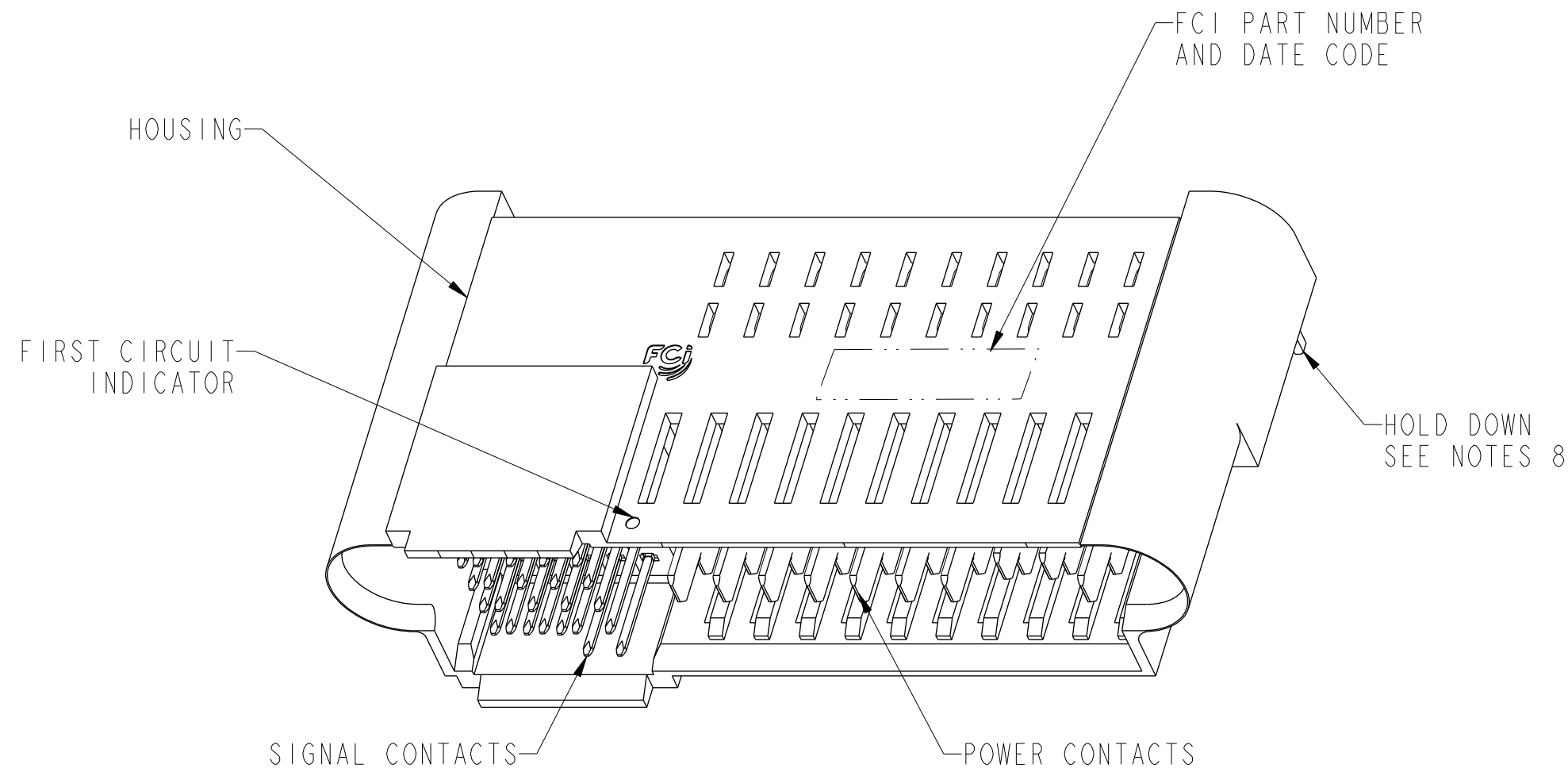
