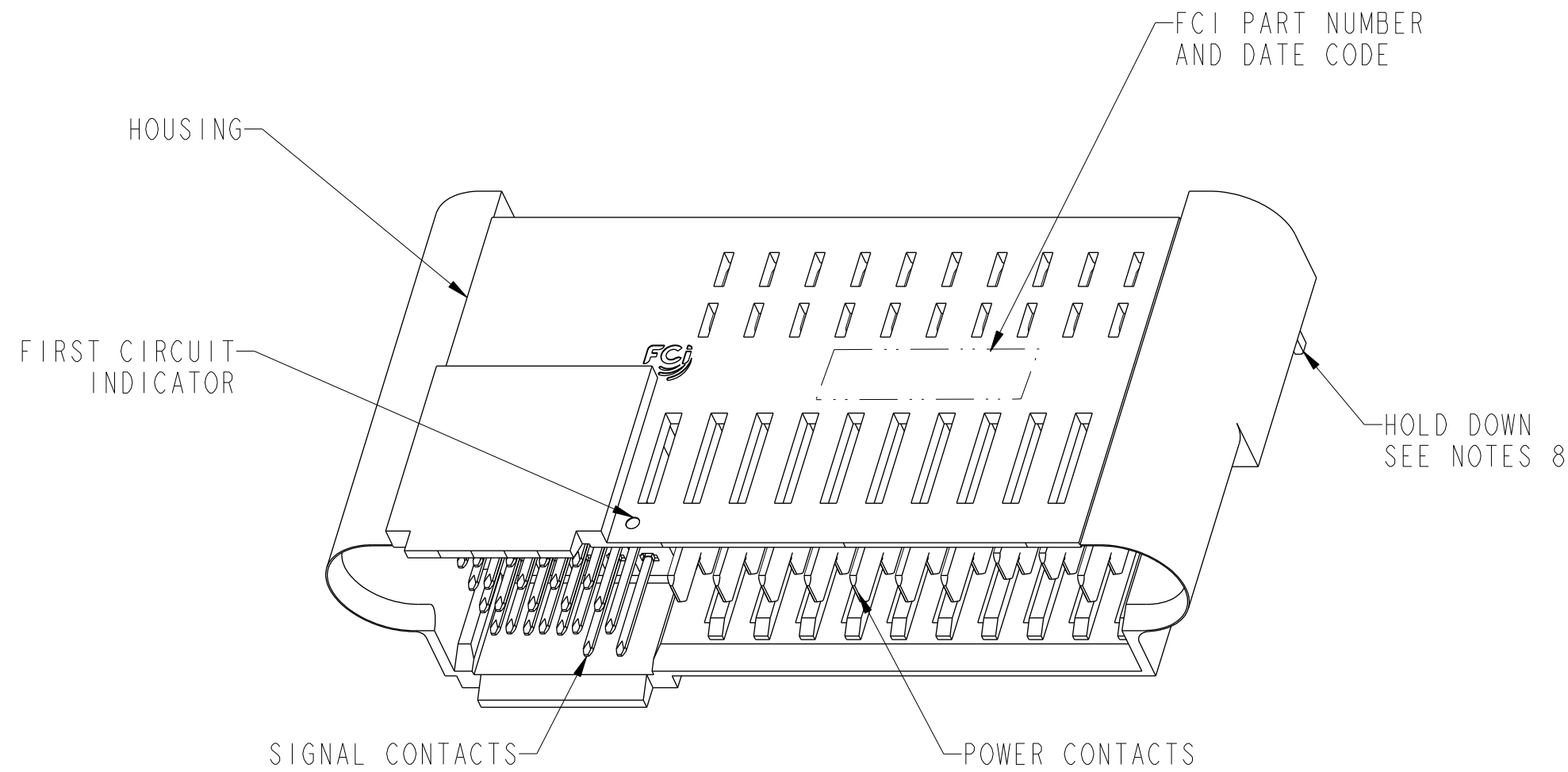
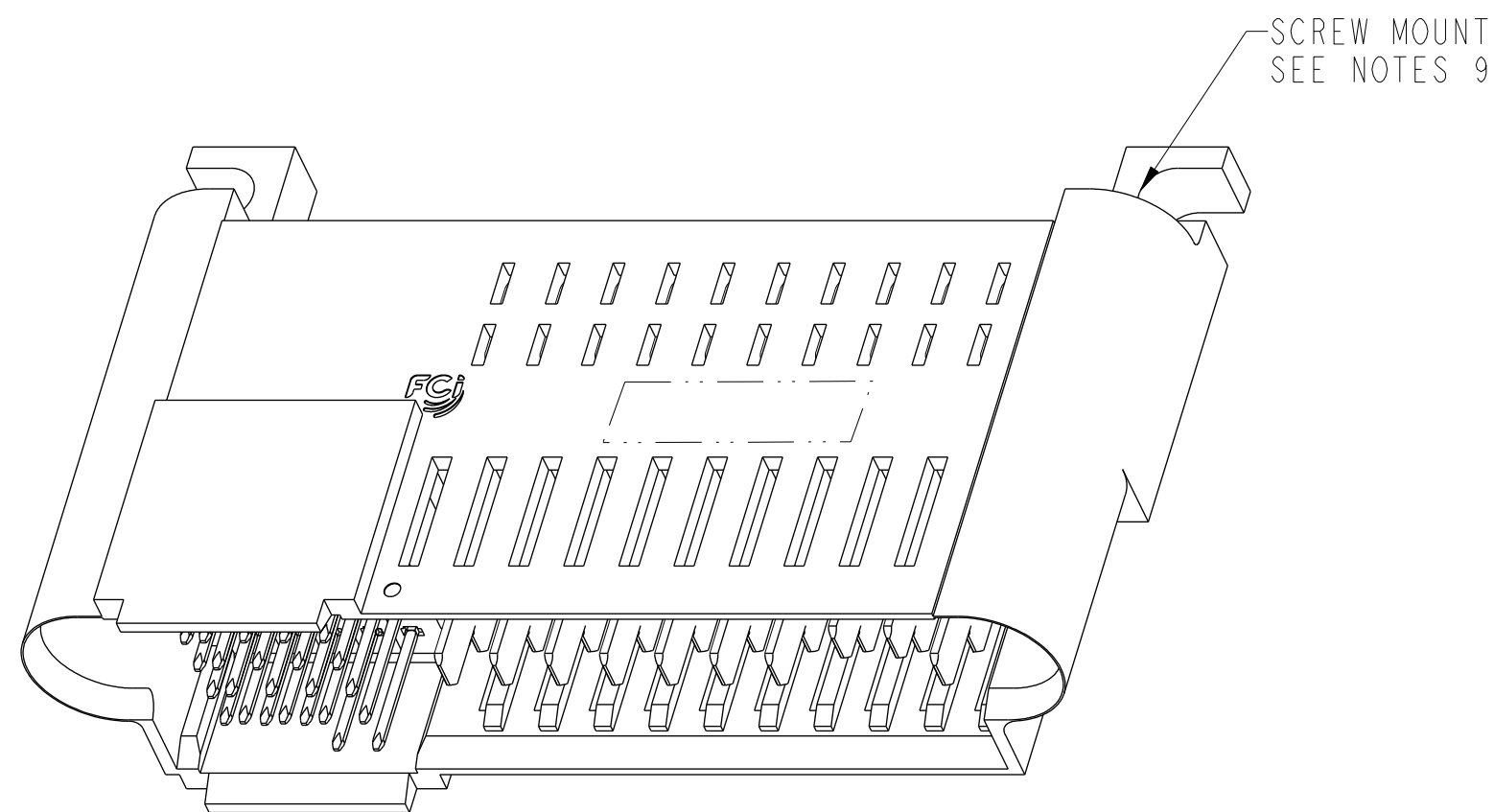




