

A

B

C

D

E

F

A

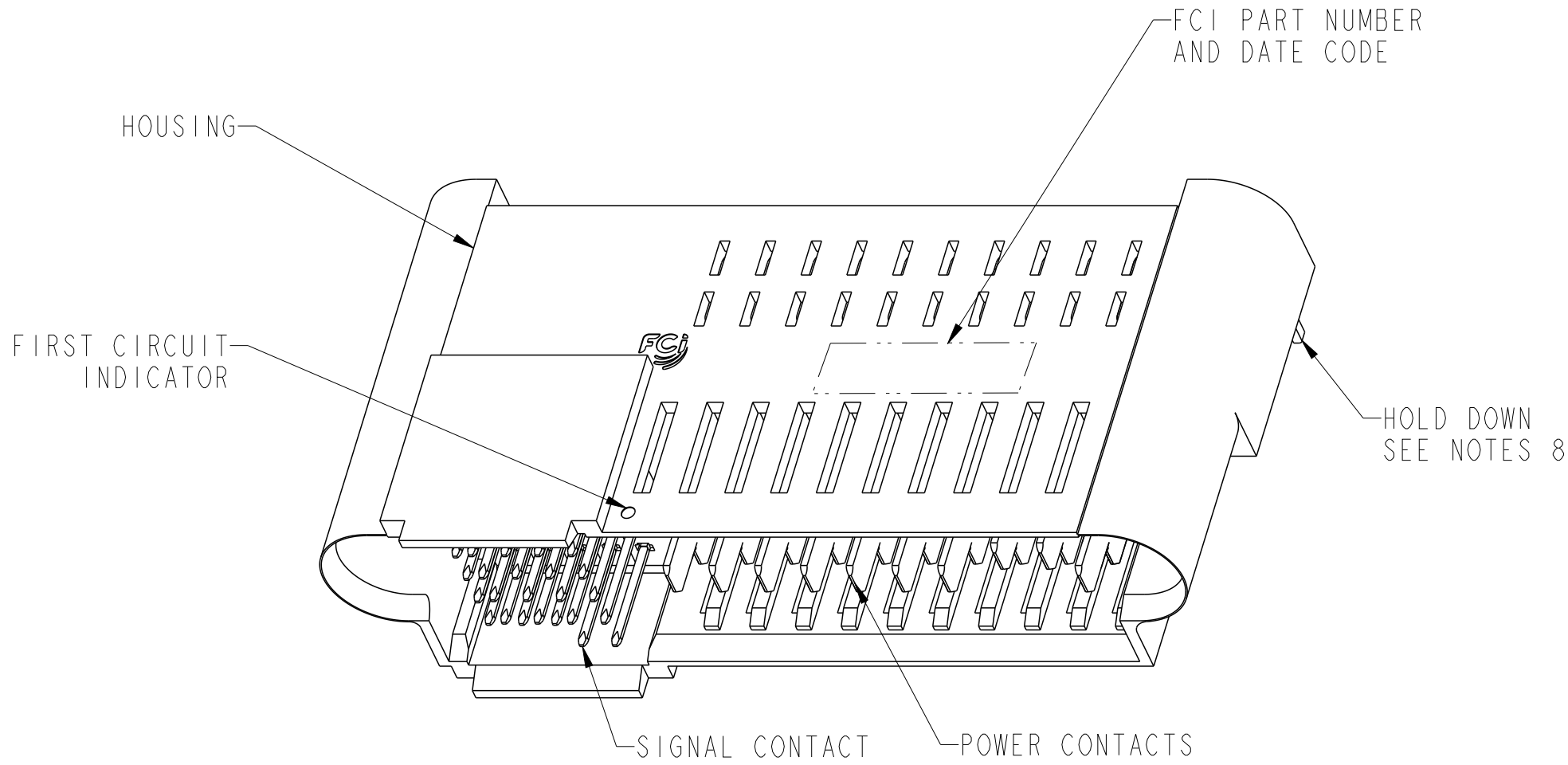
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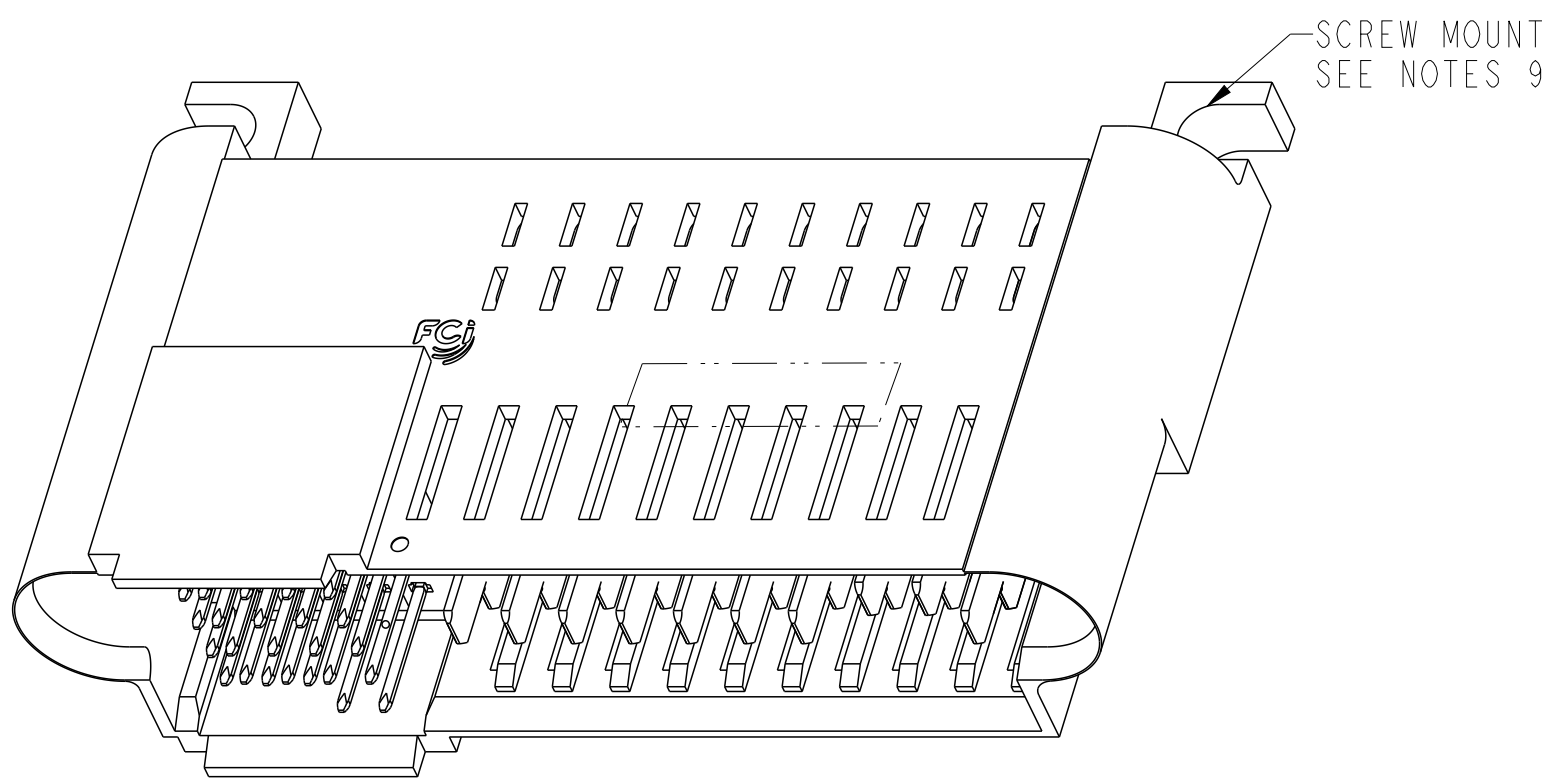
D

