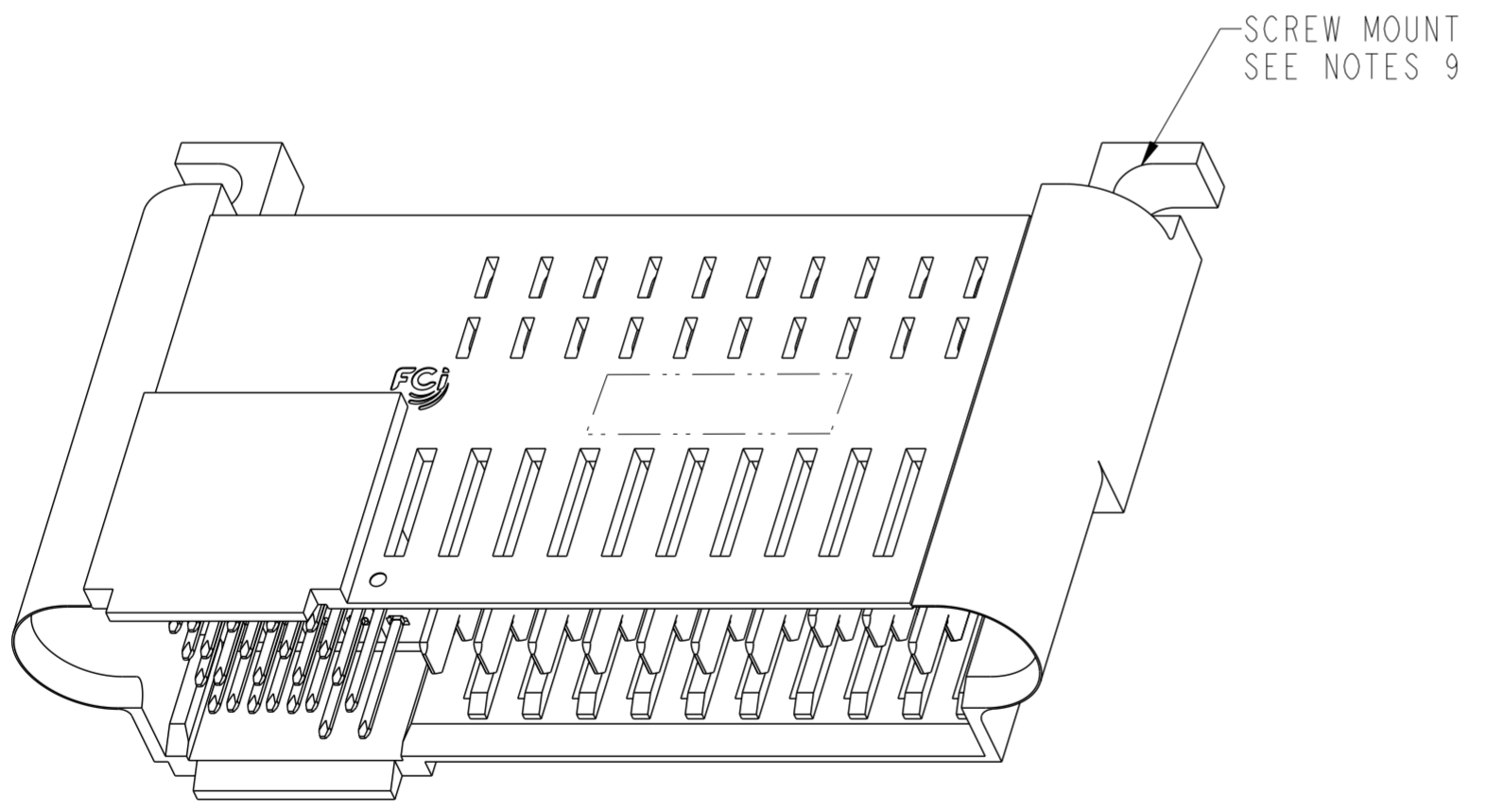


**25Sx10P CONFIGURATION SHOWN
HOLD DOWN TYPE**



**25Sx10P CONFIGURATION SHOWN
SCREW MOUNT TYPE**

NOTES:

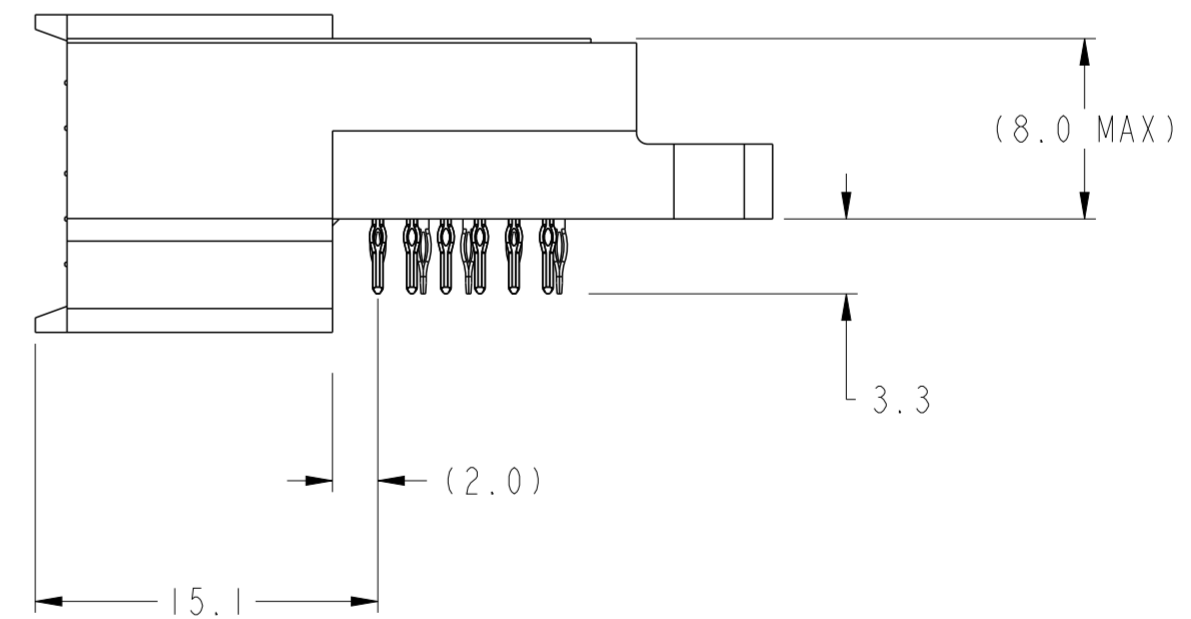
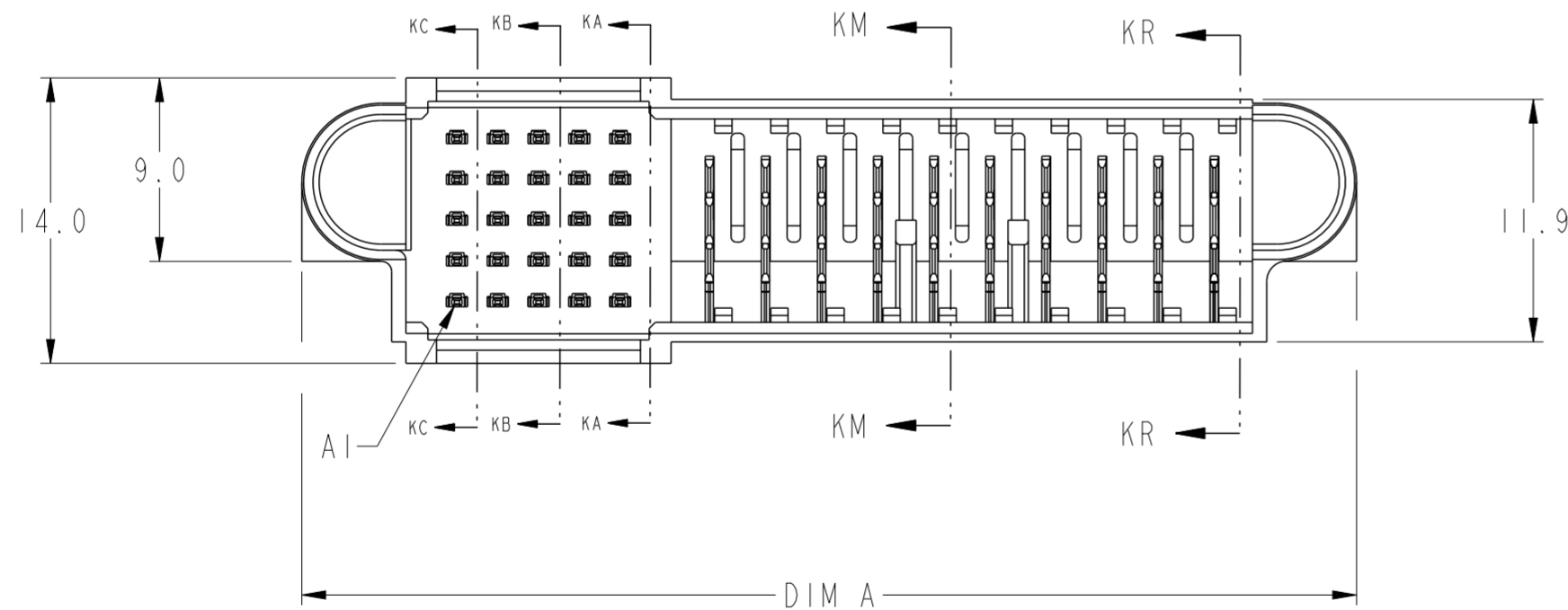
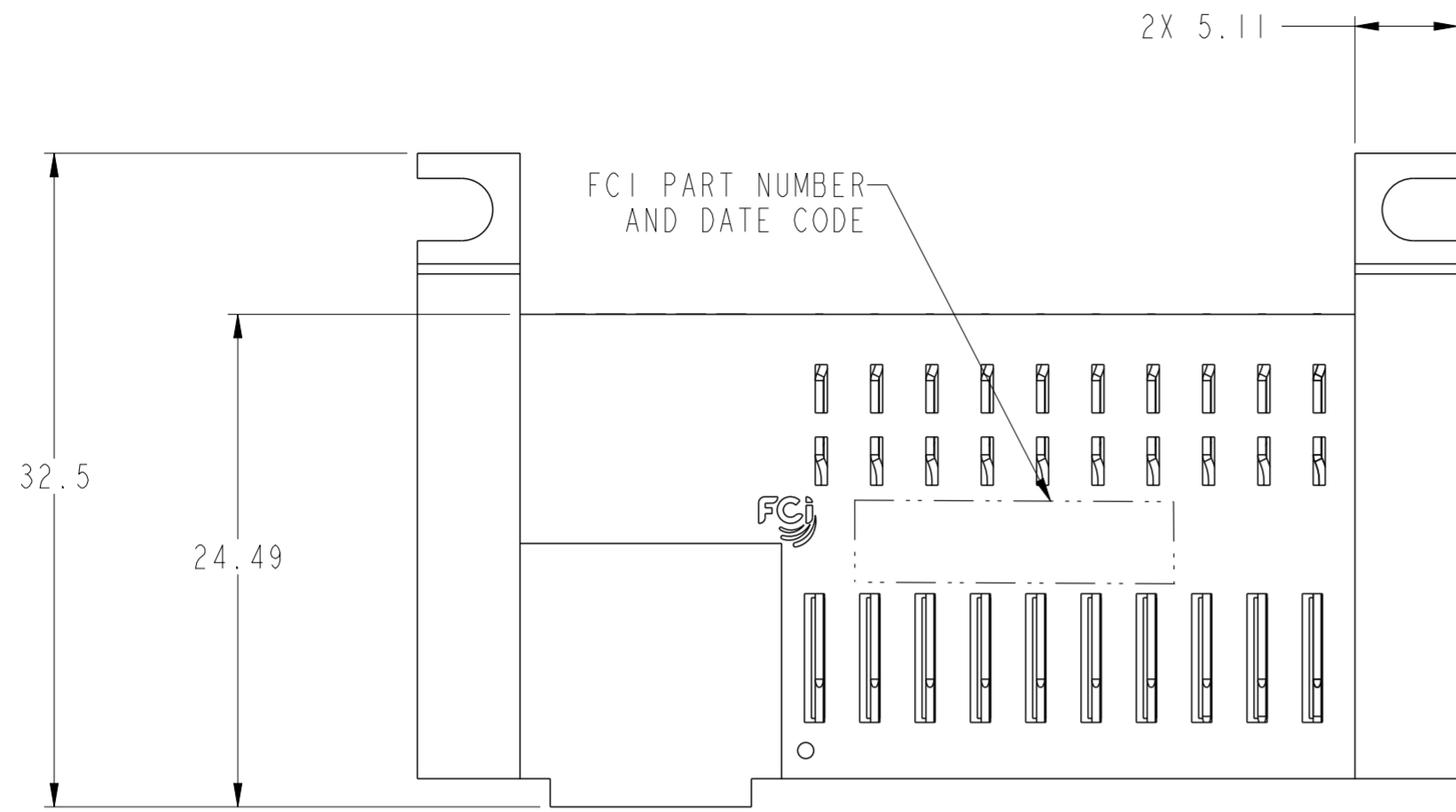
1. HOUSING MATERIAL: GF LCP, COLOR: BLACK, UL 94 V-0 RATED
SIGNAL CONTACT MATERIAL: PHOSPHOR BRONZE
SIGNAL PIN OVERMOLD MATERIAL: GF POLYESTER
POWER CONTACT MATERIAL: COPPER ALLOY
2. PLATING ON SIGNAL CONTACTS: 1.27µm MIN Ni UNDERPLATING ALL OVER WITH 0.76µm MIN GXT IN CONTACT MATING AREA, AND 0.5µm 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: 1.27µm MIN Ni, UNDERPLATING ALL OVER WITH 0.76µm 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