25Sx10P CONFIGURATION SHOWN
HOLD DOWN TYPE



25Sx10P CONFIGURATION SHOWN
SCREW MOUNT TYPE

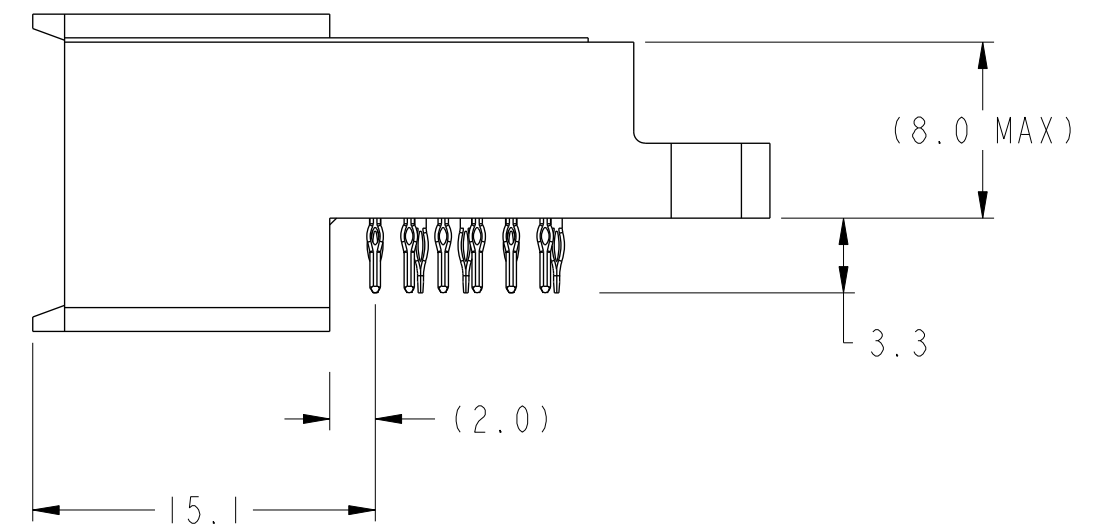
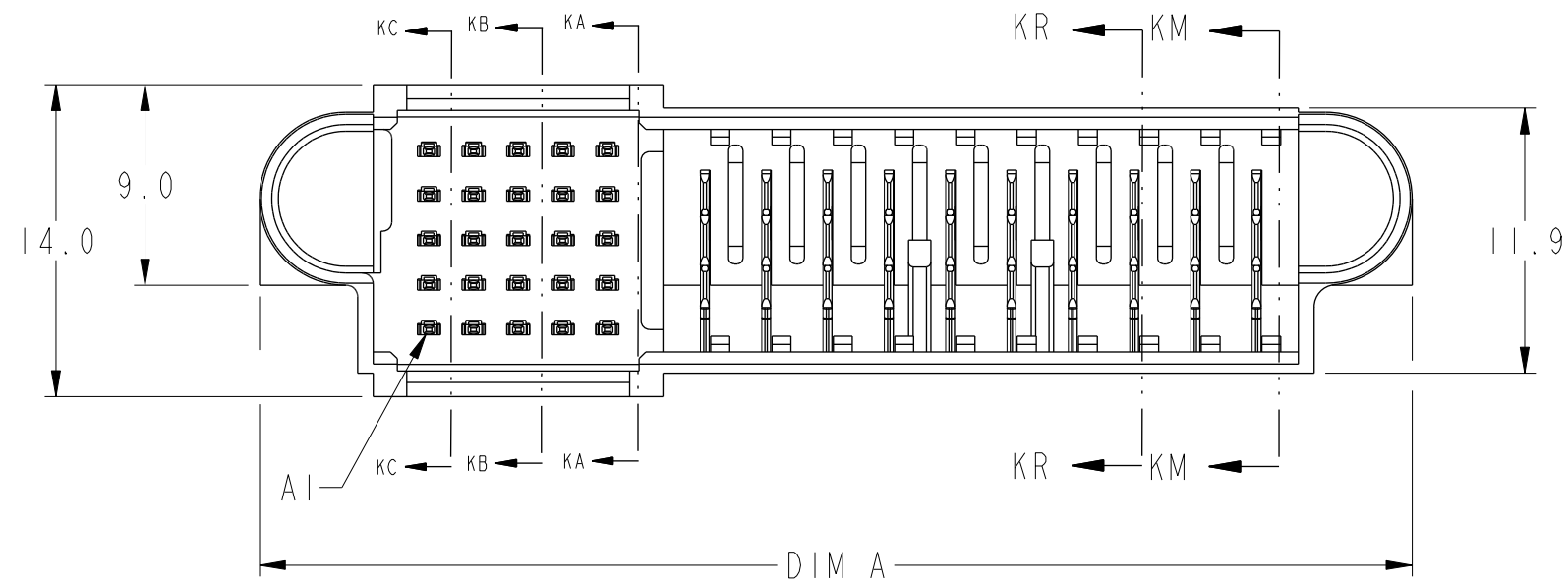
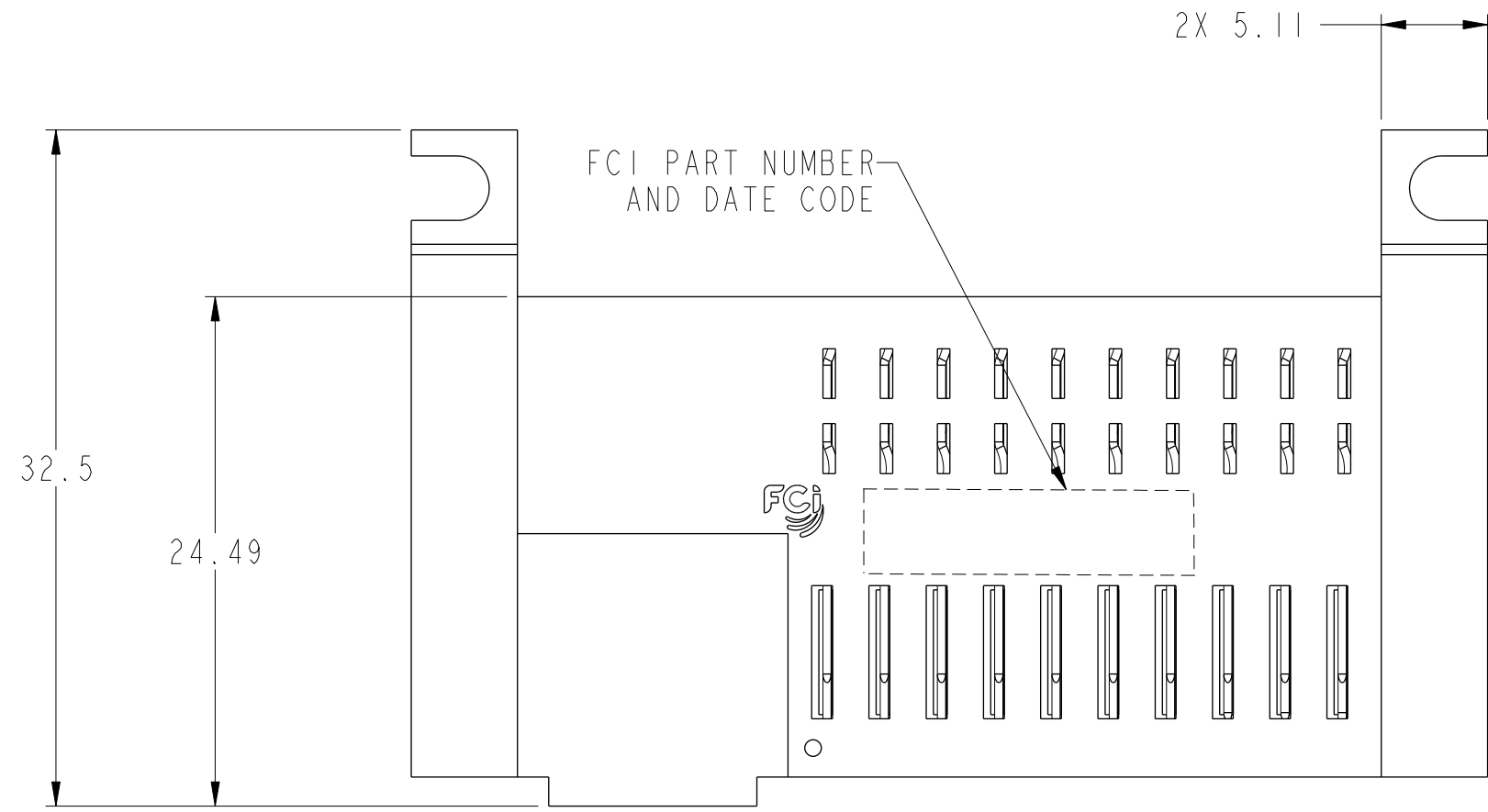
NOTES:

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

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

PLATING ON HOLD DOWN IF APPLICABLE: 1.27 μ m MIN Ni, UNDERPLATING ALL OVER WITH 0.76 μ m 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 $\varnothing 0.61 \pm 0.05$ mm, FOR SOLDER $\varnothing 0.90 \pm 0.05$ 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													
surface ASME Y14.5		linear angular		0.X		±0.30				PWR LoPro HEADER ASSEMBLY		10135322		rev		A					
				0.XX		±0.20															
				0.XXX		±0.10															
				0°		±2°															
				www.fci.com		cat. no.		-		Product -		Customer Drw		sheet 1 of 10							



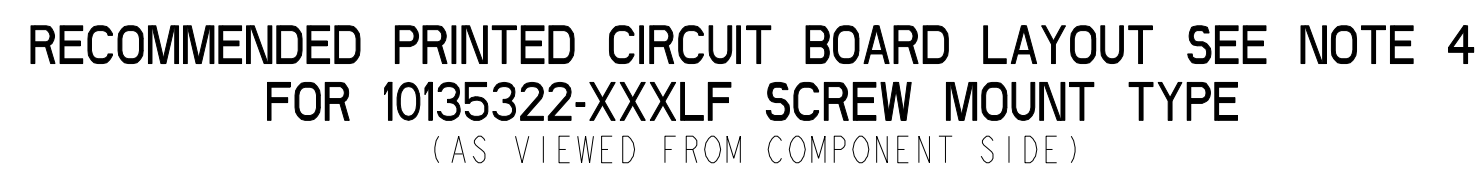
SCREW MOUNT TYPE AS SHOWN

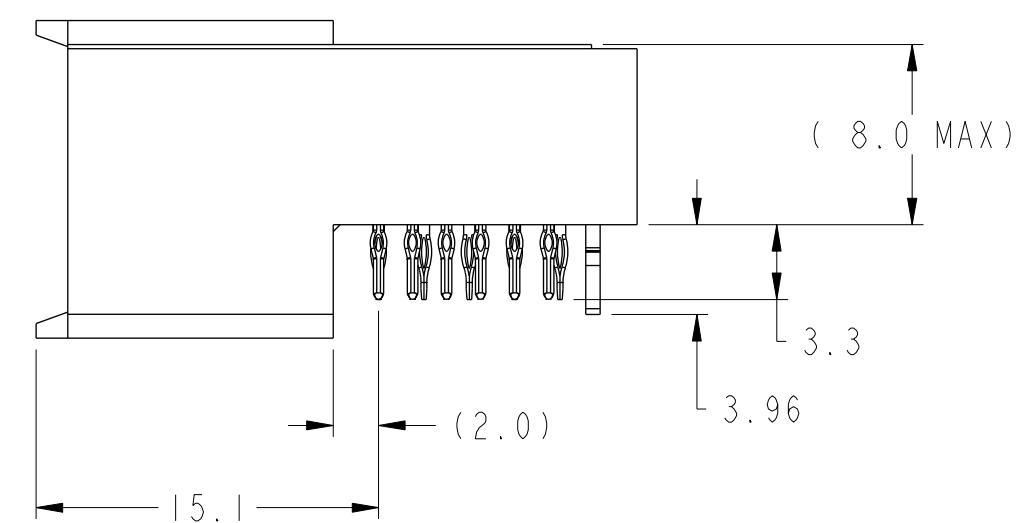
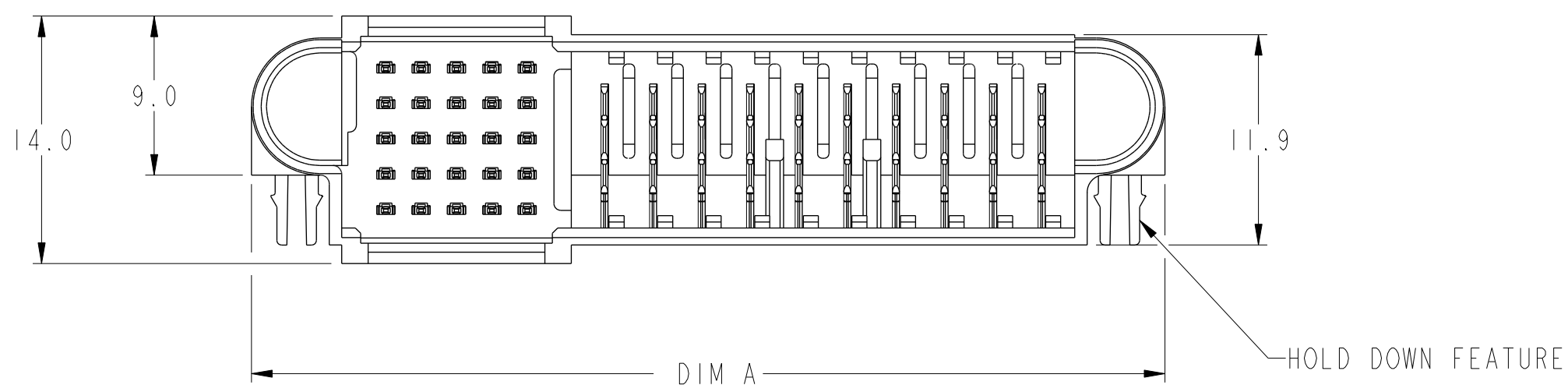
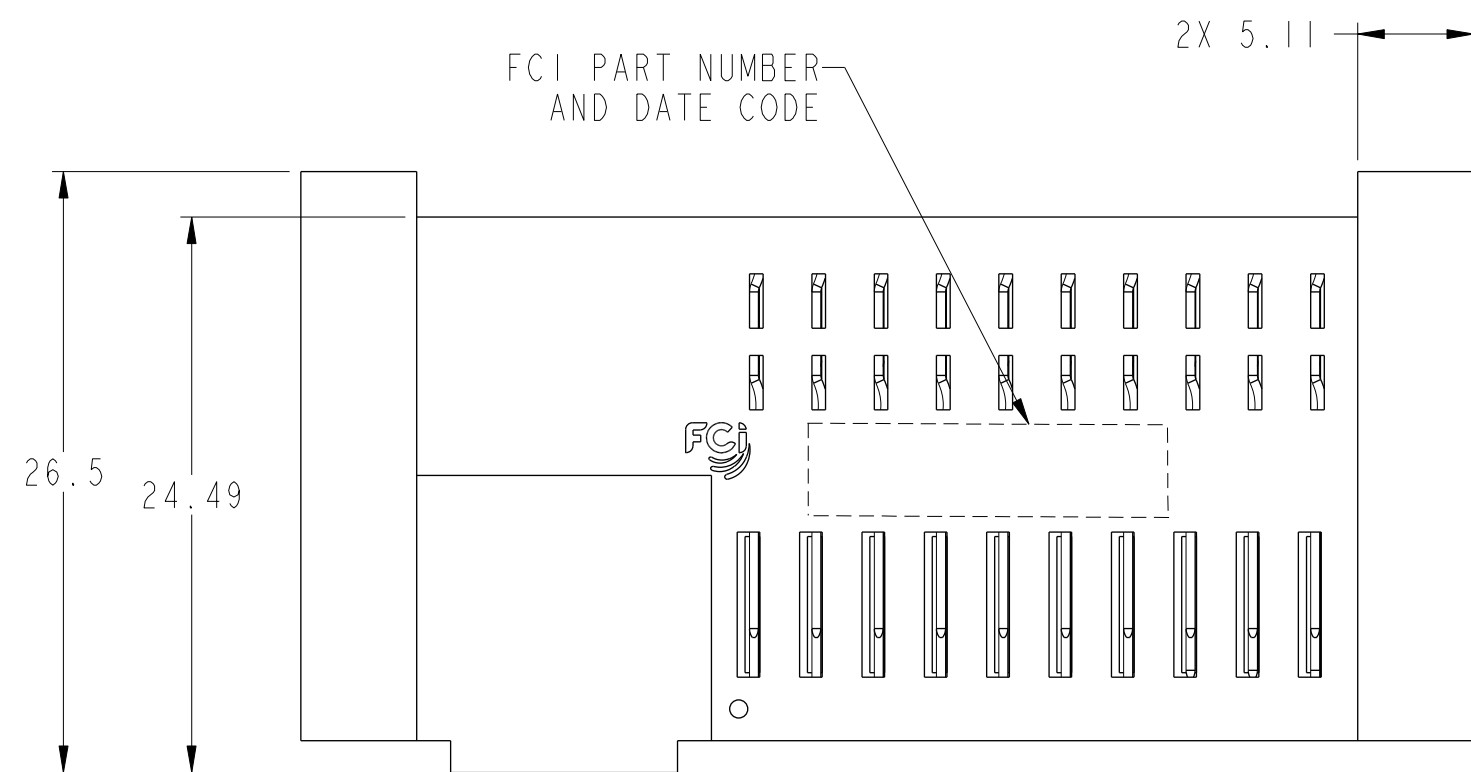
spec ref	SEE NOTE	dr	Fancy Zhang	2015/05/12	projection	MM	size	A2	scale	3:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Fancy Zhang	2015/05/27	chr	-	ecn no	-		
ASME Y14.5		appr	Pei-Ming Zheng	2015/05/27	product family	PwrLoPro	rel level	Released		
surface	linear	0.X	±0.30	0.XX	±0.20	0.XXX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