E

F



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.

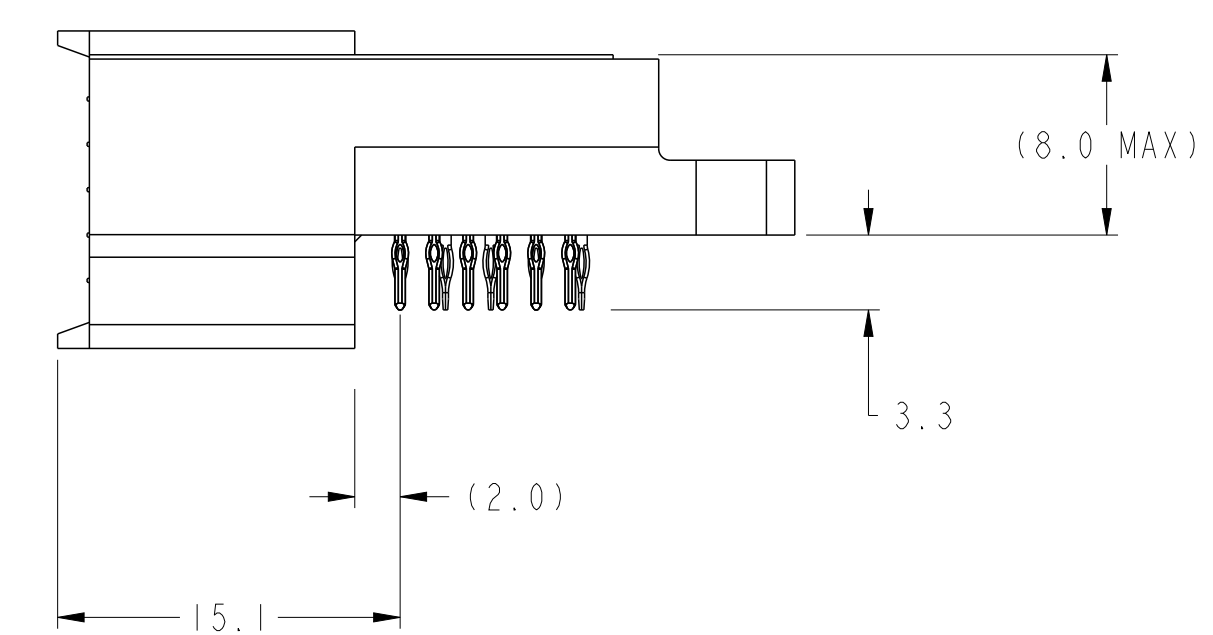
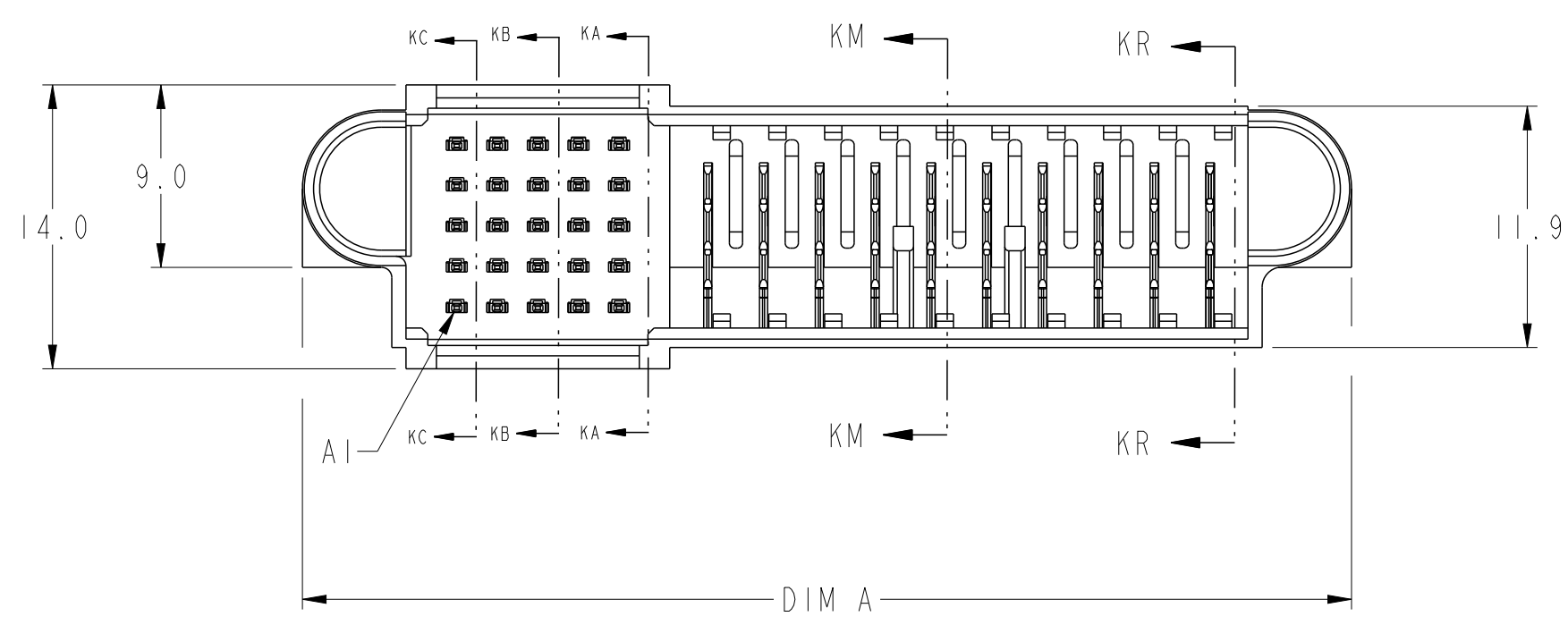
