

A

B

C

D

E

F

A

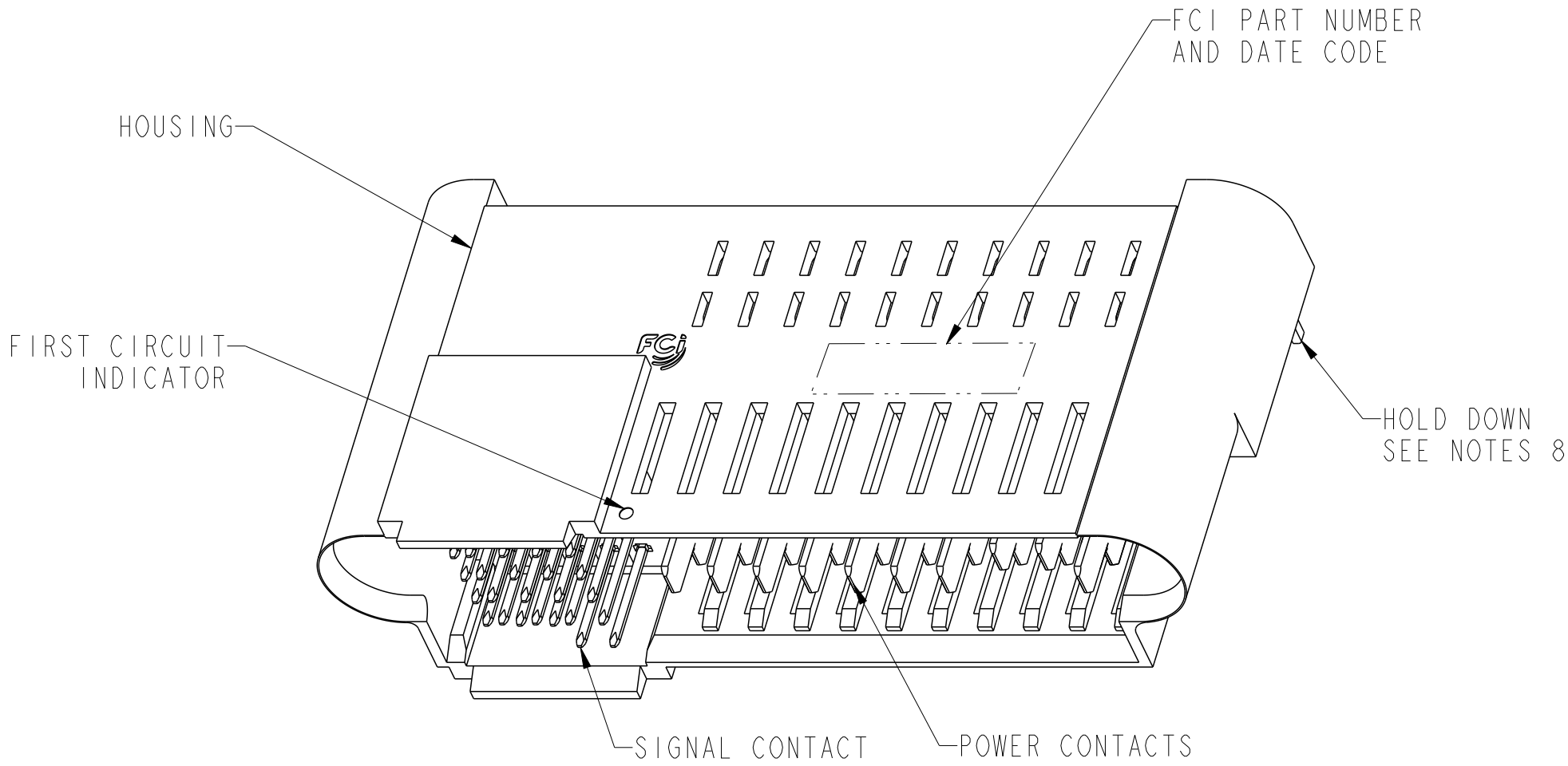
B

C

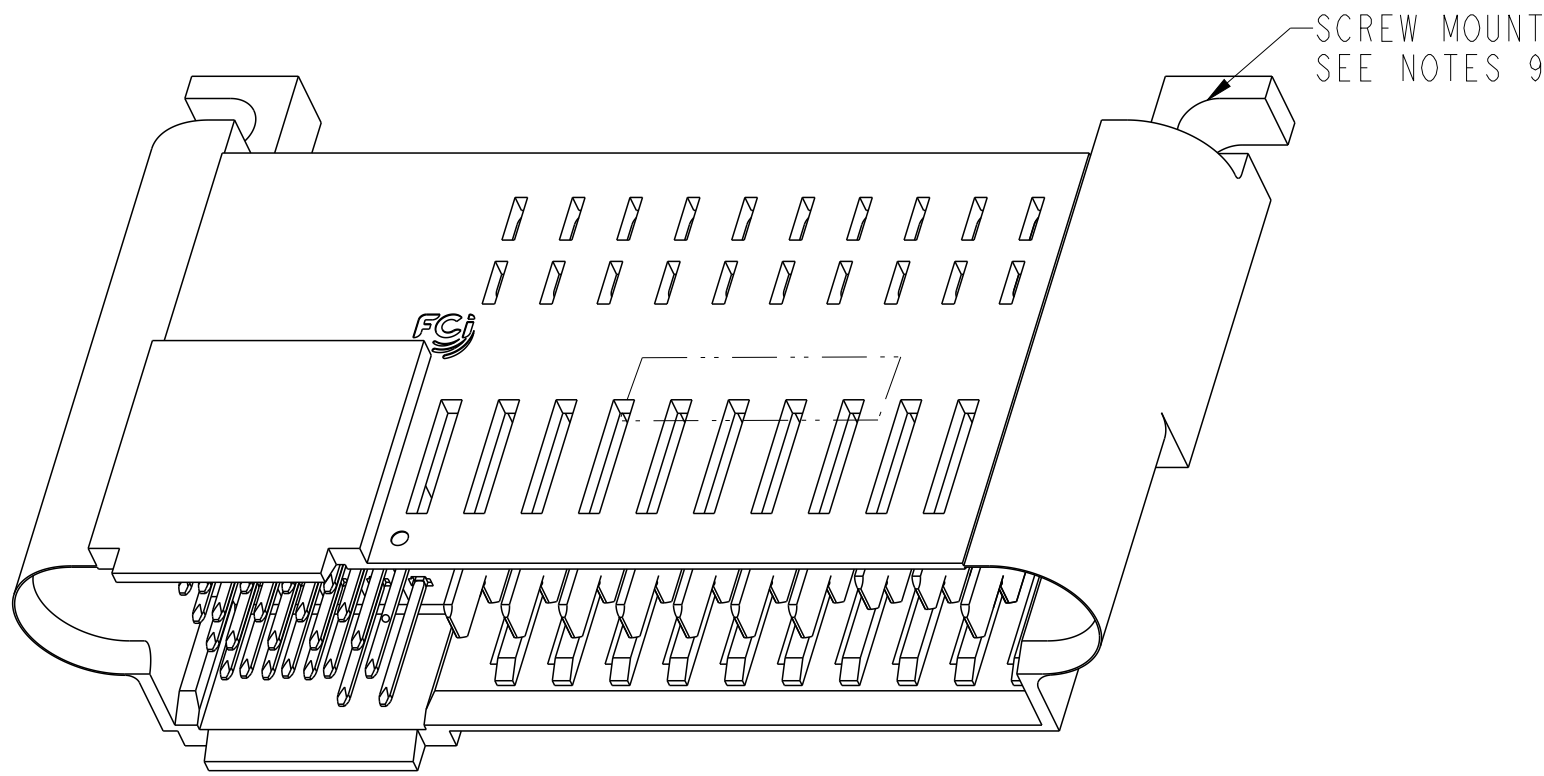
D

E

F



25Sx10P CONFIGURATION SHOWN
HOLD DOWN TYPE



25Sx10P CONFIGURATION SHOWN
SCREW MOUNT TYPE

NOTES:

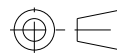
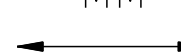
1. HOUSING MATERIAL:GF LCP,COLOR: BLACK, UL 94 V-0 RATED
SIGNAL CONTACT MATERIAL: PHOSPHOR BRONZE
SIGNAL PIN OVERMOLD MATERIAL: GF POLYESTER
POWER CONTACT MATERIAL: COPPER ALLOY
2. PLATING ON SIGNAL CONTACTS: 1.27µm MIN Ni UNDERPLATING ALL OVER
WITH 0.76µm MIN GXT IN CONTACT MATING AREA, AND
0.5µm MIN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