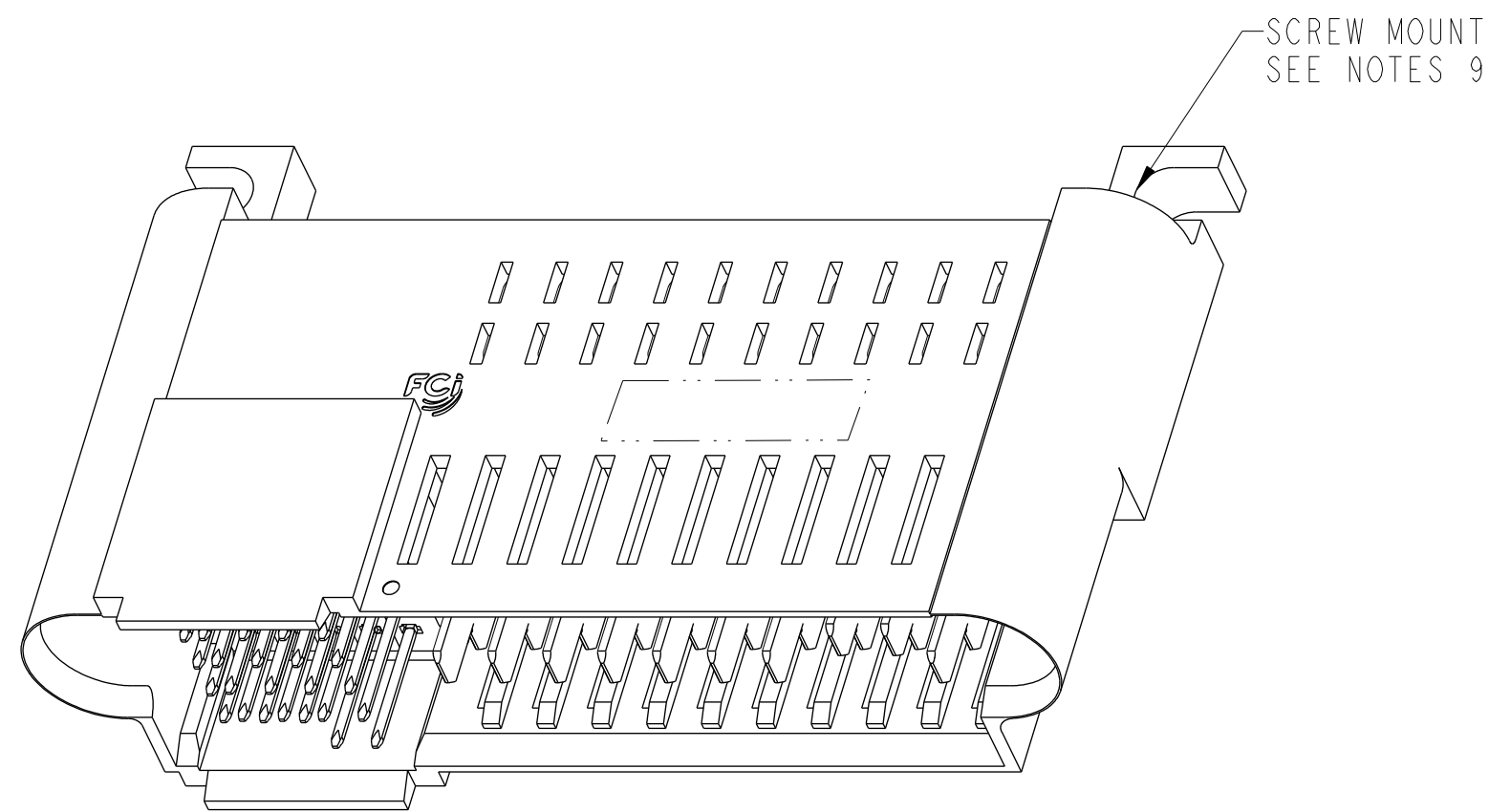