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spec ref	SEE NOTE	dr	Zhang Hong-Tu	2012/08/12	projection	MM	size	A2	scale	3:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Eddy Zeng	2014/05/29			ecn no	ELX-DG-17792-1	rel level	Released		
ASME Y14.5		chr	Li-He	2014/06/08								
-		appr	Pei-Ming Zheng	2014/06/09								
surface	linear	0.X	±0.30		PWR LoPro HEADER ASSEMBLY RA, PASSIVE GUIDE, S+P	title PWR LoPro	dwg no 10122460	rev G	ASME Y14.5 angular 0° ±2°	www.fci.com cat. no.	Product - Customer Drw	sheet 1 of 10
ASME Y14.5	0.XX	±0.20										
	0.XXX	±0.10										

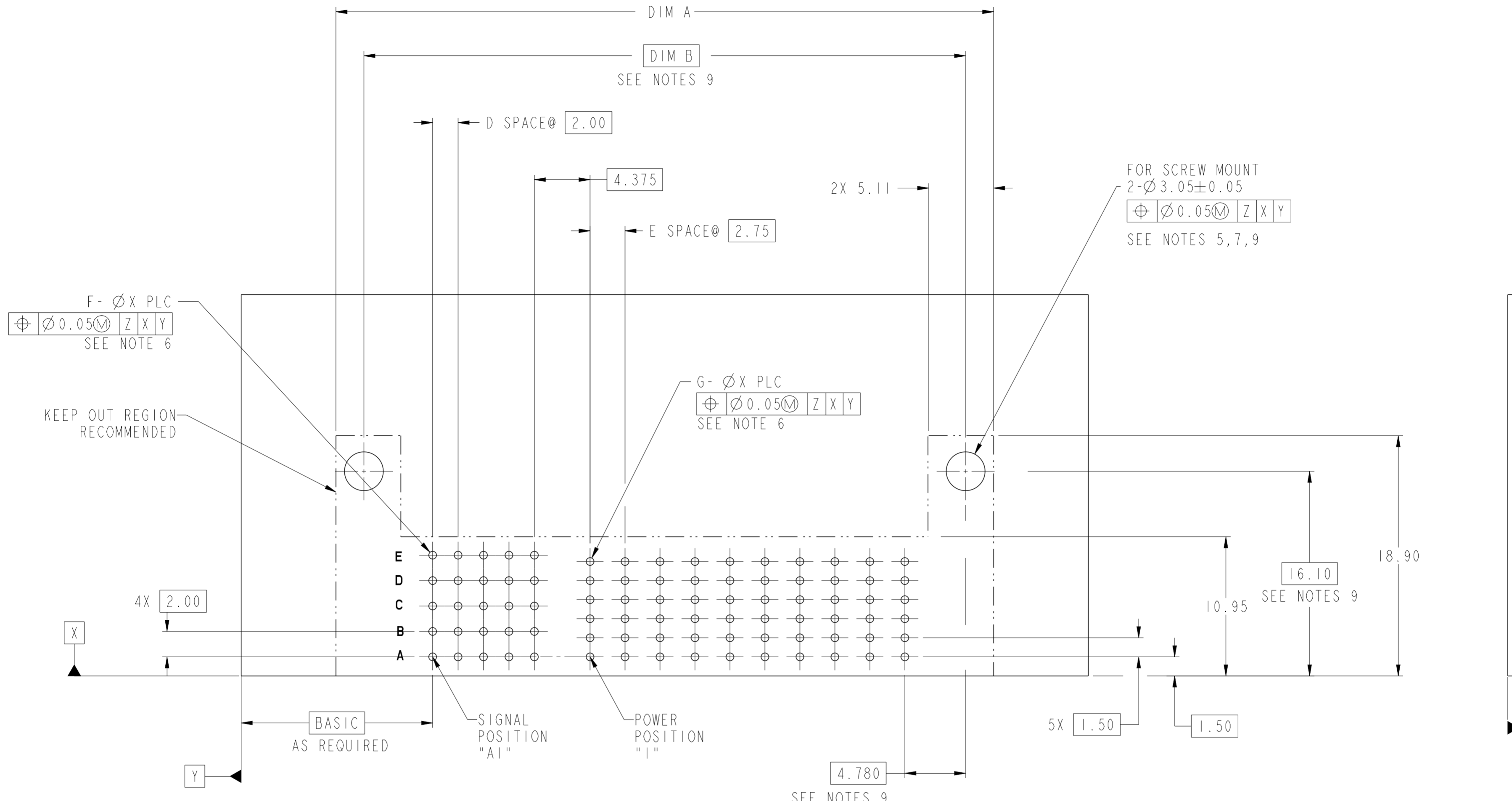


SCREW MOUNT TYPE AS SHOWN

spec ref	SEE NOTE	dr	Zhang Hong-Tu	2012/08/12	projection	MM	size	A2	scale	3:1							
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Eddy Zeng	2014/05/29			ecn no	ELX-DG-17792-1	rel level	Released							
ASME Y14.5		chr	Li-He	2014/06/08													
-		appr	Pei-Ming Zheng	2014/06/09													
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±0.30</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±0.20</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±0.10</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±2°</td> </tr> </table>	linear	0.X	±0.30		0.XX	±0.20		0.XXX	±0.10	angular	0°	±2°		title PWR LoPro HEADER ASSEMBLY RA, PASSIVE GUIDE,S+P	dwg no 10122460	rev G
linear	0.X	±0.30															
	0.XX	±0.20															
	0.XXX	±0.10															
angular	0°	±2°															
ASME Y14.5	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 2 of 10												

