

A

B

C

D

E

F

A

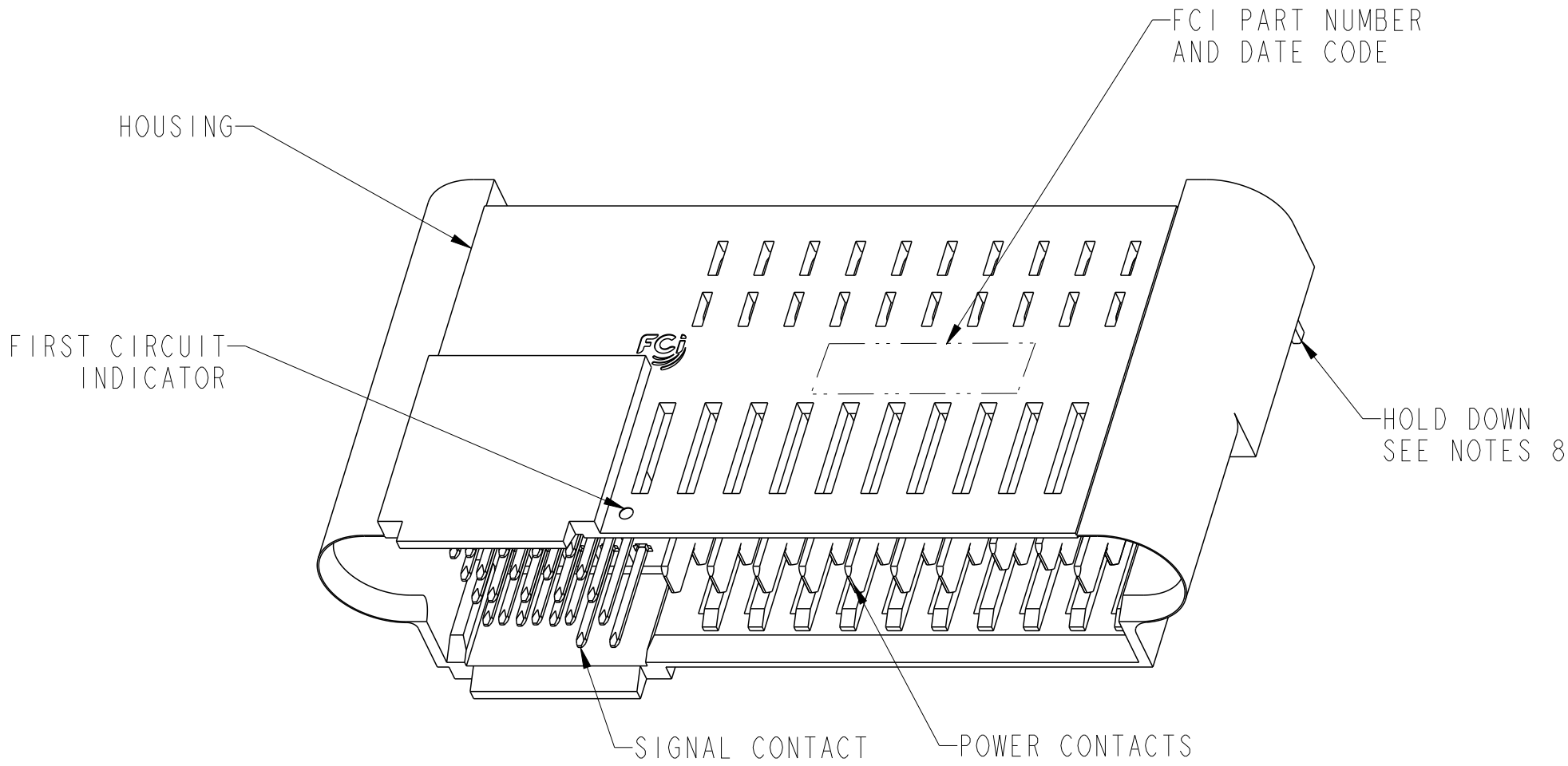
B

C