25Sx10P CONFIGURATION SHOWN
HOLD DOWN TYPE



25Sx10P CONFIGURATION SHOWN
SCREW MOUNT TYPE

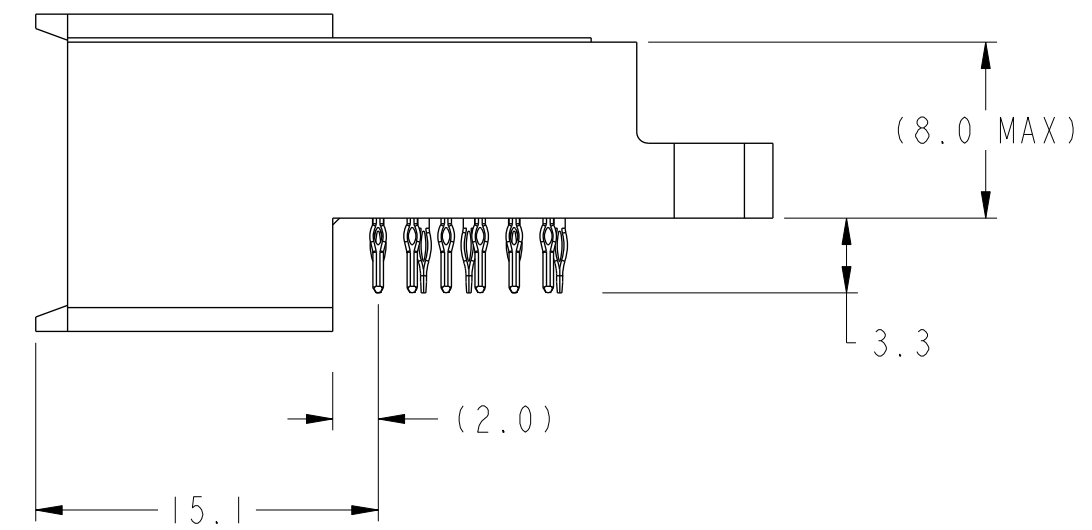
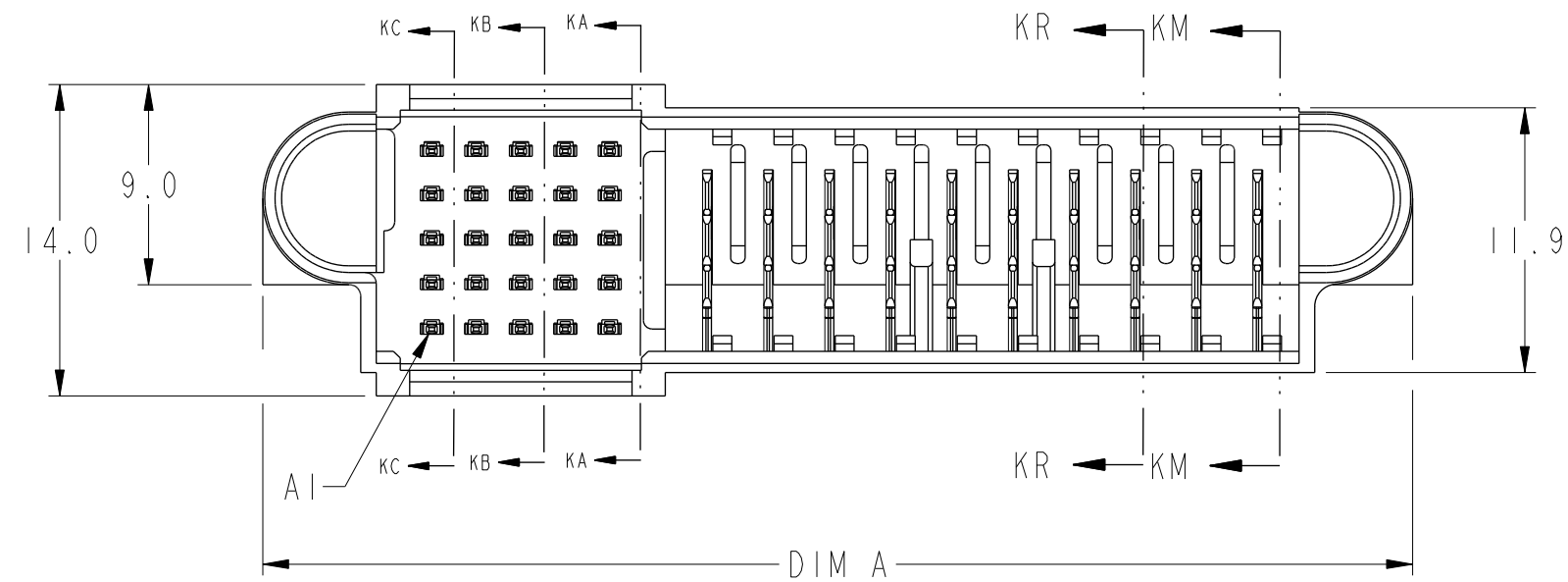
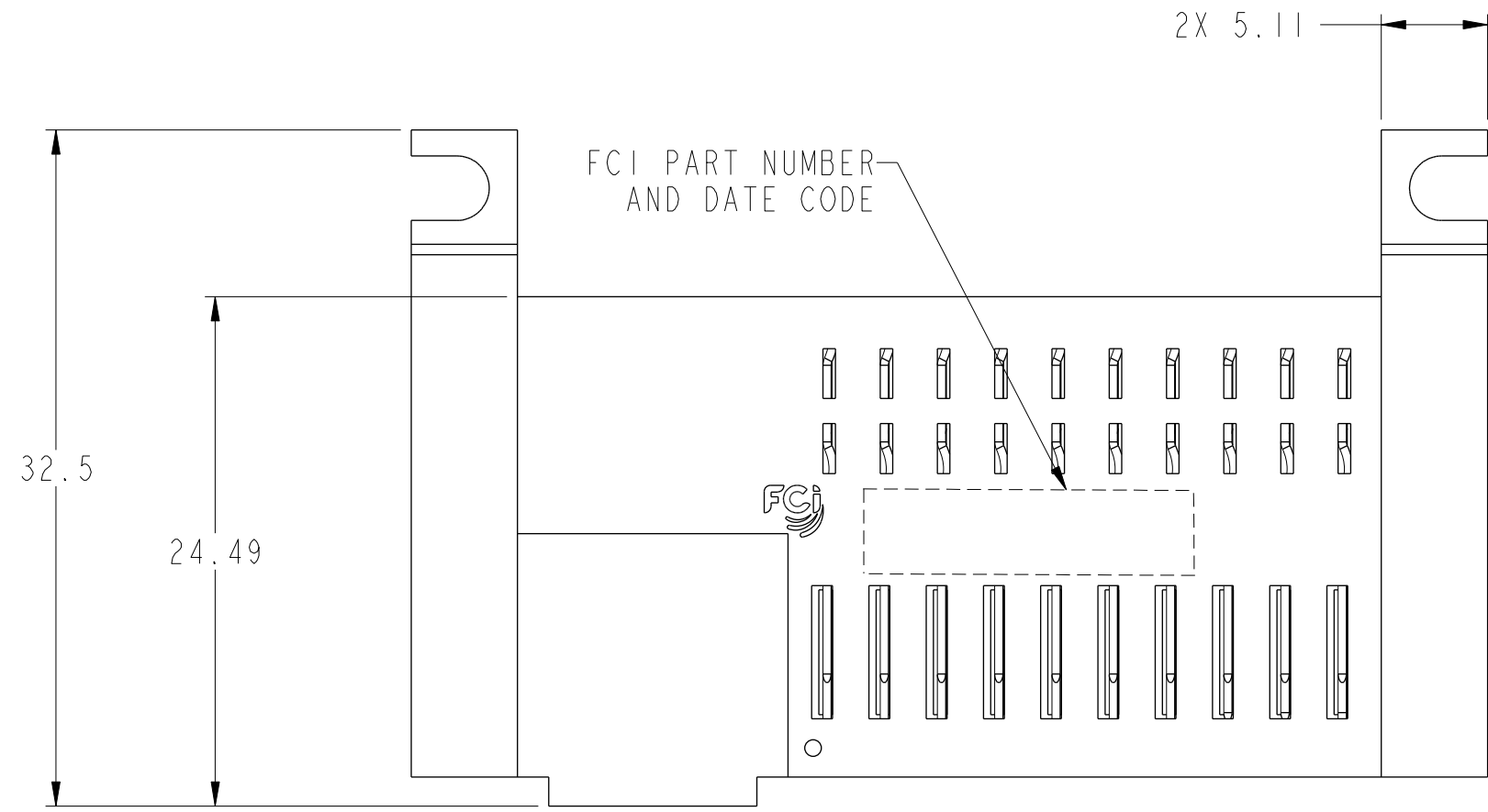
NOTES:

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 MIN Ni UNDERPLATING ALL OVER
WITH 0.76µm MIN GXT IN CONTACT MATING AREA, AND
0.5µm MIN MATTE TIN ON TAIL AREA.

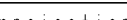
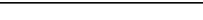
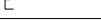
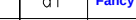
PLATING ON POWER CONTACTS: 1.27µm MIN Ni UNDERPLATING ALL OVER
WITH 0.76µm MIN GXT IN CONTACT MATING AREA, AND
0.5µm MIN MATTE TIN ON TAIL AREA.

PLATING ON HOLD DOWN IF APPLICABLE: 1.27um MIN Ni, UNDERPLATING ALL
OVER WITH 0.76um MIN 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		Fancy Zhang		2015/05/12		projection				MM		size		A2		scale		3:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Fancy Zhang		2015/05/27						ecn no		-		-		-		-	
ASME Y14.5				chr		-		-															
-				appr		Pei-Ming Zheng		2015/05/27															
-										product family		PwrLoPro		rel level		Released							
surface				linear		0.X		±0.30				title		PWR LoPro HEADER ASSEMBLY		dwg no		10135322		rev		A	
				0.XX		±0.20																	
				0.XXX		±0.10																	
ASME Y14.5		angular		0°		±2°		www.fci.com		cat. no.		-		Product -		Customer Drw		sheet 1 of 10					