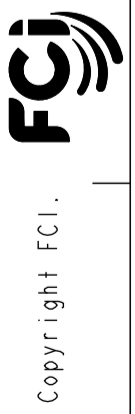


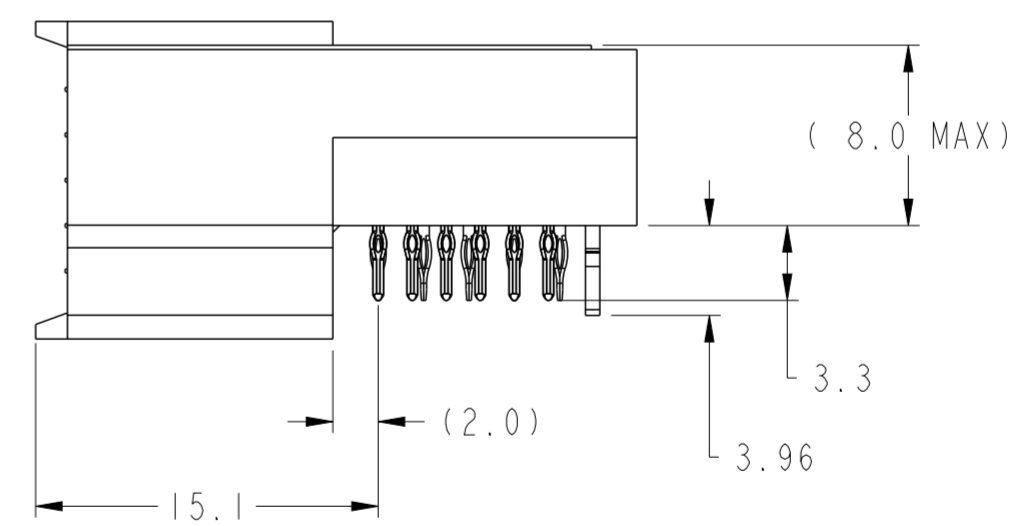
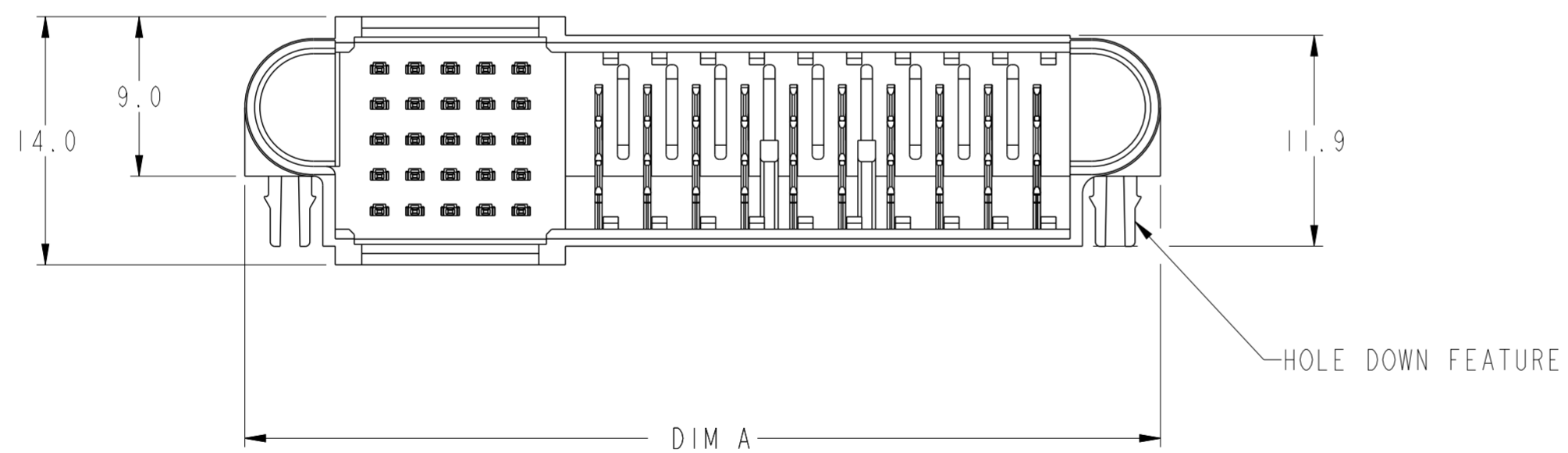
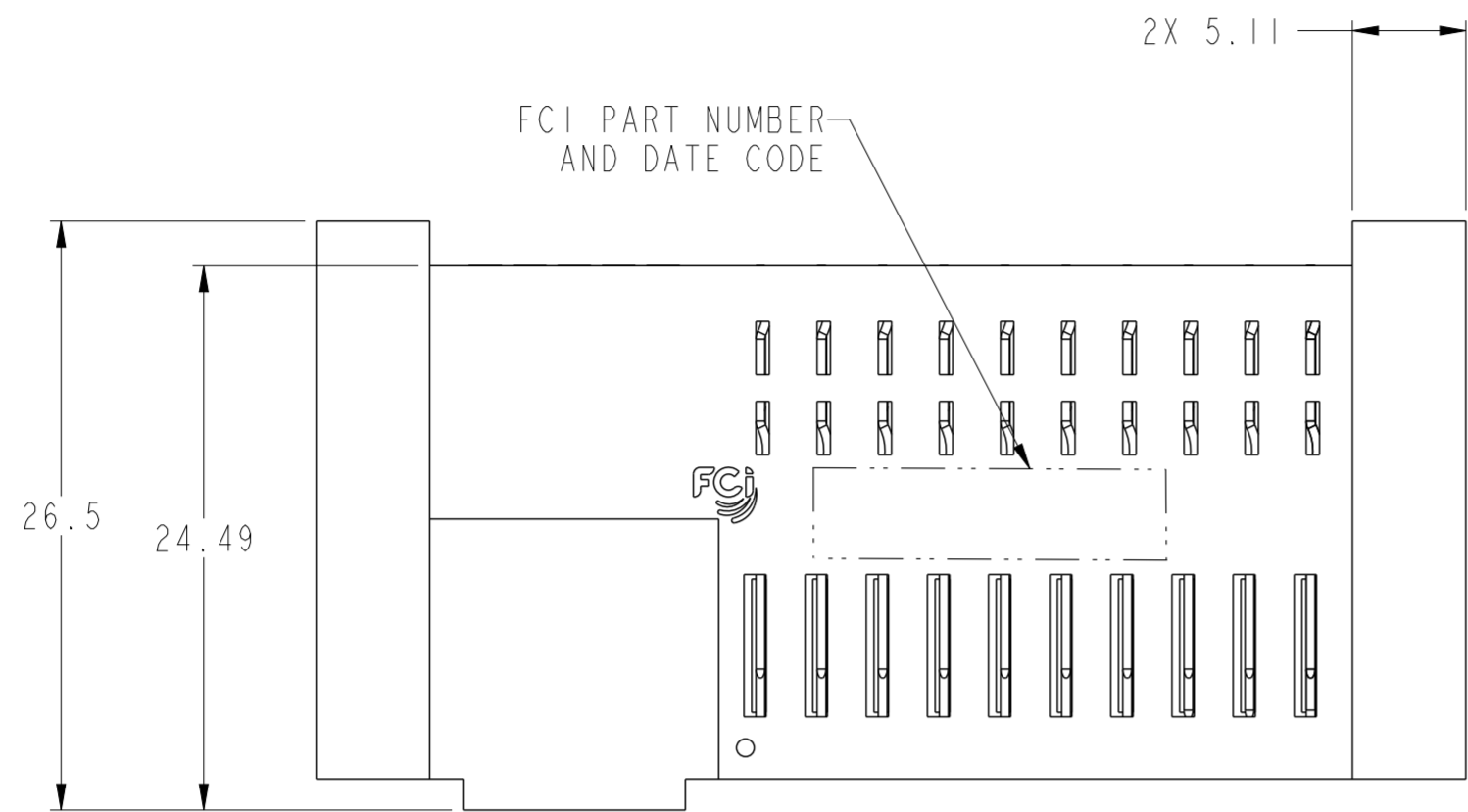
Copyright FCI.