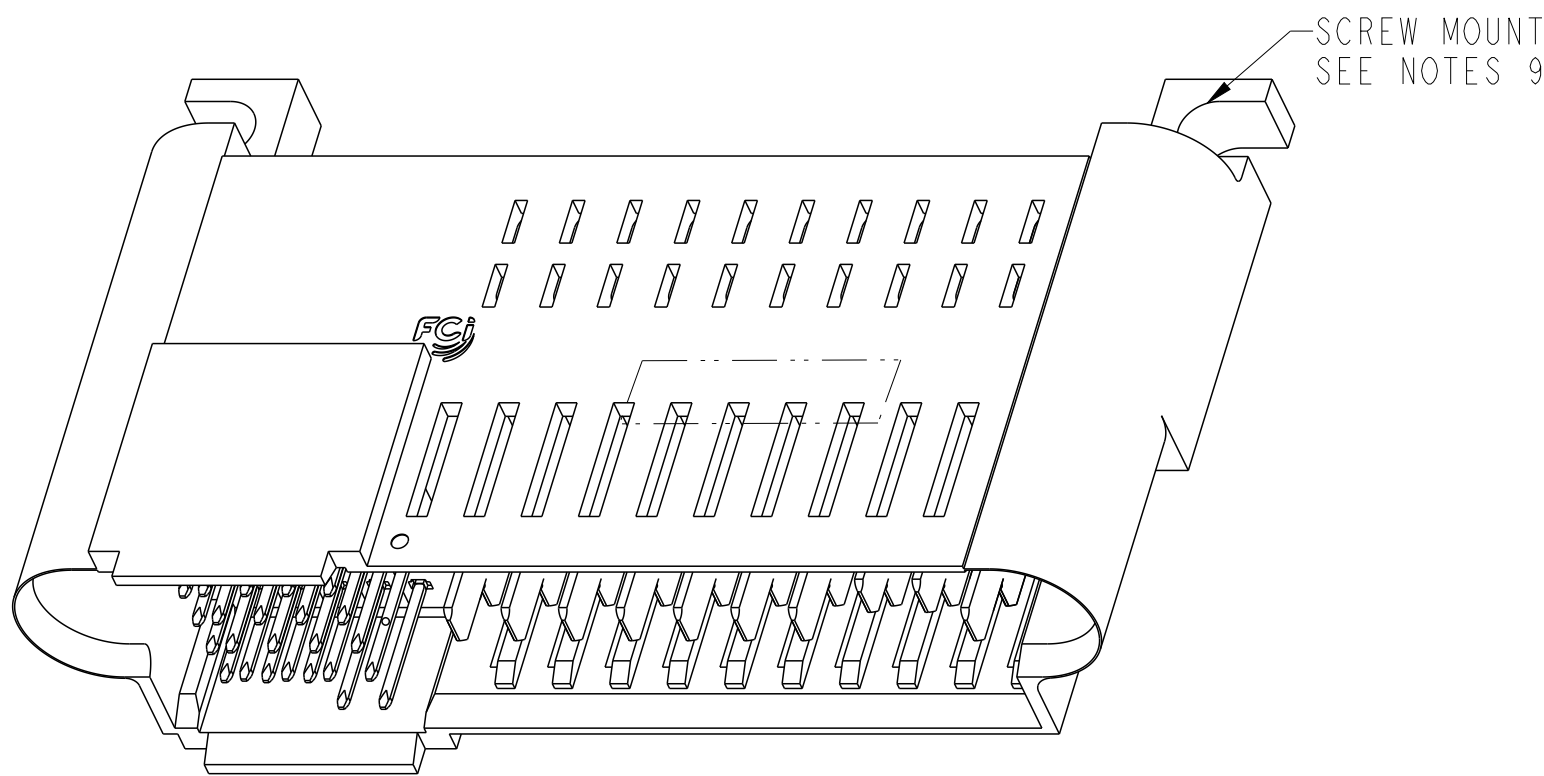
D

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.

