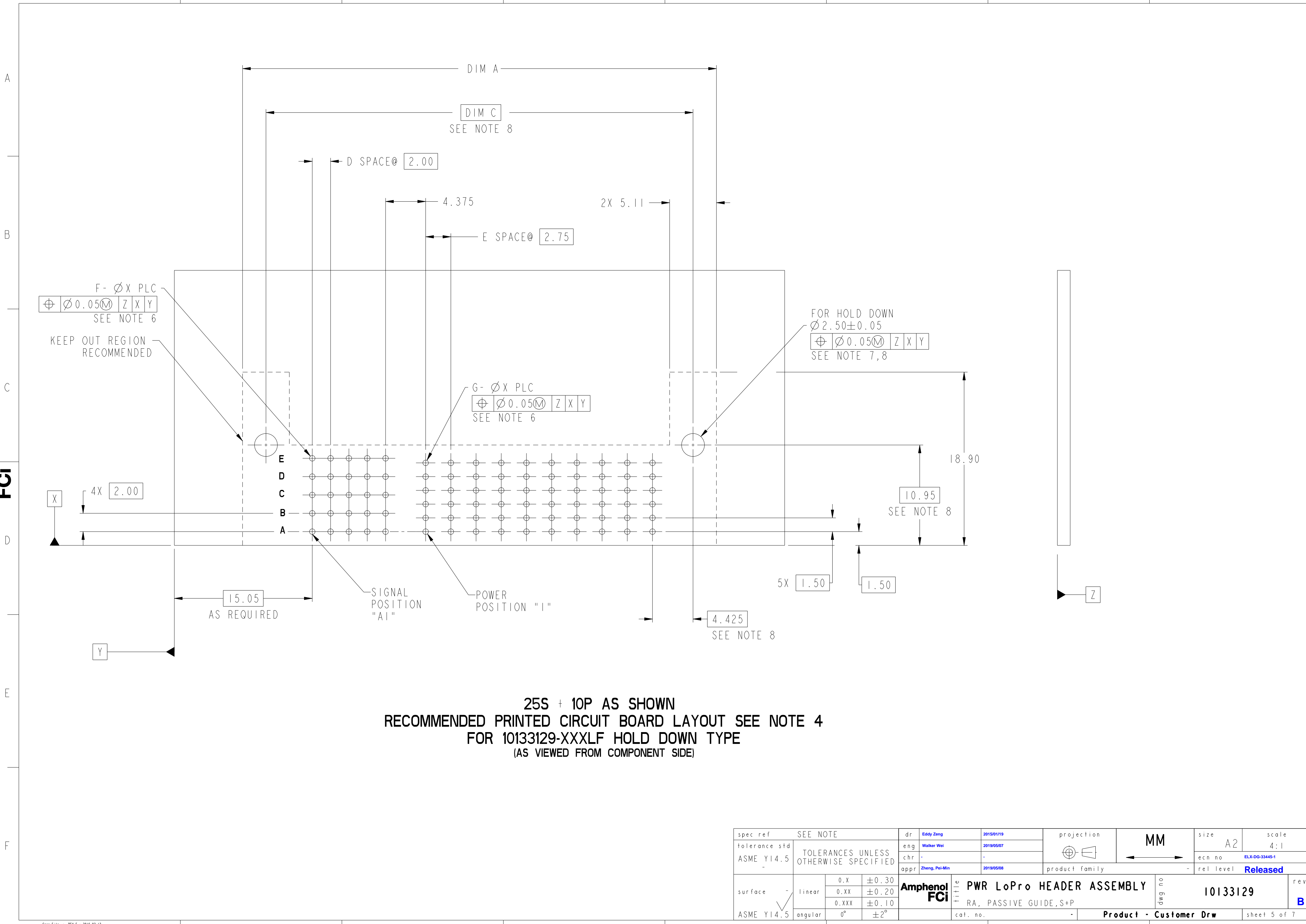
25S+10P AS SHOWN  
RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT SEE NOTE 4  
FOR 10133129-XXXLF SCREW MOUNT TYPE  
(AS VIEWED FROM COMPONENT SIDE)

spec ref		SEE NOTE		dr		Eddy Zeng		2015/01/19		projection		MM		size		A2		scale		3:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Walker Wei		2019/05/07						ecn no		ELX-DG-33445-1		rel level		Released	
ASME Y14.5				chr		-		-						product family		-					
				appr		Zheng, Pei-Min		2019/05/08													
surface		linear		0.X		±0.30		Amphenol FCI		title		PWR LoPro HEADER ASSEMBLY		dwg no		10133129		rev		B	
		0.XX		±0.20																	
		0.XXX		±0.10																	
ASME Y14.5		angular		0°		±2°				cat. no.		-		Product - Customer Drw				sheet 3 of 7			