10122460-002LF AS SHOWN
 RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT SEE NOTE 4
 FOR 10122460-XXXLF SCREW MOUNT TYPE
 (AS VIEWED FROM COMPONENT SIDE)

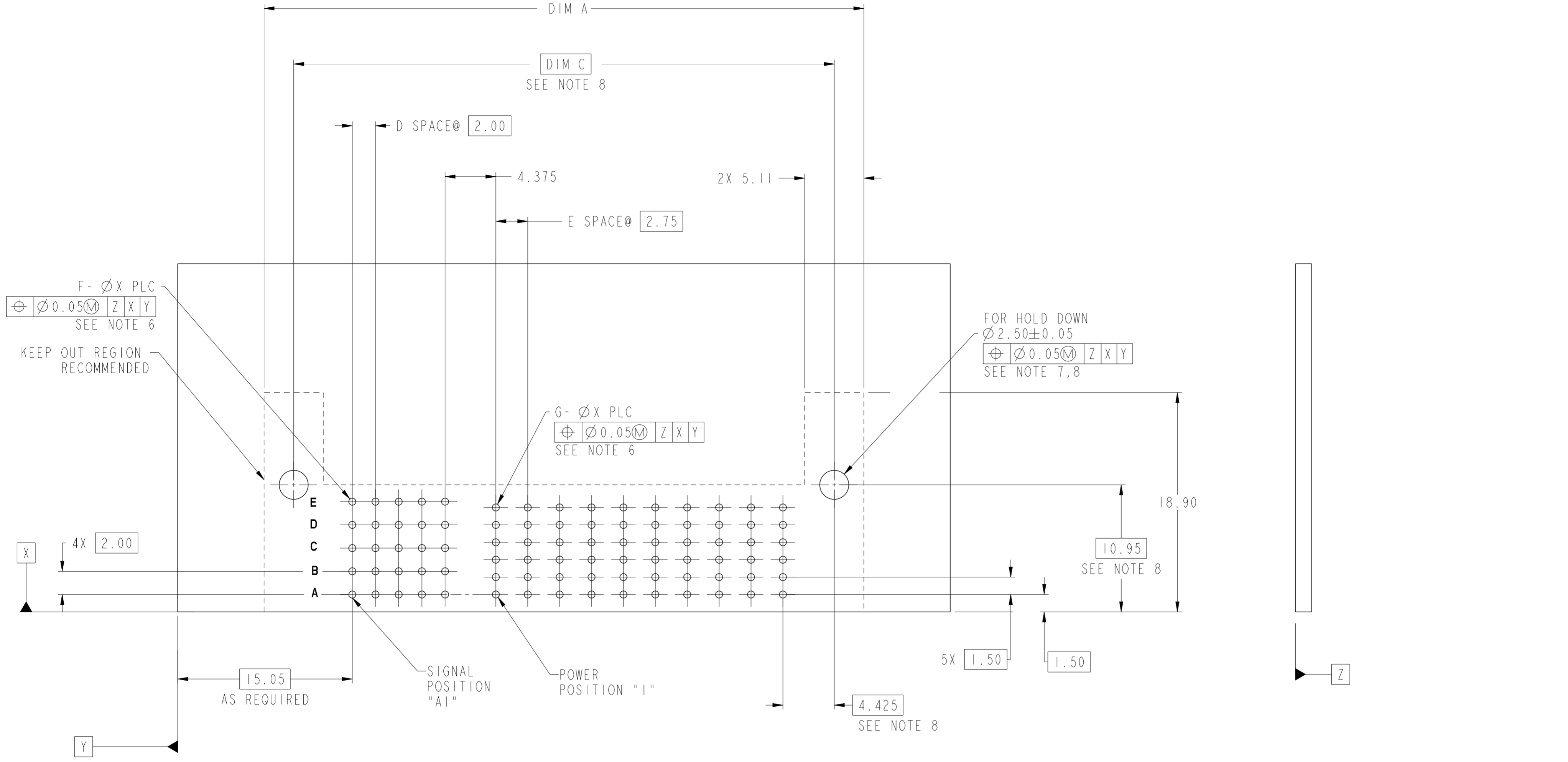
spec ref	SEE NOTE	dr	Zhang Hong-Tu	2012/08/12	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Eddy Zeng	2014/05/29		PwrLoPro	ecn no	ELX-DG-17792-1		
surface	✓	chr	Li-He	2014/06/08			rel level	Released		
ASME Y14.5	linear	appr	Pai-Ming Zheng	2014/06/09			cat. no.	Product - Customer Drw	sheet 3 of 10	
	angular				0°	±2°				



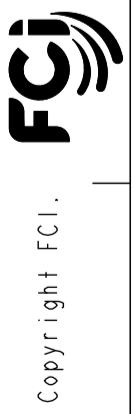


HOLE DOWN TYPE AS SHOWN

spec ref	SEE NOTE	dr	Zhang Hong-Tu	2012/08/12	projection	MM	size	A2	scale	1:1										
tolerance std	ASME Y14.5	eng	Eddy Zeng	2014/05/29			ecn no	ELX-DG-17792-1	rel level	Released										
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Li-He	2014/06/08																
		appr	Pai-Ming Zheng	2014/06/09																
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±0.30</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±0.20</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±0.10</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±2°</td> </tr> </table>	linear	0.X	±0.30		0.XX	±0.20		0.XXX	±0.10	angular	0°	±2°			product family PwrLoPro		title PWR LoPro HEADER ASSEMBLY RA, PASSIVE GUIDE,S+P	dwg no 10122460	rev G
linear	0.X	±0.30																		
	0.XX	±0.20																		
	0.XXX	±0.10																		
angular	0°	±2°																		
ASME Y14.5		www.fci.com		cat. no.	Product - Customer Drw		sheet 4 of 10													