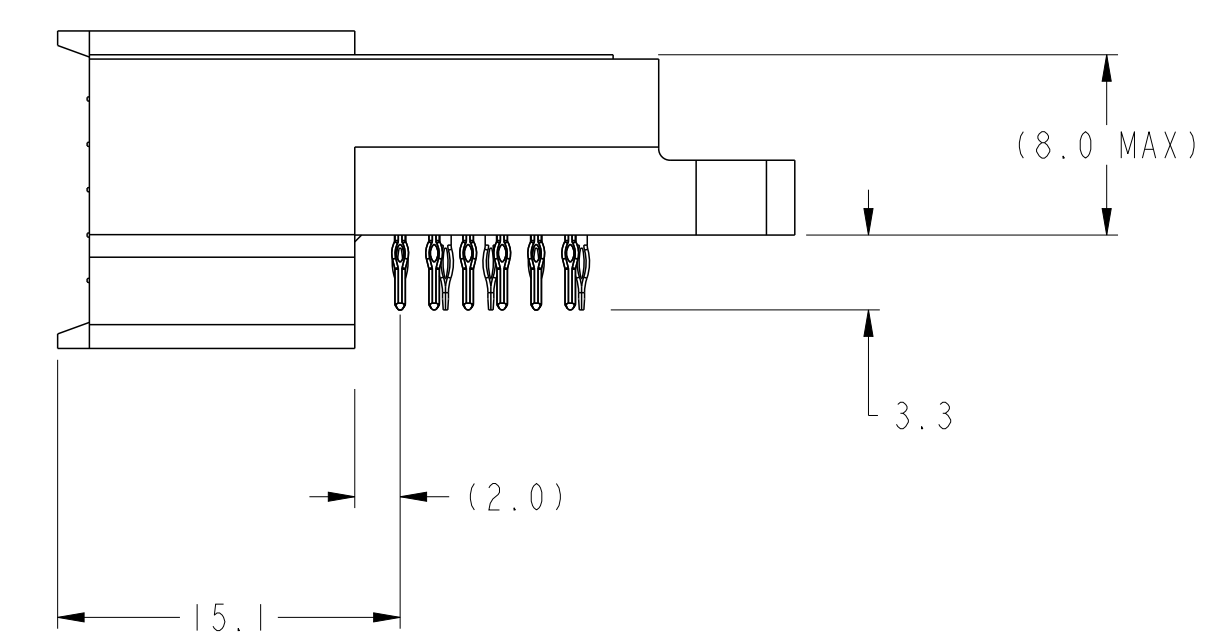
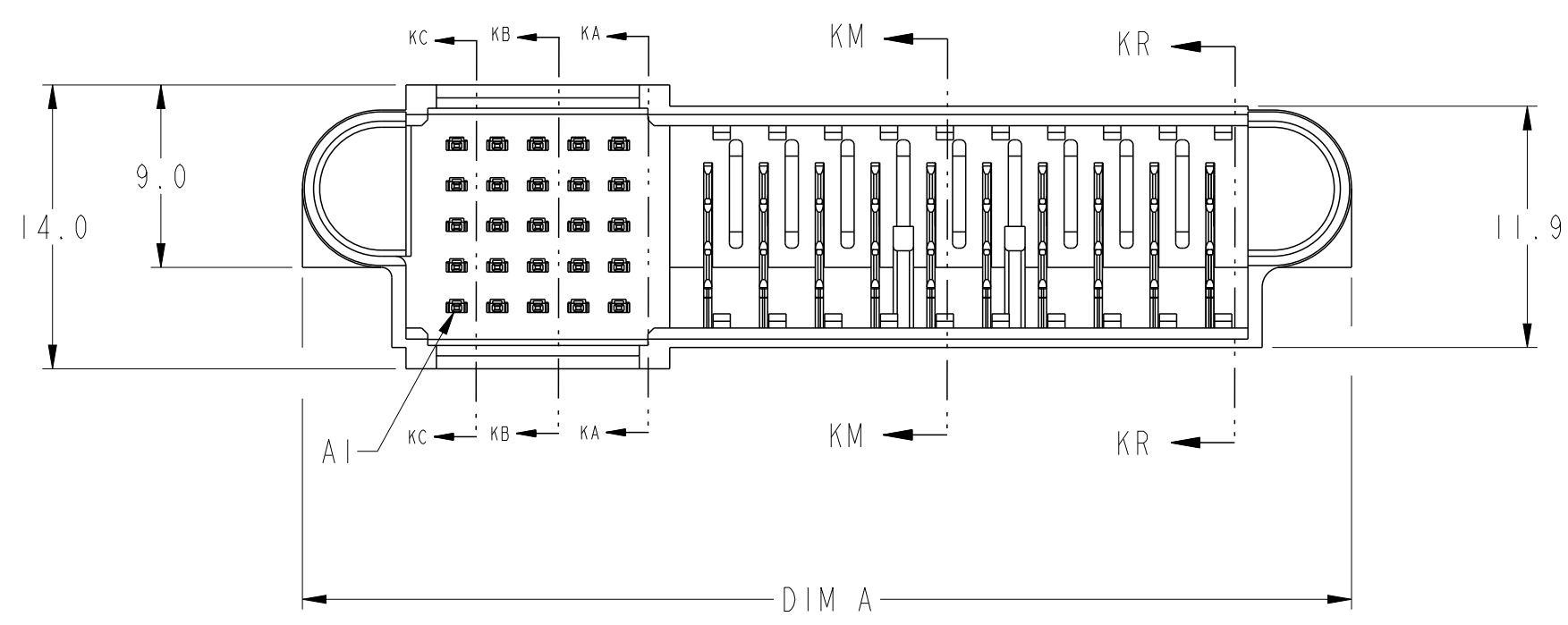
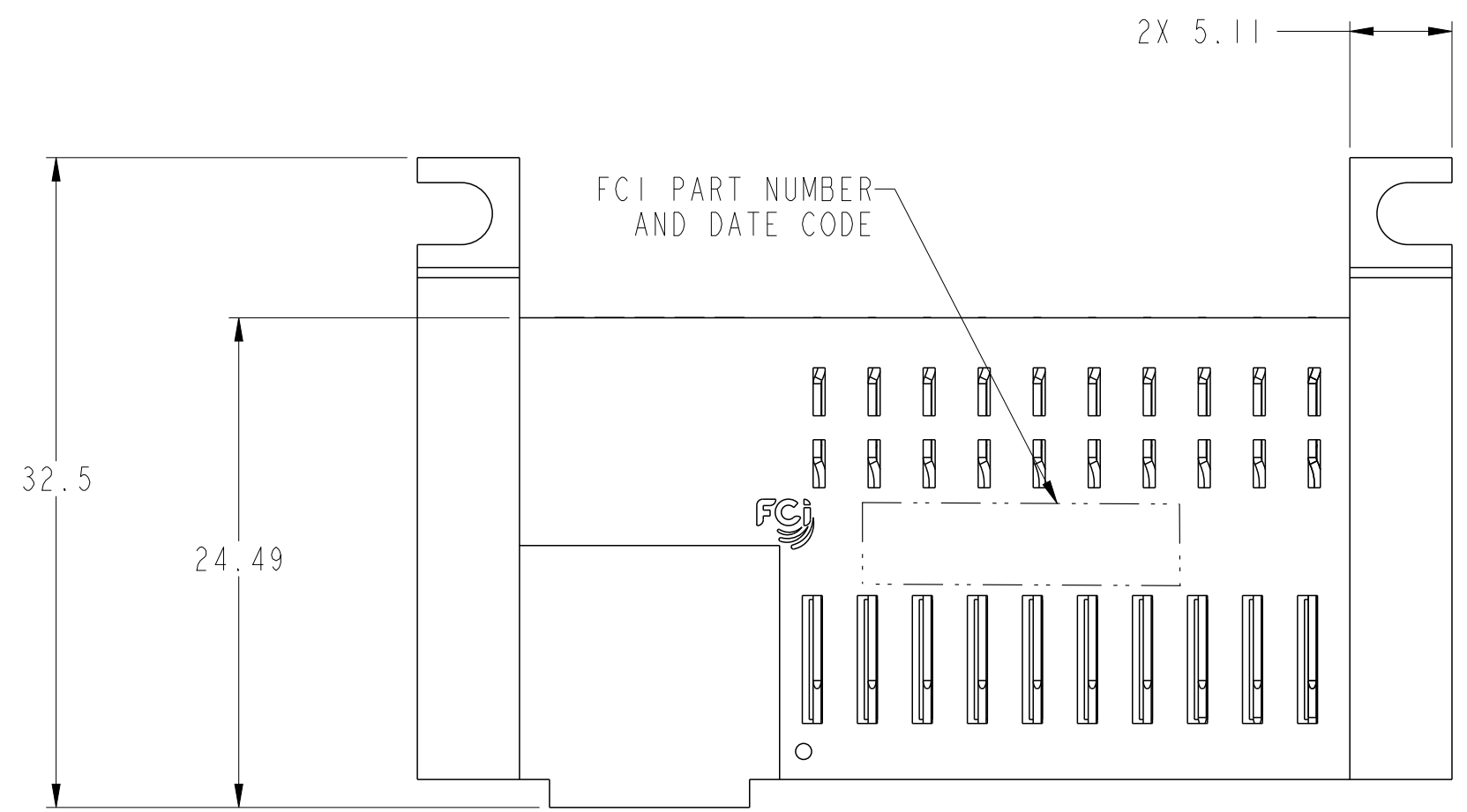
PLATING ON POWER CONTACTS: 1.27µm MIN Ni UNDERPLATING ALL OVER
WITH 0.76µm MIN GXT IN CONTACT MATING AREA, AND
0.5µm MIN MATTE TIN ON TAIL AREA.