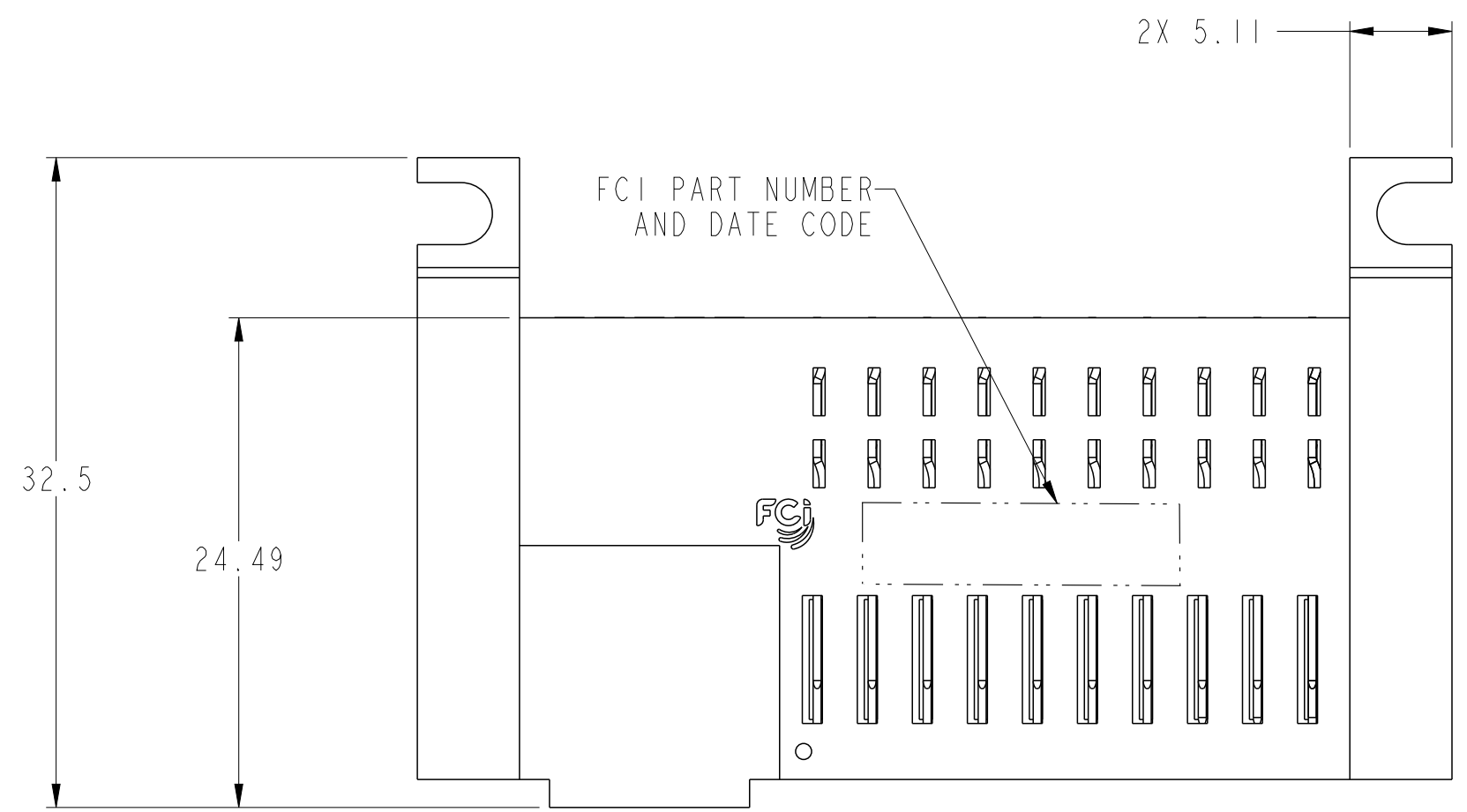
PLATING ON POWER CONTACTS: 1.27µm MIN Ni UNDERPLATING ALL OVER WITH 0.76µm MIN GXT IN CONTACT MATING AREA, AND 0.5µm MIN MATTE TIN ON TAIL AREA.