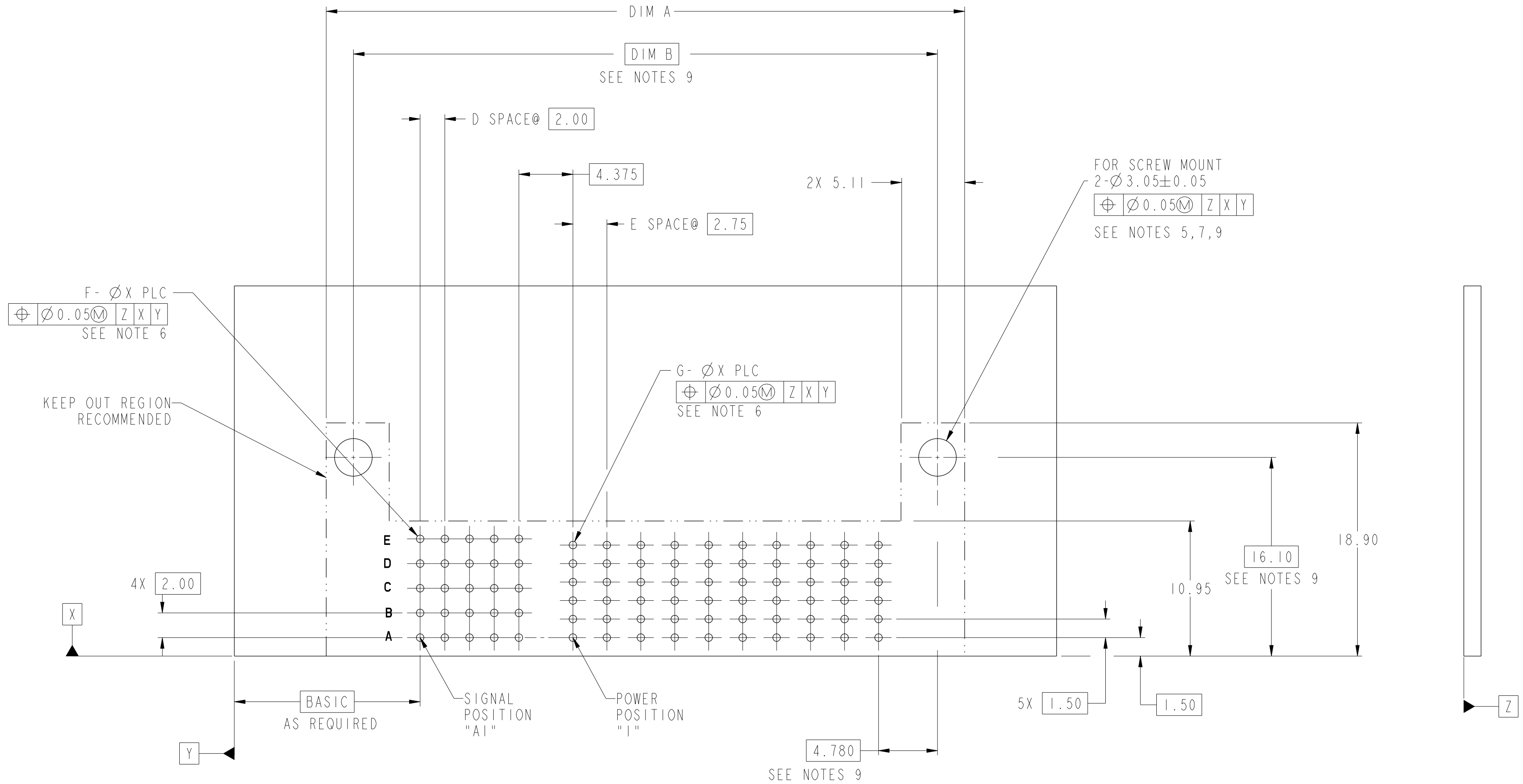
SCREW MOUNT TYPE AS SHOWN

spec ref		SEE NOTE			dr		Fancy Zhang		2015/05/12		projection				MM		size		A2		scale		3:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Fancy Zhang		2015/05/27				ecm no		-		rel level		Released						
ASME Y14.5					chr		-		-																
-		appr		Pei-Ming Zheng		2015/05/27		product family		PwrLoPro															
surface				linear				title		PWR LoPro HEADER ASSEMBLY		cat. no.		-		Product - Customer Drw		sheet 2 of 10		rev		A			
ASME Y14.5				0.X																				±0.30	
				0.XX																				±0.20	
		0.XXX		±0.10																					
angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 10											

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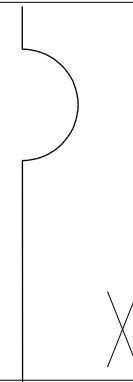
RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT SEE NOTE 4
FOR 10135322-XXXLF SCREW MOUNT TYPE
(AS VIEWED FROM COMPONENT SIDE)

spec ref	SEE NOTE	dr	Fancy Zhang	2015/05/12	projection	MM	size	A2	scale	5:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Fancy Zhang	2015/05/27	chr	-	ecn no	-		
ASME Y14.5		appr	Pei-Ming Zheng	2015/05/27	product family	PwrLoPro	rel level	Released		
surface	linear	0.X	±0.30		title	PWR LoPro HEADER ASSEMBLY	no	10135322	rev	A
ASME Y14.5	angular	0°	±2°		www.fci.com	cat. no.	-	Product - Customer Drw	sheet 3 of 10	

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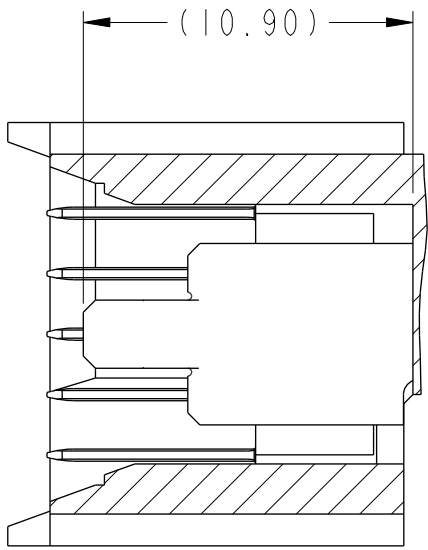
CUSTOMER LOADING WORKSHEET FOR SIGNAL & POWER SEQUENCING LEVELS																																					
PWR LO PRO - MATING FACE OF HEADER CONNECTOR(4)																																					
E										COLUMNS																											
D																																					
C																																					
B																																					
A																																					
ROWS	MOUNTING FEATURE (3)	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	MOUNTING FEATURE (3)		
		SIGNAL CONTACTS(2)								POWER CONTACTS(1)																											

- 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"