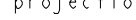



HOLE DOWN TYPE AS SHOWN



spec ref		SEE NOTE		dr		Eddy Zeng	2015/01/19	projection		MM		size		A2	scale		3:1				
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Walker Wei	2019/05/07					ecn no		ELX-DG-33445-1							
ASME Y14.5				chr		-	-					rel level		Released							
-				appr		Zheng, Pei-Min						2019/05/08	product family		PwrLoPro						
surface		linear	0.X	±0.30	Amphenol FCI		title		PWR LoPro HEADER ASSEMBLY						dwg no		10133129		rev		B
ASME Y14.5			0.XX	±0.20																	
			0.XXX	±0.10																	
ASME Y14.5		angular	0°	±2°			cat. no.		-	Product - Customer Drw						sheet 4 of 7					



25S + 10P AS SHOWN  
RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT SEE NOTE 4  
FOR 10133129-XXXLF HOLD DOWN TYPE  
(AS VIEWED FROM COMPONENT SIDE)

spec ref		SEE NOTE		dr		Eddy Zeng		2015/01/19		projection		MM		size		A2		scale		4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Walker Wei		2019/05/07						ecn no		ELX-DG-33445-1		rel level		Released	
ASME Y14.5				chr		-		-													
-				appr		Zheng, Pei-Min		2019/05/08													
surface		linear		0.X		±0.30		Amphenol FCi		title		PWR LoPro HEADER ASSEMBLY		dwg no		10133129		rev		B	
ASME Y14.5		0.XX		±0.20		RA, PASSIVE GUIDE, S+P															
		0.XXX		±0.10		cat. no.															
		angular		0°		±2°															

A	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
	10133129-005LF	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	H		3	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	
	D																													
	C																													
	B																													
	A																													

C	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	S		2	2	2	2	3	2	2	2	2	2	2	2	2	2	S
		D																	
		C																	
		B																	
		A																	



D	PART NUMBER	ROWS		SIGNALS					POWERS										
				1	2	3	4	5	1	2	3	4	5	6	7	8	9	10	
	10133129-005LF 25S + 10P	E	S		3	3	3	3	3	2	2	2	2	2	2	2	2	2	S
		D																	
		C																	
		B																	
		A																	

VIEWED FROM MATING FACE:

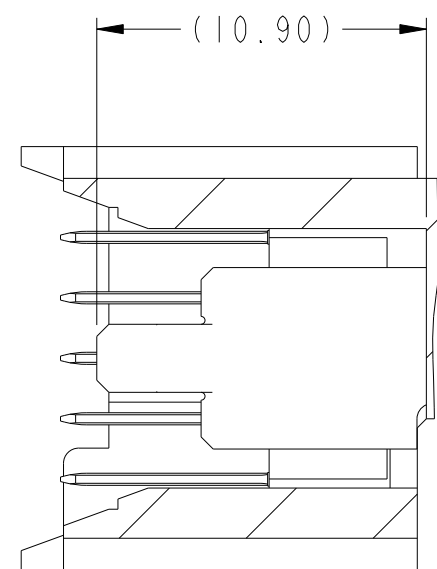
spec ref		SEE NOTE			dr		Eddy Zeng		2015/01/19		projection		MM		size		A2		scale		3:1																		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Walker Wei		2019/05/07						ecn no		ELX-DG-33445-1																						
ASME Y14.5					chr		-		-						rel level		Released																						
-					appr		Zheng, Pei-Min		2019/05/08						product family		-																						
surface		-		linear		0.X		±0.30		Amphenol FCi		title		PWR LoPro HEADER ASSEMBLY RA, PASSIVE GUIDE,S+P										dwg no		10133129										rev		B	
				0.XX		±0.20																																	
ASME Y14.5				0.XXX		±0.10																																	
				angular		0°		±2°				cat. no.		-		Product - Customer Drw										sheet 6 of 7													