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

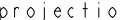
Amphenol
FCi

© 2016 AFCi

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 RA, PASSIVE GUIDE,S+P		dwg no	
ISO 1302		0.XX		±0.20																		
		0.XXX		±0.10																		
		angular		0°		±2°		cat. no.		-		Product - Customer Drw		sheet 1 of 10								



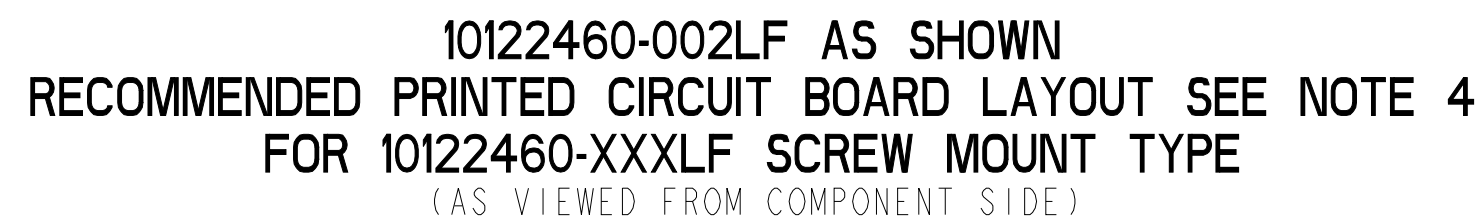
SCREW MOUNT TYPE AS SHOWN

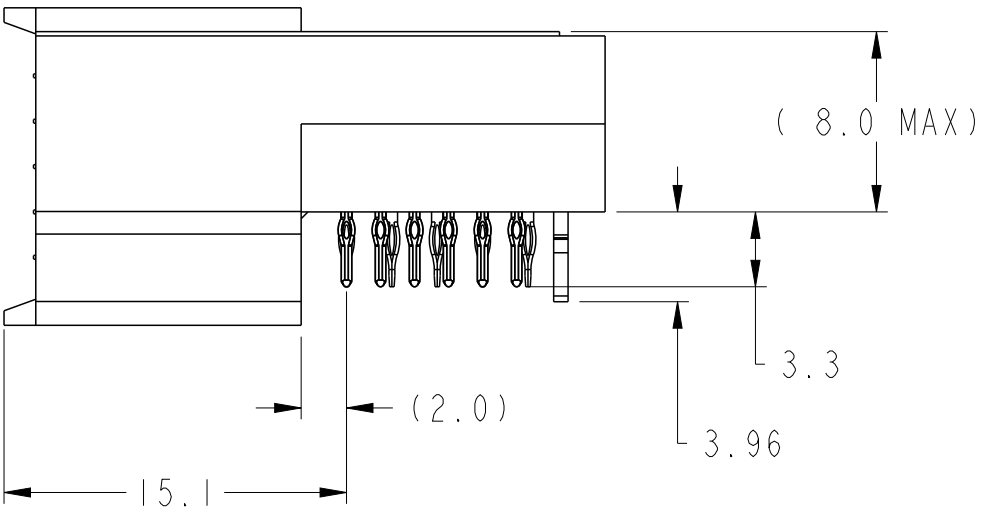