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 Ø0.61±0.05mm, FOR SOLDER Ø0.90±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

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spec ref		SEE NOTE 10			dr		Zhang Hong-Tu		2012/08/13		projection		MM		size		A2		scale		1:1												
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		De-Ming Lu		2017/05/09						ecn no		ELX-DG-18076-1																
ISO 406					chr		Fancy Zhang		2017/05/23						rel level		Released																
ISO 1101					appr		Pei-Ming Zheng		2017/05/26						product family		PwrLoPro																
surface		linear		0.X		±0.30		Amphenol FCI		title		PWR LoPro HEADER ASSEMBLY								dwg no		10122460								rev		H	
				0.XX		±0.20																											
				0.XXX		±0.10						RA, PASSIVE GUIDE,S+P																					
		ISO 1302		angular		0°																±2°		cat. no.		-		Product - Customer Drw					



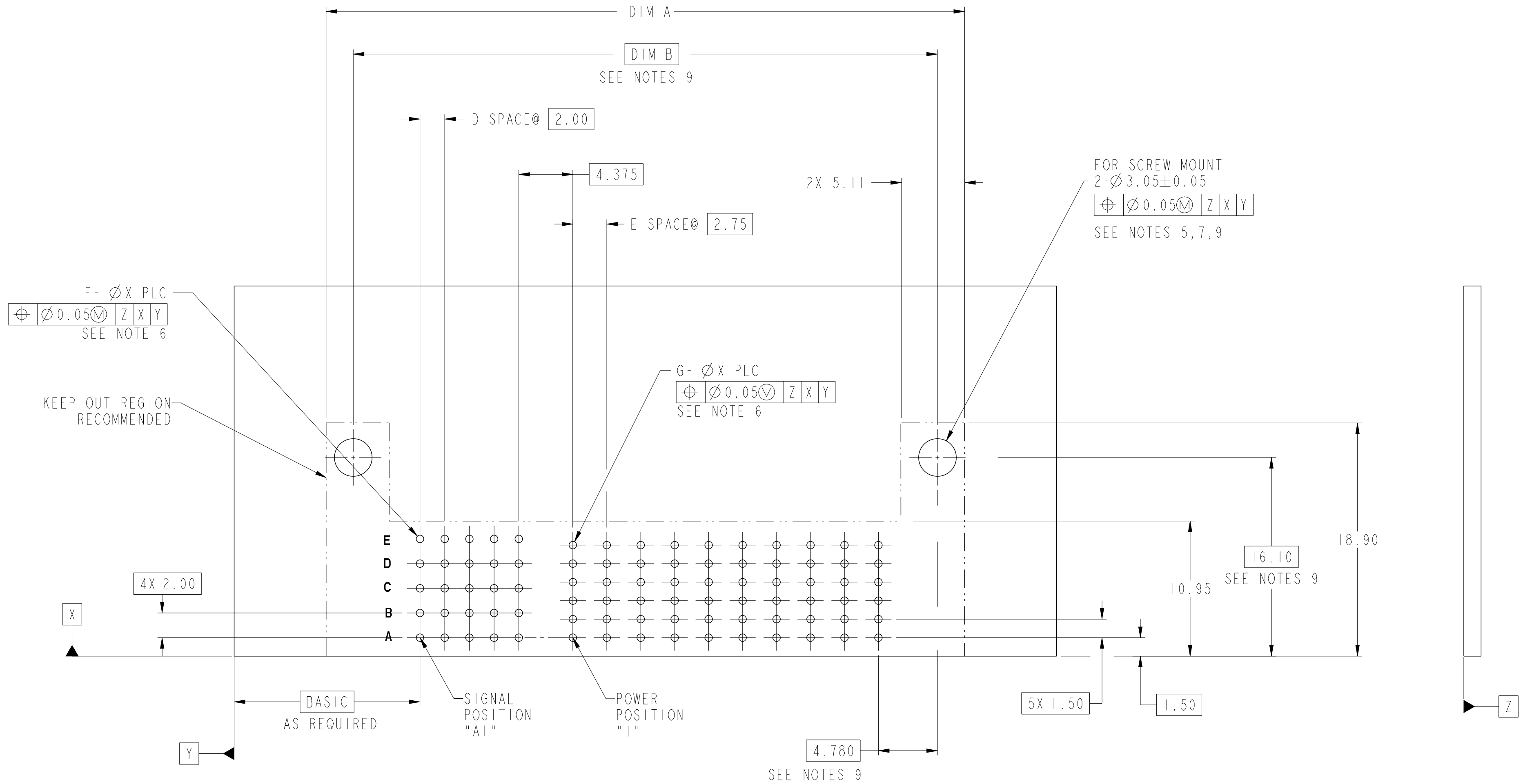
SCREW MOUNT TYPE AS SHOWN

spec ref		SEE NOTE 10		dr		Zhang Hong-Tu		2012/08/13		projection		MM		size		A2		scale		3:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		De-Ming Lu		2017/05/09						ecn no		ELX-DG-18076-1					
ISO 406				chr		Fancy Zhang		2017/05/23						rel level		Released					
ISO 1101				appr		Pei-Ming Zheng		2017/05/26						product family		PwrLoPro					
surface				linear		Amphenol FCi		title		PWR LoPro HEADER ASSEMBLY RA, PASSIVE GUIDE,S+P		dwg no		10122460		rev		H			
				0.X																±0.30	
				0.XX																±0.20	
ISO 1302		angular		0°		±2°		cat. no.		-		Product - Customer Drw		sheet 2 of 10							

PDS: Rev :H

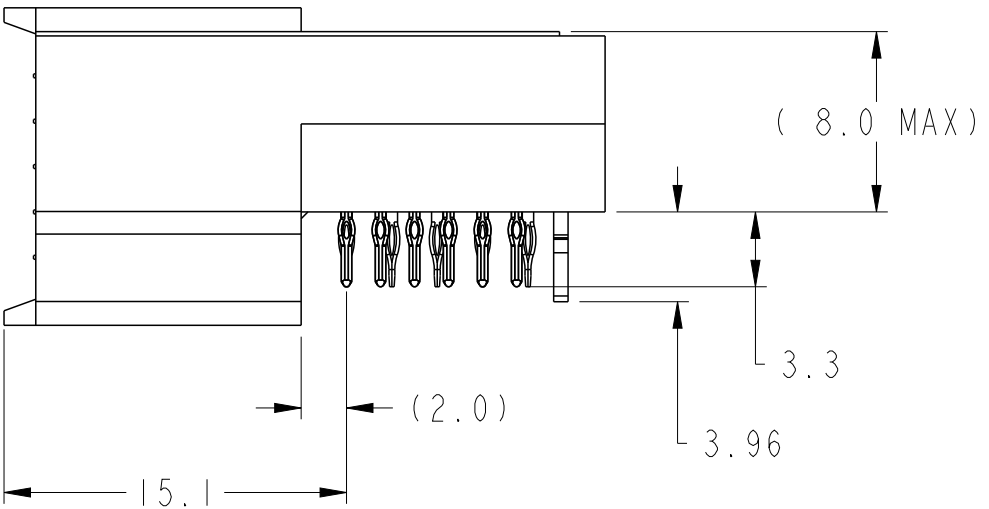
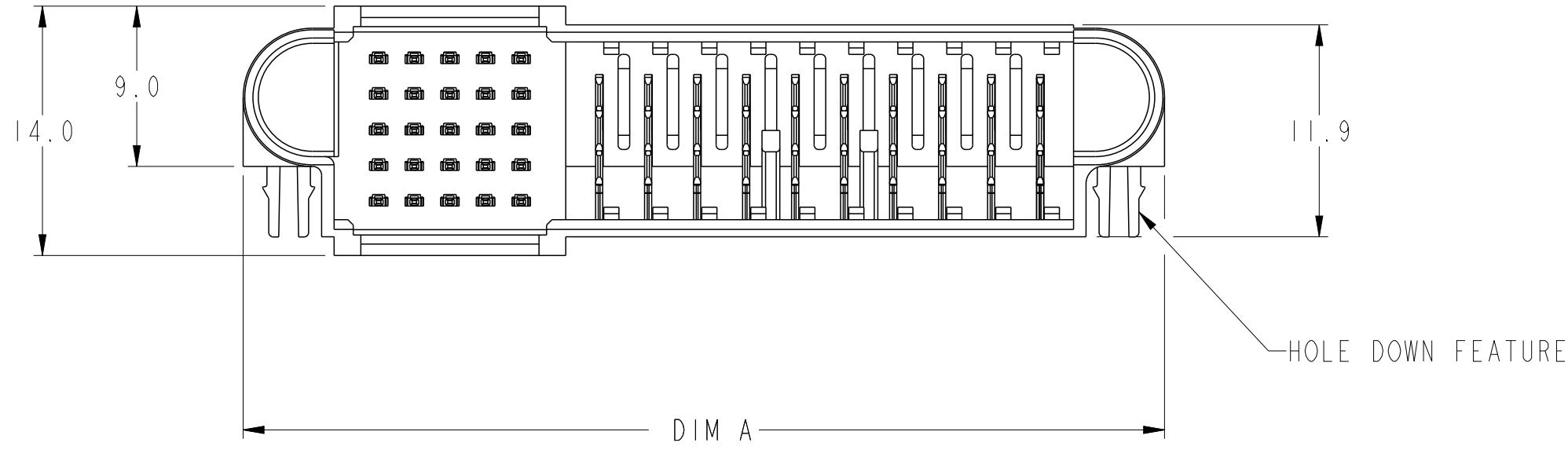
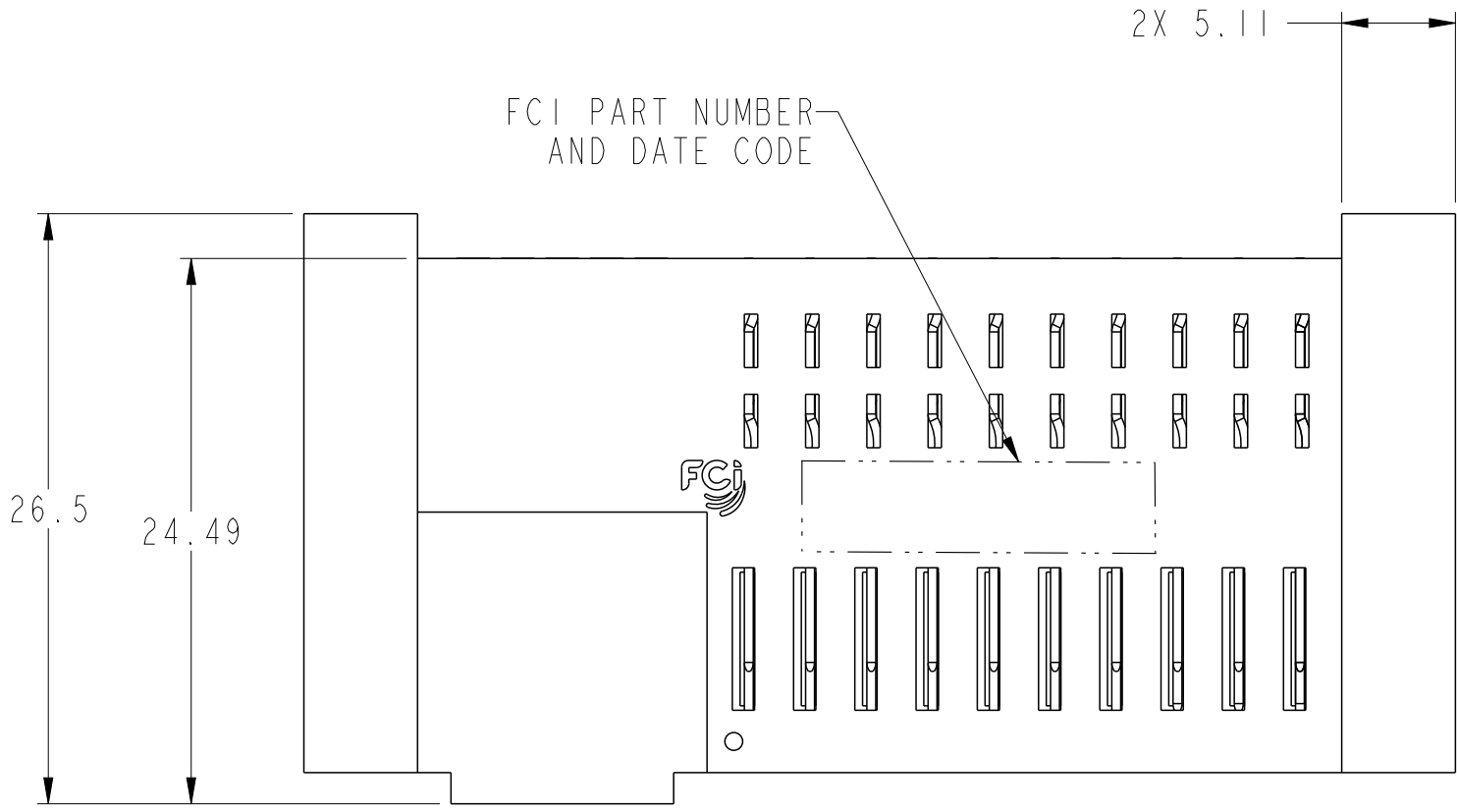
STATUS:Released