## CUSTOMER LOADING WORKSHEET FOR SIGNAL & POWER SEQUENCING LEVELS

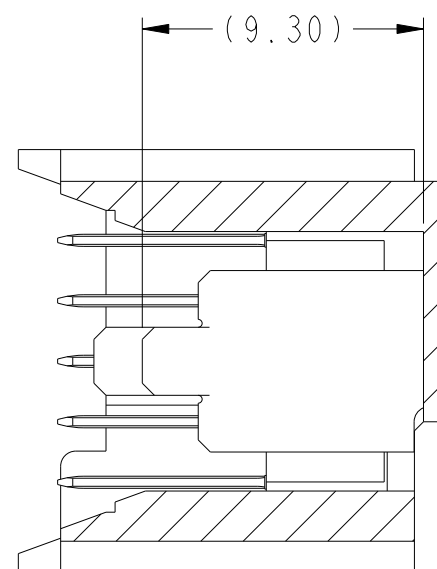
PWR LO PRO - MATING FACE OF HEADER CONNECTOR(4)

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

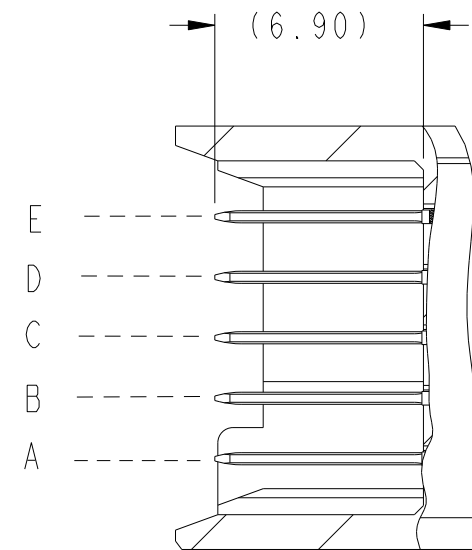
- 1). LOAD WITH CHOICE OF 2 POWER CONTACT MATING LEVELS, SEE SECTIONS KM & KR FOR AVAILABLE LEVEL OPTIONS.
- 2). LOAD WITH CHOICE OF 3 SIGNAL CONTACT MATING LEVELS, SEE SECTIONS KA,KB,&KC FOR AVAILABLE LEVEL OPTIONS.
- 3). MOUNTING FEATURE OPTION "X"
  - H : HOLD DOWN TYPE
  - S : SCREW MOUNT TYPE
- 4). CUSTOMER LOADING WORKSHEET SHOWN AT MAXMUM 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.



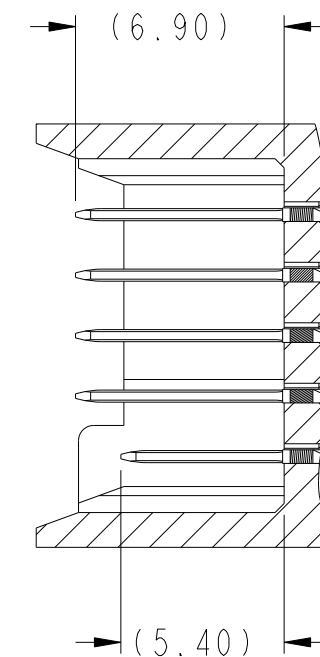
POWER  
SECTION KM-KM  
LEVEL 1:  
LONGEST MATING  
CONTACTS



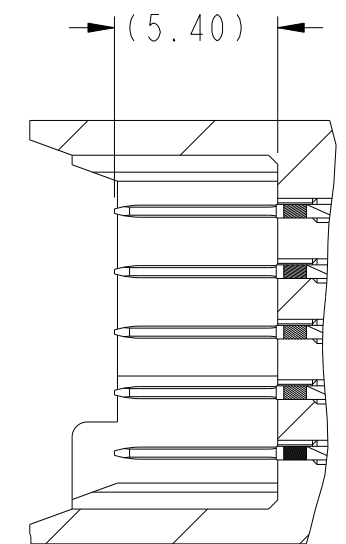
POWER  
SECTION KR-KR  
LEVEL 2:  
SHORTEST MATING  
CONTACTS



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 CONTACTS



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	2015/01/19	projection		MM	size	A2	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Walker Wei	2019/05/07				ecn no	ELX-DG-33445-1			
ASME Y14.5			chr	-	-				product family	PwrLoPro	rel level	Released	
-			appr	Zheng, Pei-Min	2019/05/08								
surface	✓	linear	0.X	±0.30	Amphenol FCI	PWR LoPro HEADER ASSEMBLY			dwg no	10133129		rev	B
			0.XX	±0.20									
			0.XXX	±0.10									
ASME Y14.5		angular	0°	±2°		cat. no.			-	Product - Customer Drw		sheet 7 of 7	