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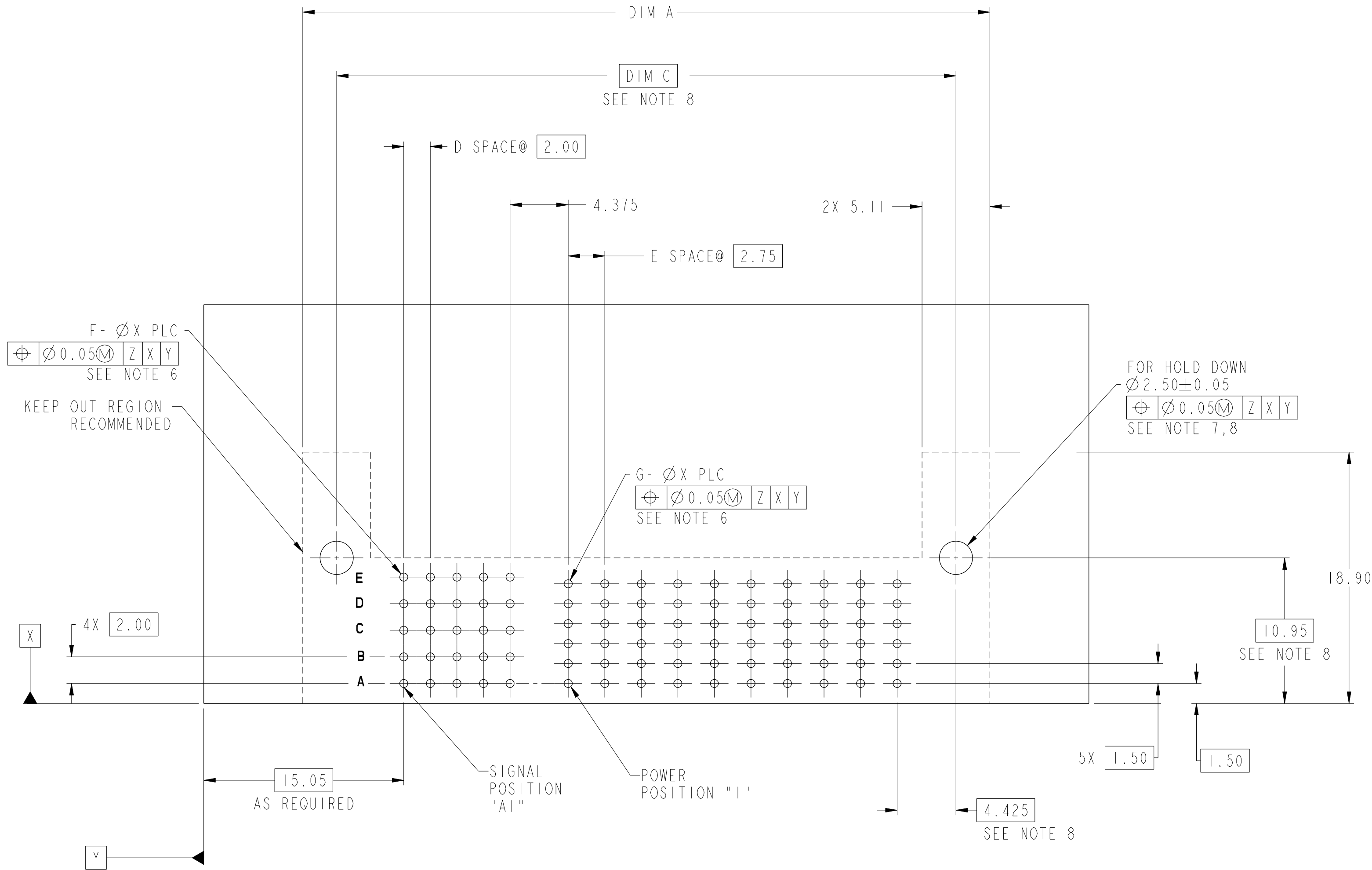
HOLD DOWN TYPE AS SHOWN