Printed: May 26, 2017



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 10		dr		Zhang Hong-Tu		2012/08/13		projection		MM		size		A2		scale		3:1																	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		De-Ming Lu		2017/05/09						ecn no		ELX-DG-18076-1																					
ISO 406				chr		Fancy Zhang		2017/05/23						rel level		Released																					
ISO 1101				appr		Pei-Ming Zheng		2017/05/26						product family PwrLoPro																							
surface		linear		0.X ±0.30		0.XX ±0.20		0.XXX ±0.10		Amphenol FCI		title PWR LoPro HEADER ASSEMBLY										cat. no.		-		Product - Customer Drw		sheet 3 of 10									
												ISO 1302		angular		0° ±2°		dwg no		10122460										rev		H					

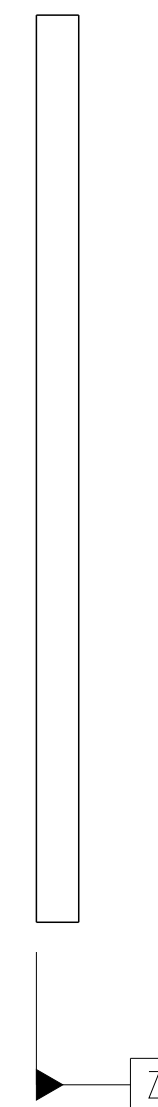


HOLE DOWN TYPE AS SHOWN

spec ref		SEE NOTE 10		dr		Zhang Hong-Tu		2012/08/13		projection		MM		size		A2		scale		3:1									
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		De-Ming Lu		2017/05/09						ecn no		ELX-DG-18076-1											
ISO 406						chr		Fancy Zhang		2017/05/23																			
ISO 1101						appr		Pei-Ming Zheng		2017/05/26																			
										product family										PwrLoPro									
										rel level										Released									
surface		linear		0.X		±0.30		Amphenol FCI		title		PWR LoPro HEADER ASSEMBLY										dwg no		10122460		rev		H	
				0.XX		±0.20																							
				0.XXX		±0.10																							
ISO 1302		angular		0°		±2°		cat. no.		-		Product - Customer Drw										sheet 4 of 10							