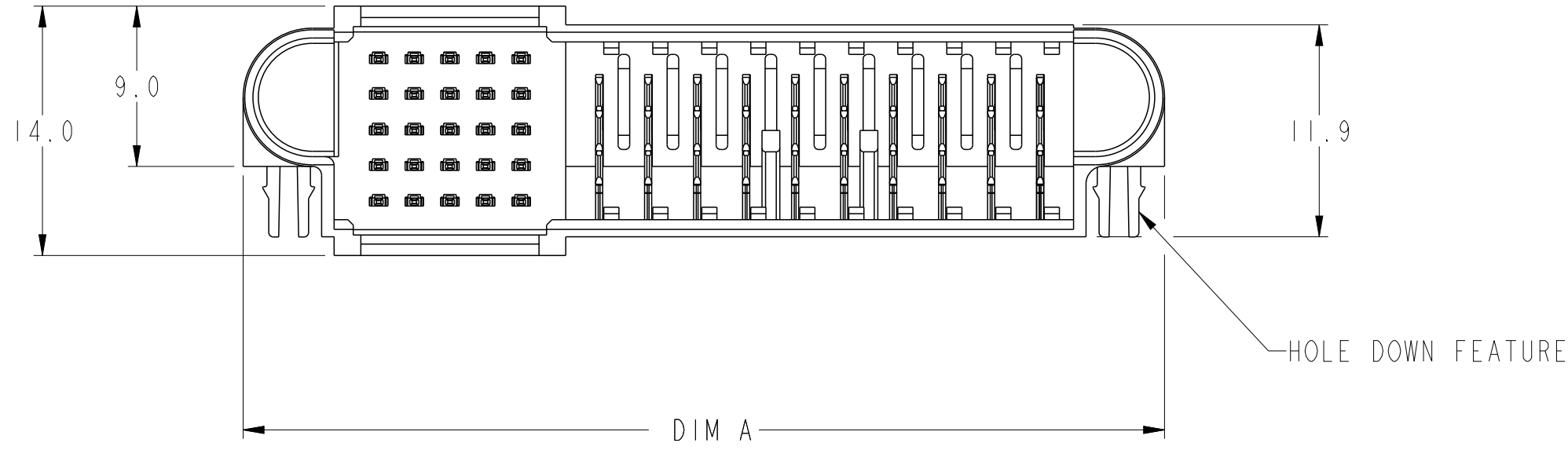
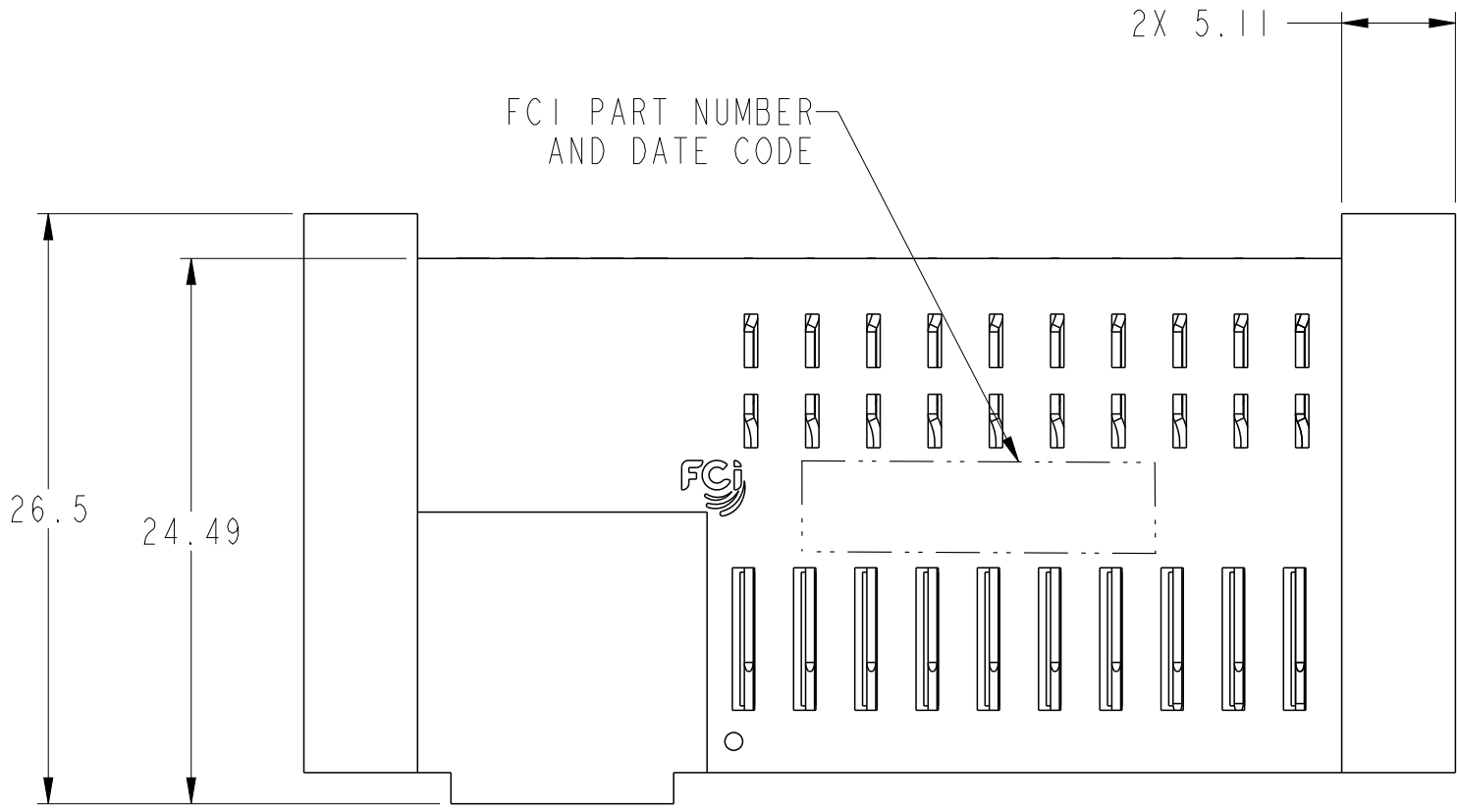
spec ref		SEE NOTE 10		dr	Zhang Hong-Tu	2012/08/13	projection		MM		size	A2	scale	3:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	De-Ming Lu	2017/05/09					ecn no	ELX-DG-18076-1		
ISO 406				chr	Fancy Zhang	2017/05/23	product family		PwrLoPro		rel level		Released	
ISO 1101				appr	Pei-Ming Zheng	2017/05/26								
surface	linear	0.X	±0.30		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 2 of 10			