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						ecn 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		dwg no		10135322		rev		A			
ASME Y14.5		angular		0°				±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 4 of 10			

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

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	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	cat. no	10135322	rev	A
ASME Y14.5	angular	0°	±2°		www.fci.com		Product - Customer Drw	sheet 5 of 10		

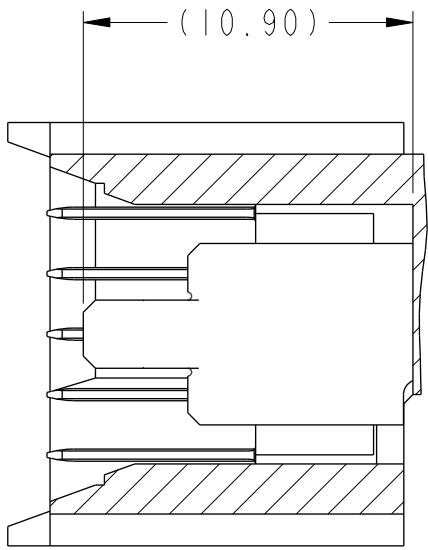
CUSTOMER LOADING WORKSHEET FOR SIGNAL & POWER SEQUENCING LEVELS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
PWR LO PRO - MATING FACE OF HEADER CONNECTOR(4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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- 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"

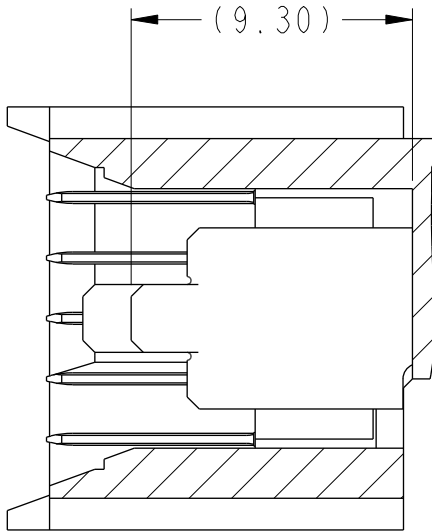
- H : HOLD DOWN TYPE

- 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.