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S: Rev :H

STATUS: Released

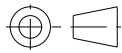
Printed: May 26, 2017

spec ref	SEE NOTE 10		dr	Zhang Hong-Tu	2012/08/13			size	A2	scale	4:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	De-Ming Lu	2017/05/09			ecn no	ELX-DG-18076-1			
ISO 406			chr	Fancy Zhang	2017/05/23							
ISO 1101			appr	Pei-Ming Zheng	2017/05/26							product family
surface ISO 1302	linear	0.X	±0.30	Amphenol FCI	PWR LoPro HEADER ASSEMBLY RA, PASSIVE GUIDE,S+P			dwg no	10122460		rev	H
		0.XX	±0.20									
		0.XXX	±0.10									
	angular	0°	±2°	cat. no.	-	Product - Customer Drw			sheet 5 of 10			

1		2		3		4		5		6		7		8	
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					
	10122460-001LF	35S+18P	77.71	-	72.60	6	17	35	108	HOLD DOWN					
	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					
	10122460-013LF	25S+10P	51.71	47.31	-	4	9	25	60	SCREW MOUNT					
B															
C															
	D														
E															
	F														

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spec ref	SEE NOTE 10			dr	Zhang Hong-Tu	2012/08/13	projection  MM	size	A2	scale	3:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	De-Ming Lu	2017/05/09		ecn no	ELX-DG-18076-1		
chr				Fancy Zhang	2017/05/23						
appr				Pei-Ming Zheng	2017/05/26						
surface	linear	0.X	±0.30	Amphenol FCi	title			PWR LoPro HEADER ASSEMBLY			
		0.XX	±0.20								
		0.XXX	±0.10								
ISO 1302	angular	0°	±2°	cat. no.			-	Product - Customer Drw		sheet 6 of 10	

Creo File - REV E - 2016-02-12

1

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3

4

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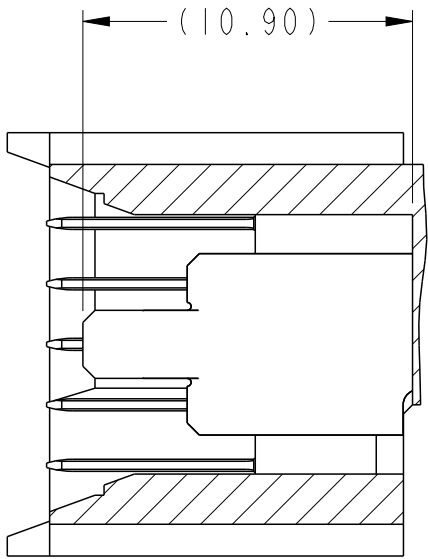
PDS: Rev :H

STATUS:Released

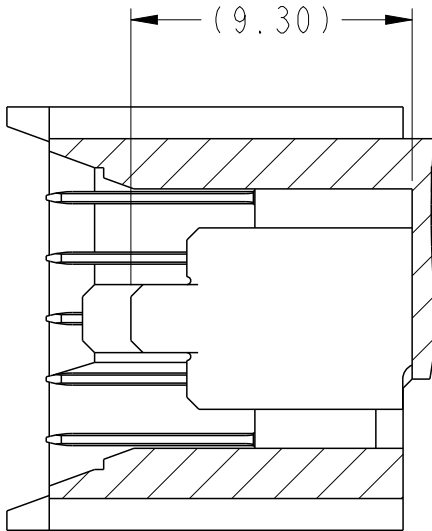
Printed: May 26, 2017

CUSTOMER LOADING WORKSHEET FOR SIGNAL & POWER SEQUENCING LEVELS																																				
PWR LO PRO - MATING FACE OF HEADER CONNECTOR(4)																																				
E										COLUMNS																										
D																																				
C																																				
B																																				
A		X																																	X	
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)																										

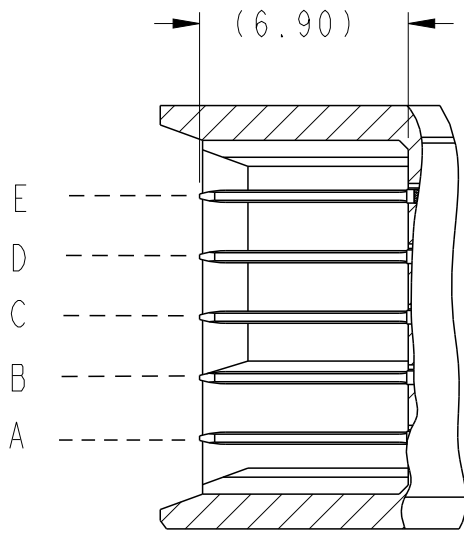
- 1). LOAD WITH CHOICE OF 2 POWER CONTACT MATING LEVELS, SEE SECTIONS KM & KR FOR AVAILABLE LEVEL OPTIONS.
- 2). LOAD WITH CHOICE OF 3 SIGNAL CONTACT MATING LEVELS, SEE SECTIONS KA,KB,&KC FOR AVAILABLE LEVEL OPTIONS.
- 3). MOUNTING FEATURE OPTION "X"
- H : HOLD DOWN TYPE
- S : SCREW MOUNT TYPE
- 4).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