PDS: Rev :H

STATUS:Released

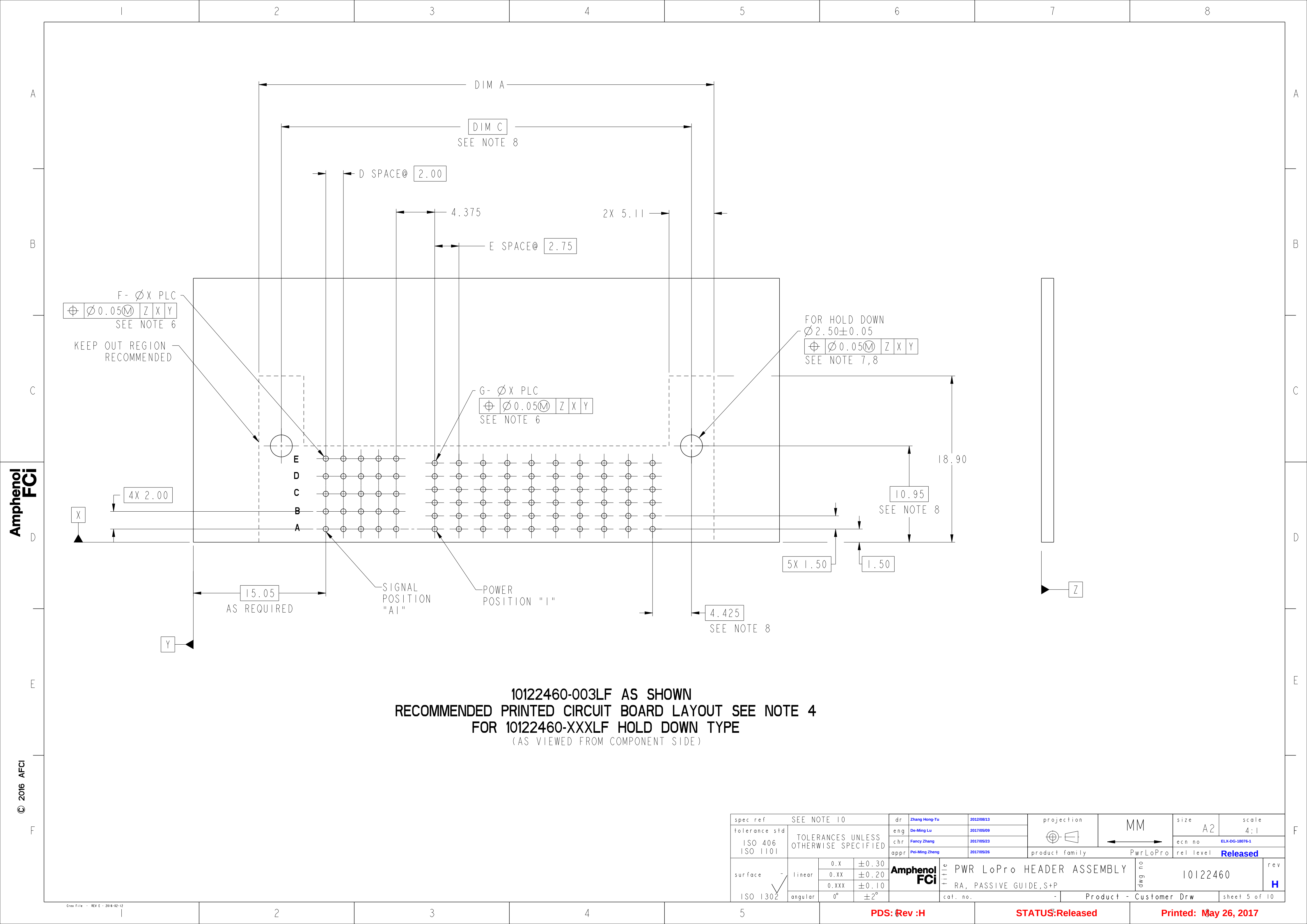
Printed: May 26, 2017

Printed: May 26, 2017



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						product family		PwrLoPro		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		H			
ISO 1302		0.XX		±0.20																			
		0.XXX		±0.10																			
angular		0°		±2°				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)

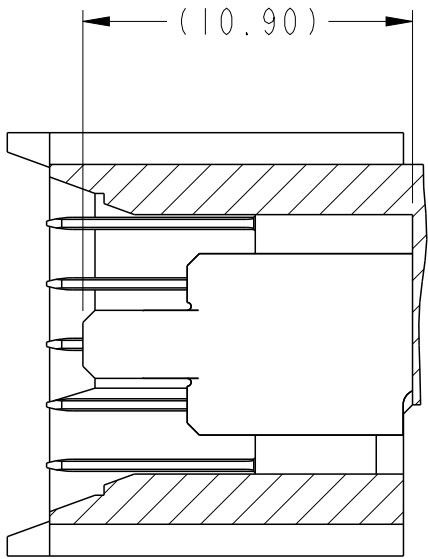
spec ref	SEE NOTE 10			dr	Zhang Hong-Tu	2012/08/13	projection MM	size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	De-Ming Lu	2017/05/09		ecn no ELX-DG-18076-1			
ISO 406				chr	Fancy Zhang	2017/05/23					
ISO 1101				appr	Pei-Ming Zheng	2017/05/26			product family PwrLoPro		rel level Released
surface ✓ ISO 1302	linear	0.X	±0.30	Amphenol FCI	title 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