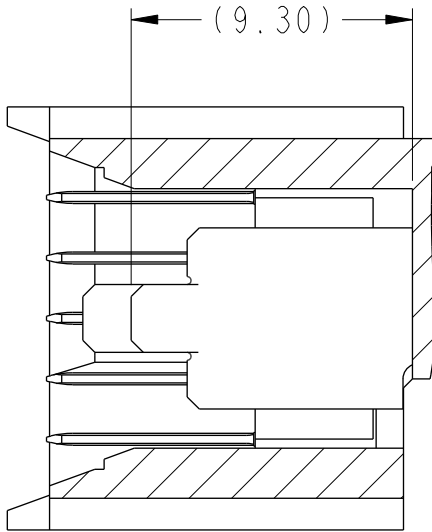
- H : HOLD DOWN TYPE

- 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.

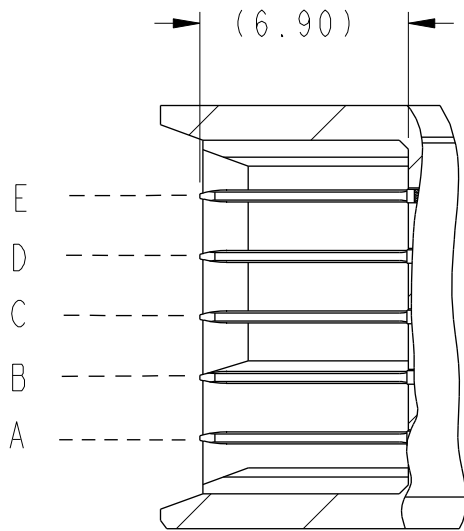
CODE	DESCRIPTION
1	FOR LEVEL 1
2	FOR LEVEL 2
32222	FOR LEVEL 32222 (MIXED)
3	FOR LEVEL 3



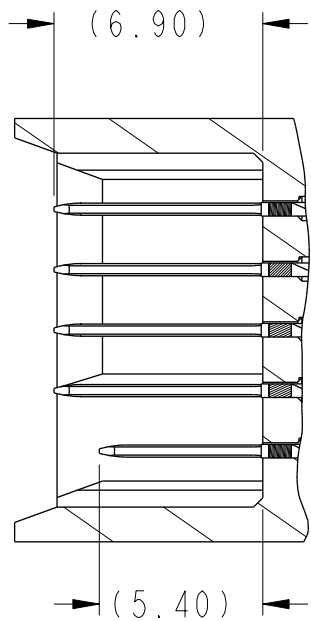
POWER
SECTION KM-KM
LEVEL 1:
LONGEST MATING
CONTACTS



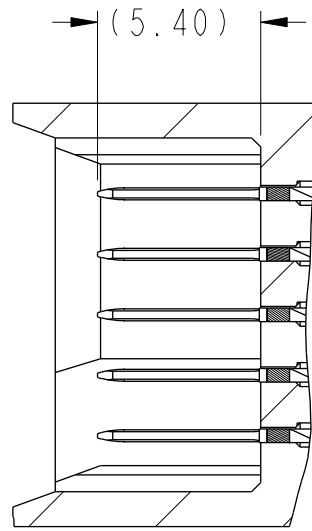
POWER
SECTION KR-KR
LEVEL 2:
SHORTEST MATING
CONTACTS



SIGNAL
SECTION KA-KA
LEVEL 2:
ALL LONGEST
CONTACTS



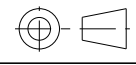
SIGNAL
SECTION KB-KB
LEVEL 32222 (MIXED):
ROW "A", SHORTEST CONTACT
ROW "B" THRU "E", LONGEST CONTACTS



SIGNAL
SECTION KC-KC
LEVEL 3:
ALL SHORTEST
CONTACTS



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spec ref		SEE NOTE			dr		Fancy Zhang		2015/05/12		projection		MM		size		A2		scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Fancy Zhang		2015/05/27						A2		1:1					
ASME Y14.5					chr		-															
-					appr		Pei-Ming Zheng		2015/05/27													
											product family		PwrLoPro		rel level		Released					
surface		linear		0.X		±0.30				title		PWR LoPro HEADER ASSEMBLY RA, PASSIVE GUIDE,S+P		dwg no		10135322		rev		A		
		0.XX		±0.20																		
		0.XXX		±0.10																		
ASME Y14.5		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 7 of 10						

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