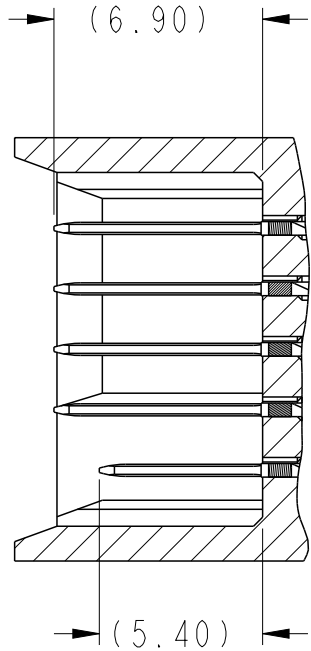
POWER
SECTION KM-KM
LEVEL 1:
LONGEST MATING
CONTACTS



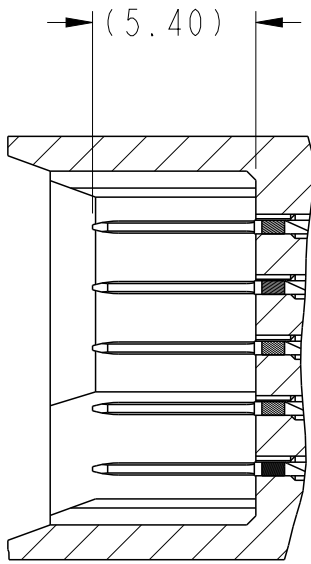
POWER
SECTION KR-KR
LEVEL 2:
SHORTEST MATING
CONTACTS



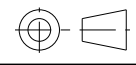
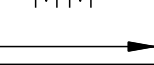
SIGNAL
SECTION KA-KA
LEVEL 2:
ALL LONGEST
CONTACTS



SIGNAL
SECTION KB-KB
LEVEL 3: ALL SHORTEST
CONTACTS



SIGNAL
SECTION KC-KC
LEVEL 3:
ALL SHORTEST
CONTACTS

spec ref	SEE NOTE 10			dr	Zhang Hong-Tu	2012/08/13			size	A2	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	De-Ming Lu	2017/05/09			ecn no	ELX-DG-18076-1			
ISO 406				chr	Fancy Zhang	2017/05/23			rel level	Released			
ISO 1101				appr	Pei-Ming Zheng	2017/05/26			product family		PwrLoPro		
surface	linear	0.X	±0.30	Amphenol FCI	title	PWR LoPro HEADER ASSEMBLY RA, PASSIVE GUIDE,S+P			dwg no	10122460		rev	H
ISO 1302		0.XX	±0.20										
		0.XXX	±0.10										
	angular	0°	±2°		cat. no.	-	Product - Customer Drw				sheet 7 of 10		

1		2				3				4				5				6				7				8				
A	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																											
		D																												
		C																												
		B																												
A			3	3																										3
VIEWED FROM MATING FACE:																														
B	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																											
		D																												
		C																												
		B																												
A			2	2																										32222
VIEWED FROM MATING FACE:																														
C	PART NUMBER	ROWS		SIGNALS					POWERS																					
				1	2	3	4	5	1	2	3	4	5	6	7	8														
	10122460-004LF 25S + 8P	E	H																											
		D																												
		C																												
		B																												
A			2	2																										32222
VIEWED FROM MATING FACE:																														
D	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																											
		D																												
		C																												
		B																												
A			2	2																										2
VIEWED FROM MATING FACE:																														
E	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																											
		D																												
		C																												
		B																												
A			2	2																										2
VIEWED FROM MATING FACE:																														
F	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																											
		D																												
		C																												
		B																												
A			2	2																										2
VIEWED FROM MATING FACE:																														
1		2				3				4				5				PDS: Rev :H				STATUS:Released				Printed: May 26, 2017				

spec ref	SEE NOTE 10			dr	Zhang Hong-Tu	2012/08/13		projection	MM	size	A2	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	De-Ming Lu	2017/05/09	ecn no	ELX-DG-18076-1								
ISO 406		chr	Fancy Zhang	2017/05/23	rel level	Released								
ISO 1101		appr	Pei-Ming Zheng	2017/05/26										
surface			linear	0.X	±0.30	Amphenol FCI	title	PWR LoPro HEADER ASSEMBLY RA, PASSIVE GUIDE,S+P			dwg no	10122460		rev
	0.XX			±0.20										
	0.XXX			±0.10										
ISO 1302	angular	0°	±2°	cat. no.	-	Product - Customer Drw			sheet 8 of 10					

1		2					3					4					5					6					7					8				
A	PART NUMBER	ROWS		SIGNALS					POWERS																											
			1	2	3	4	5	1	2	3	4	5	6	7	8																					
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	D																																			
	C																																			
	B																																			
A																																				
B	PART NUMBER	ROWS		SIGNALS					POWERS																											
			1	2	3	4	5	1	2	3	4	5	6	7	8	9	10																			
	10122460-007LF 25S + 10P	E	S	2	2	2	2	3	2	2	2	2	2	2	2	2	2	S																		
	D																																			
	C																																			
	B																																			
A																																				
C	PART NUMBER	ROWS		SIGNALS			POWERS																													
			1	2	3	1	2																													
	10122460-008LF 15S + 2P	E	H	32222	2	2	1	2	H																											
	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																			
	10122460-009LF 25S + 10P	E	H	2	2	3	2	2	2	2	2	2	2	2	2	2	2	H																		
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	B																																			
A																																				
E	PART NUMBER	ROWS		SIGNALS					POWERS																											
			1	2	3	4	5	1	2	3	4	5	6	7	8	9	10																			
	10122460-009LF 25S + 10P	E	H	2	2	3	2	2	2	2	2	2	2	2	2	2	2	H																		
	D																																			
	C																																			
	B																																			
A																																				
F	PART NUMBER	ROWS		SIGNALS					POWERS																											
			1	2	3	4	5	1	2	3	4	5	6	7	8	9	10																			
	10122460-009LF 25S + 10P	E	H	2	2	3	2	2	2	2	2	2	2	2	2	2	2	H																		
	D																																			
	C																																			
	B																																			
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