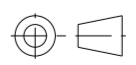
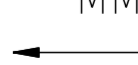


10122460-003LF AS SHOWN
 RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT SEE NOTE 4
 FOR 10122460-XXXLF HOLD DOWN TYPE
 (AS VIEWED FROM COMPONENT SIDE)



spec ref	SEE NOTE	dr	Zhang Hong-Tu	2012/08/12	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5	eng	Eddy Zeng	2014/05/29		PwrLoPro	ecn no	ELX-DG-17792-1		
surface	✓	chr	Li-He	2014/06/08			rel level	Released		
ASME Y14.5	linear	appr	Pei-Ming Zheng	2014/06/09			cat. no.	10122460		
	angular				www.fci.com	Product - Customer Drw	sheet 5 of 10			

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
10122460-001LF	35S+18P	77.71	-	72.60	6	17	35	108	HOLD DOWN
10122460-002LF	25S+10P	51.71	47.31	-	4	9	25	60	SCREW MOUNT
10122460-003LF	25S+10P	51.71	-	46.6	4	9	25	60	HOLD DOWN
10122460-004LF	25S+8P	46.21	-	41.1	4	7	25	48	HOLD DOWN
10122460-005LF	25S+10P	51.71	-	46.6	4	9	25	60	HOLD DOWN
10122460-006LF	25S+8P	46.21	-	41.1	4	7	25	48	HOLD DOWN
10122460-007LF	25S+10P	51.71	47.31	-	4	9	25	60	SCREW MOUNT
10122460-008LF	15S+2P	25.71	-	15.1	2	1	15	12	HOLD DOWN
10122460-009LF	25S+10P	51.71	-	46.6	4	9	25	60	HOLD DOWN
10122460-010LF	35S+20P	83.21	-	78.1	6	19	35	120	HOLD DOWN
10122460-011LF	25S+02P	29.71	-	24.6	4	1	25	12	HOLD DOWN

spec ref	SEE NOTE	dr	Zhang Hong-Tu	2012/08/12	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5	eng	Eddy Zeng	2014/05/29			ecn no	ELX-DG-17792-1		
chr	Li-He	2014/06/08	product family	PwrLoPro			rel level	Released		
appr	Pai-Ming Zheng	2014/06/09	title	PWR LoPro HEADER ASSEMBLY			dra no	10122460	rev	G
surface	ASME Y14.5	linear	0.X	±0.30	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 6 of 10	
		angular	0°	±2°						

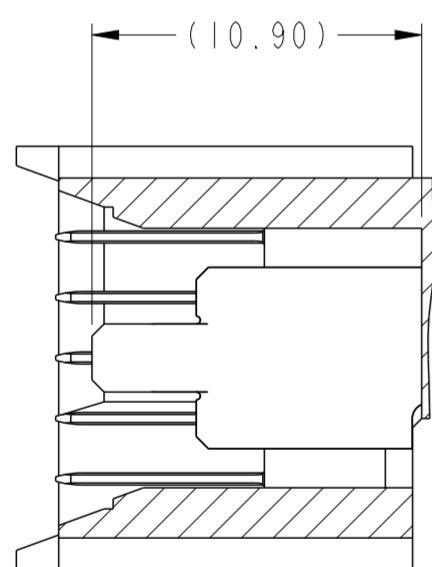
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CUSTOMER LOADING WORKSHEET FOR SIGNAL & POWER SEQUENCING LEVELS

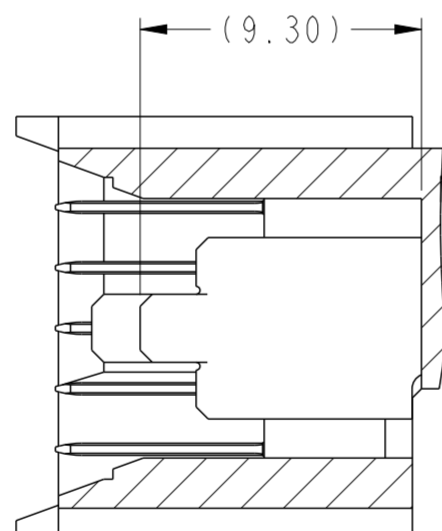
PWR LO PRO - MATING FACE OF HEADER CONNECTOR(4)

E		<p style="text-align: center;">COLUMNS</p>																																
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)																								

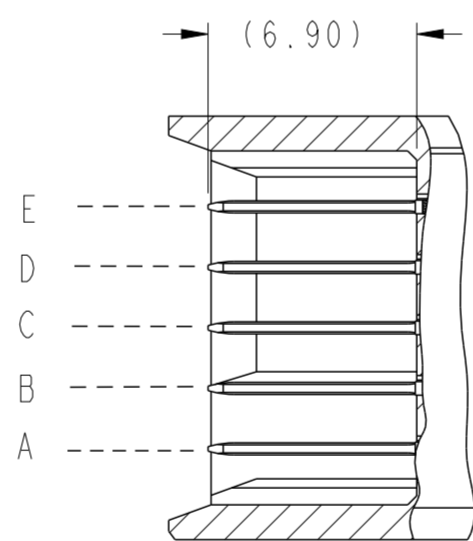
- 1). LOAD WITH CHOICE OF 2 POWER CONTACT MATING LEVELS, SEE SECTIONS KM & KR FOR AVAILABLE LEVEL OPTIONS.
- 2). LOAD WITH CHOICE OF 3 SIGNAL CONTACT MATING LEVELS, SEE SECTIONS KA,KB,&KC FOR AVAILABLE LEVEL OPTIONS.
- 3). MOUNTING FEATURE OPTION "X"
 - H : HOLD DOWN TYPE
 - S : SCREW MOUNT TYPE
- 4).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