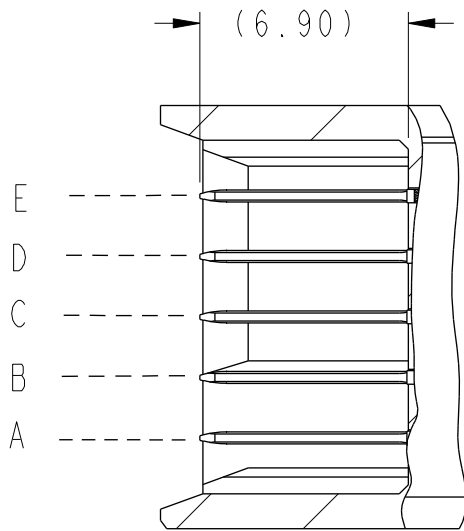
CODE	DESCRIPTION
1	FOR LEVEL 1
2	FOR LEVEL 2
32222	FOR LEVEL 32222 (MIXED)
3	FOR LEVEL 3



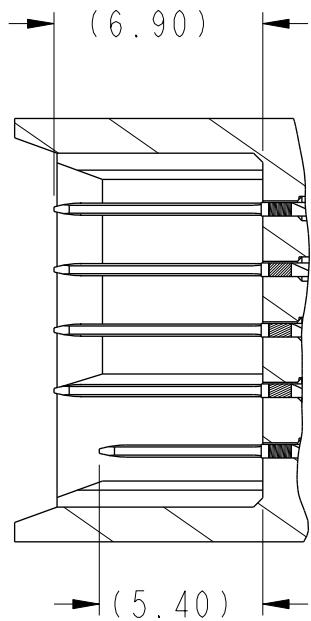
POWER
SECTION KM-KM
LEVEL 1:
LONGEST MATING
CONTACTS



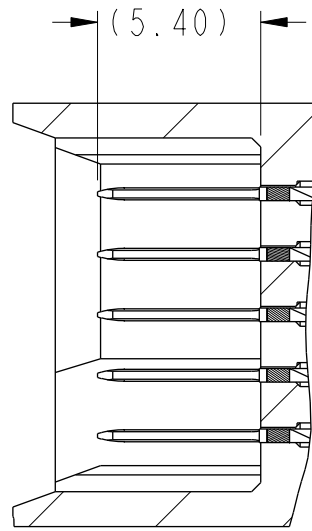
POWER
SECTION KR-KR
LEVEL 2:
SHORTEST MATING
CONTACTS



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						ecn no		-		rel level		Released	
ASME Y14.5					chr		-		-													
-					appr		Pei-Ming Zheng		2015/05/27													
surface		linear		0.X		±0.30				title		PWR LoPro HEADER ASSEMBLY		dwg no		10135322		rev		A		
ASME Y14.5		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						

1		2		3		4		5		6		7		8					
PART NUMBER	ROWS		SIGNALS					POWERS											
			1	2	3	4	5	1	2	3	4	5	6	7	8				
10135322-006LF 25S + 8P	E		2	2	32222	2	2	1	1	2	2	2	2	2	1				
	D																		
	C																		
	B																		
	A																		
PART NUMBER		ROWS		SIGNALS					POWERS										
			1	2	3	4	5	1	2	3	4	5	6	7	8	9	10		
10135322-007LF 25S + 10P	E		2	2	2	2	3	2	2	2	2	2	2	2	2	2			
	D																		
	C																		
	B																		
	A																		
PART NUMBER		ROWS		SIGNALS			POWERS												
			1	2	3	1	2												
10135322-008LF 15S + 2P	E		32222	2	2	1	2												
	D																		
	C																		
	B																		
	A																		
PART NUMBER		ROWS		SIGNALS					POWERS										
			1	2	3	4	5	1	2	3	4	5	6	7	8	9	10		
10135322-009LF 25S + 10P	E		2	2	3	2	2	2	2	2	2	2	2	2	2	2			
	D																		
	C																		
	B																		
	A																		

1

2

3

4

5

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spec ref	SEE NOTE			dr	Fancy Zhang	2015/05/12			size	A2	scale	1:1
tolerance std	ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Fancy Zhang	2015/05/27	ecn no			-			
chr			-	-								
appr			Pei-Ming Zheng	2015/05/27	product family	PwrLoPro			rel level	Released		
surface		linear	0.X	±0.30		PWR LoPro HEADER ASSEMBLY	cat. no.	-	Product - Customer Drw	sheet 9 of 10	rev	A
			0.XX	±0.20								
ASME Y14.5	angular	0°	±2°	www.fci.com								