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)																										

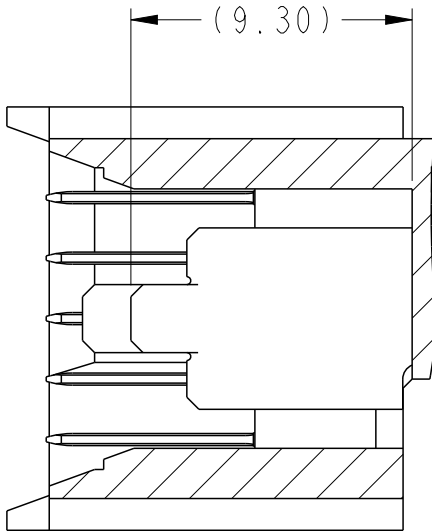
- 1). LOAD WITH CHOICE OF 2 POWER CONTACT MATING LEVELS, SEE SECTIONS KM & KR FOR AVAILABLE LEVEL OPTIONS.
- 2). LOAD WITH CHOICE OF 3 SIGNAL CONTACT MATING LEVELS, SEE SECTIONS KA,KB,&KC FOR AVAILABLE LEVEL OPTIONS.
- 3). MOUNTING FEATURE OPTION "X"

- H : HOLD DOWN TYPE

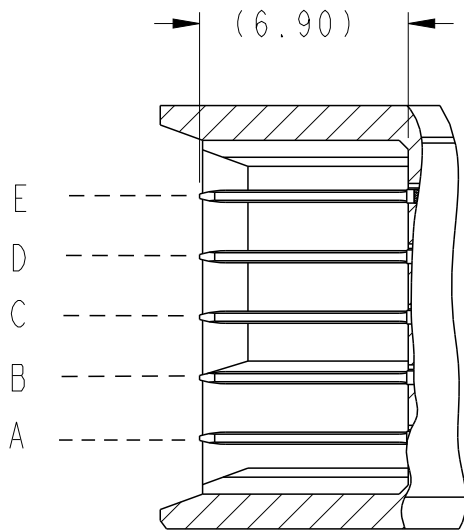
- S : SCREW MOUNT TYPE
- 4). CUSTOMER LOADING WORKSHEET SHOWN AT MAXMUM SIZE CONFIGURATION (40Sx24P), SIGNALS AVAILABLE IN 2,3,4 THRU 8 POSITIONS, POWERS AVAILABLE IN 4,6,8 THRU 24 POSITIONS IN EVEN QUANTITIES ONLY.



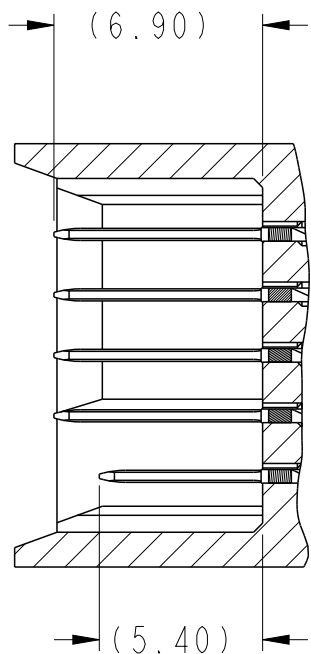
POWER
SECTION KM-KM
LEVEL 1:
LONGEST MATING
CONTACTS



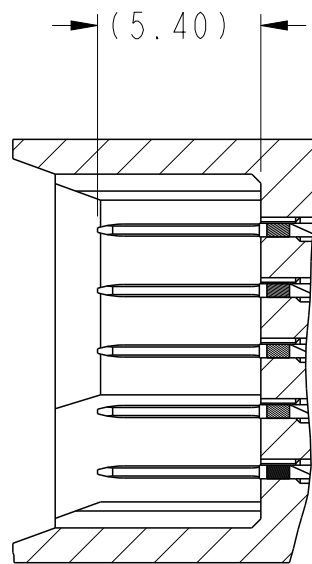
POWER
SECTION KR-KR
LEVEL 2:
SHORTEST MATING
CONTACTS



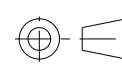
SIGNAL
SECTION KA-KA
LEVEL 2:
ALL LONGEST
CONTACTS



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

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				PWR LoPro HEADER ASSEMBLY		RA, PASSIVE GUIDE,S+P		dwg no		10122460		rev		H		
0.XX				±0.20																		
0.XXX				±0.10																		
ISO 1302		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	1	2	3	4	5	6	7	8																							
	10122460-006LF 25S + 8P	E	H	2	2	32222	2	2	1	1	2	2	2	2	2	1	H																					
	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	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																				
	D																																					
	C																																					
	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																																					
A																																						