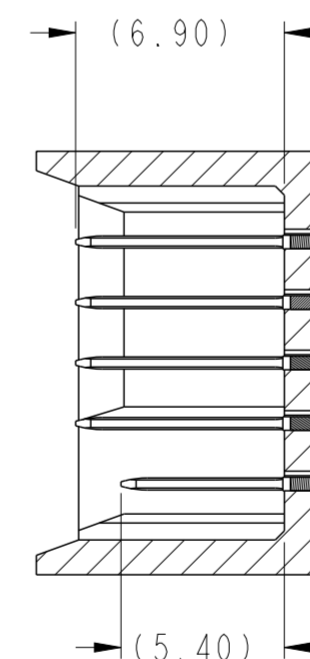
POWER SECTION KM-KM
LEVEL 1:
LONGEST MATING CONTACTS



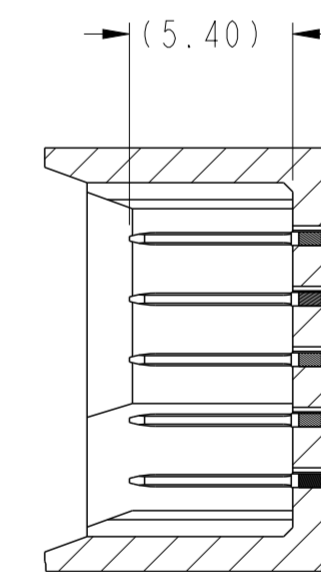
POWER SECTION KR-KR
LEVEL 2:
SHORTEST MATING CONTACTS



SIGNAL SECTION KA-KA
LEVEL 2:
ALL LONGEST CONTACTS



SIGNAL SECTION KB-KB
LEVEL 3222 (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	Zhang Hong-Tu	2012/08/12	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5	eng	Eddy Zeng	2014/05/29			ecn no	ELX-DG-17792-1	rel level	Released
surface	✓	chr	Li-He	2014/06/08						
ASME Y14.5	linear	appr	Pai-Ming Zheng	2014/06/09						
	angular	0°	±2°		product family	PwrLoPro	cat. no.		Product - Customer Drw	sheet 7 of 10
		linear	0.X	±0.30		title PWR LoPro HEADER ASSEMBLY RA, PASSIVE GUIDE,S+P	drg no 10122460	rev G		
		linear	0.XX	±0.20						
		linear	0.XXX	±0.10						

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
10122460-001LF 35S + 18P	E	H	3	3	3	3	3	3	2	2	2	-	-	-	-	-	-	-	2	2	2	2	2	2	2	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	
10122460-002LF 25S + 10P	E	S	2	2	32222	2	2	2	2	2	2	2	2	2	2	2	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	
10122460-003LF 25S + 10P	E	H	2	2	32222	2	2	2	2	2	2	2	2	2	2	2	2
	D																
	C																
	B																
	A																

PART NUMBER	ROWS	SIGNALS					POWERS								
		1	2	3	4	5	1	2	3						
10122460-004LF 25S + 8P	E	H	2	2	32222	2	2	-	-	-	-	2	2	2	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	
10122460-005LF 25S + 10P	E	H	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2
	D																
	C																
	B																
	A																

VIEWED FROM MATING FACE:

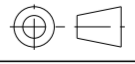
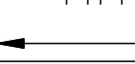
spec ref	SEE NOTE	dr	Zhang Hong-Tu	2012/08/12	projection	MM	size	A2	scale	1:1												
tolerance std	ASME Y14.5	eng	Eddy Zeng	2014/05/29			ecn no	ELX-DG-17792-1														
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	Li-He	2014/06/08			rel level	Released														
surface	<table border="1"> <tr><td>linear</td><td>0.X</td><td>±0.30</td></tr> <tr><td></td><td>0.XX</td><td>±0.20</td></tr> <tr><td></td><td>0.XXX</td><td>±0.10</td></tr> <tr><td>angular</td><td>0°</td><td>±2°</td></tr> </table>	linear	0.X	±0.30		0.XX	±0.20		0.XXX	±0.10	angular	0°	±2°	appr	Pei-Ming Zheng	2014/06/09	product family	PwrLoPro	rel level	Released		
linear	0.X	±0.30																				
	0.XX	±0.20																				
	0.XXX	±0.10																				
angular	0°	±2°																				
ASME Y14.5		www.fci.com	cat. no.		title	PWR LoPro HEADER ASSEMBLY		dra no	10122460													
					RA, PASSIVE GUIDE,S+P			rev	G													
					Product - Customer Drw			sheet 8 of 10														



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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
10122460-010LF 35S + 20P	E																											
	D																											
	C	3	3	3	3	3	3	3	2	2	2	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	
	B																											
	A																											

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

spec ref	SEE NOTE	dr	Zhang Hong-Tu	2012/08/12	projection	MM	size	A2	scale	1:1		
tolerance std	ASME Y14.5	eng	Eddy Zeng	2014/05/29			ecn no	ELX-DG-17792-1				
surface	✓	chr	Li-He	2014/06/08			product family	PwrLoPro	rel level	Released		
ASME Y14.5	linear	appr	Pei-Ming Zheng	2014/06/09			title	PWR LoPro HEADER ASSEMBLY		dra no	10122460	
	angular	www.fci.com		cat. no.	-		Product - Customer Drw	rev	G			

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