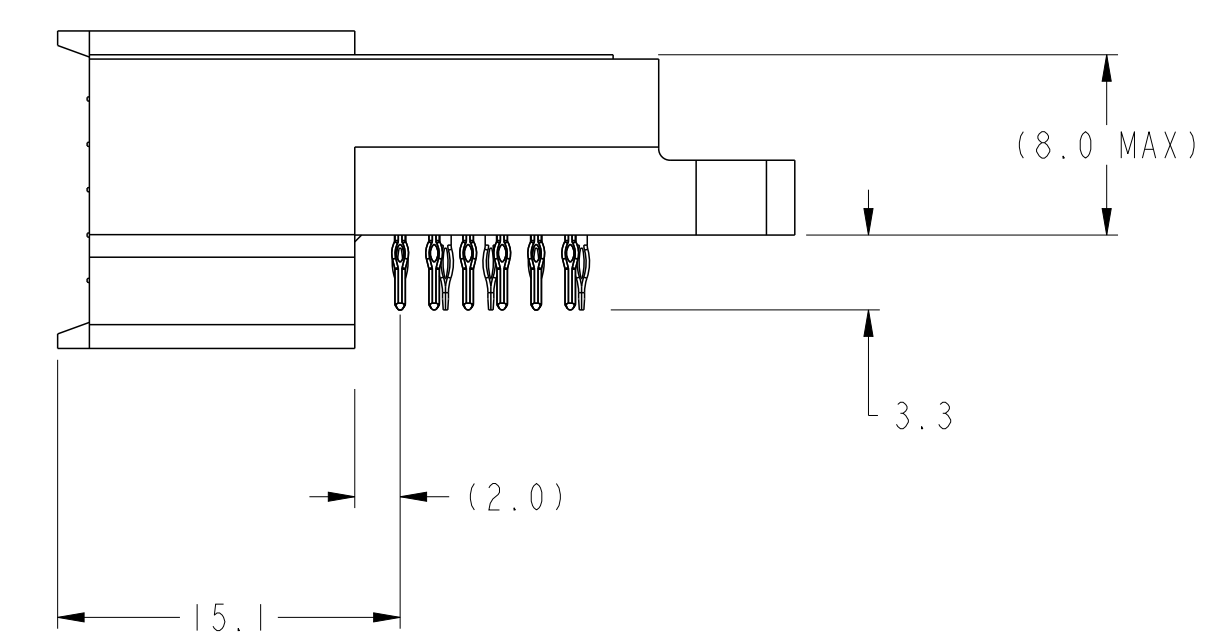
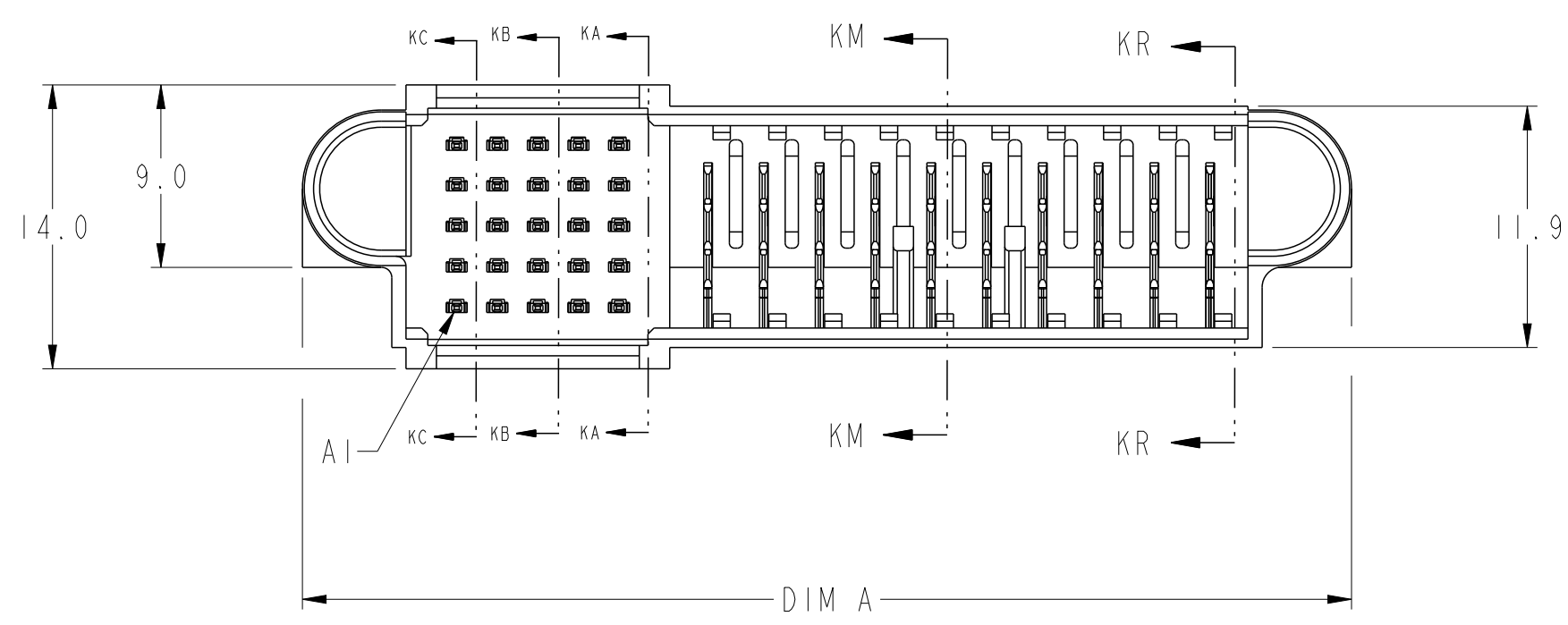
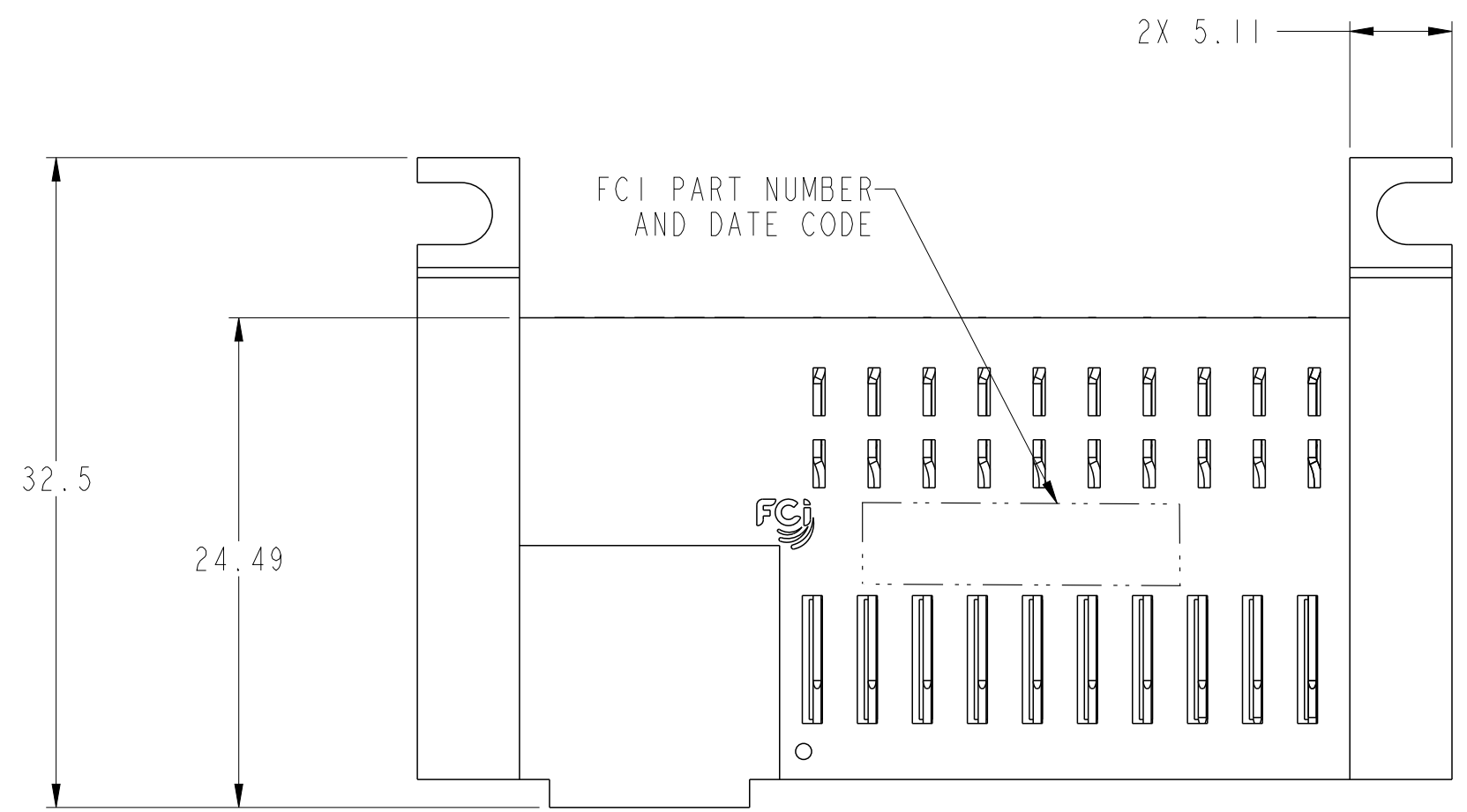
PLATING ON POWER CONTACTS: 1.27µm MIN Ni UNDERPLATING ALL OVER
WITH 0.76µm MIN GXT IN CONTACT MATING AREA, AND
0.5µm MIN MATTE TIN ON TAIL AREA.

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 $\varnothing 0.61\pm 0.05\text{mm}$, 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 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								
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 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 1 of 10			

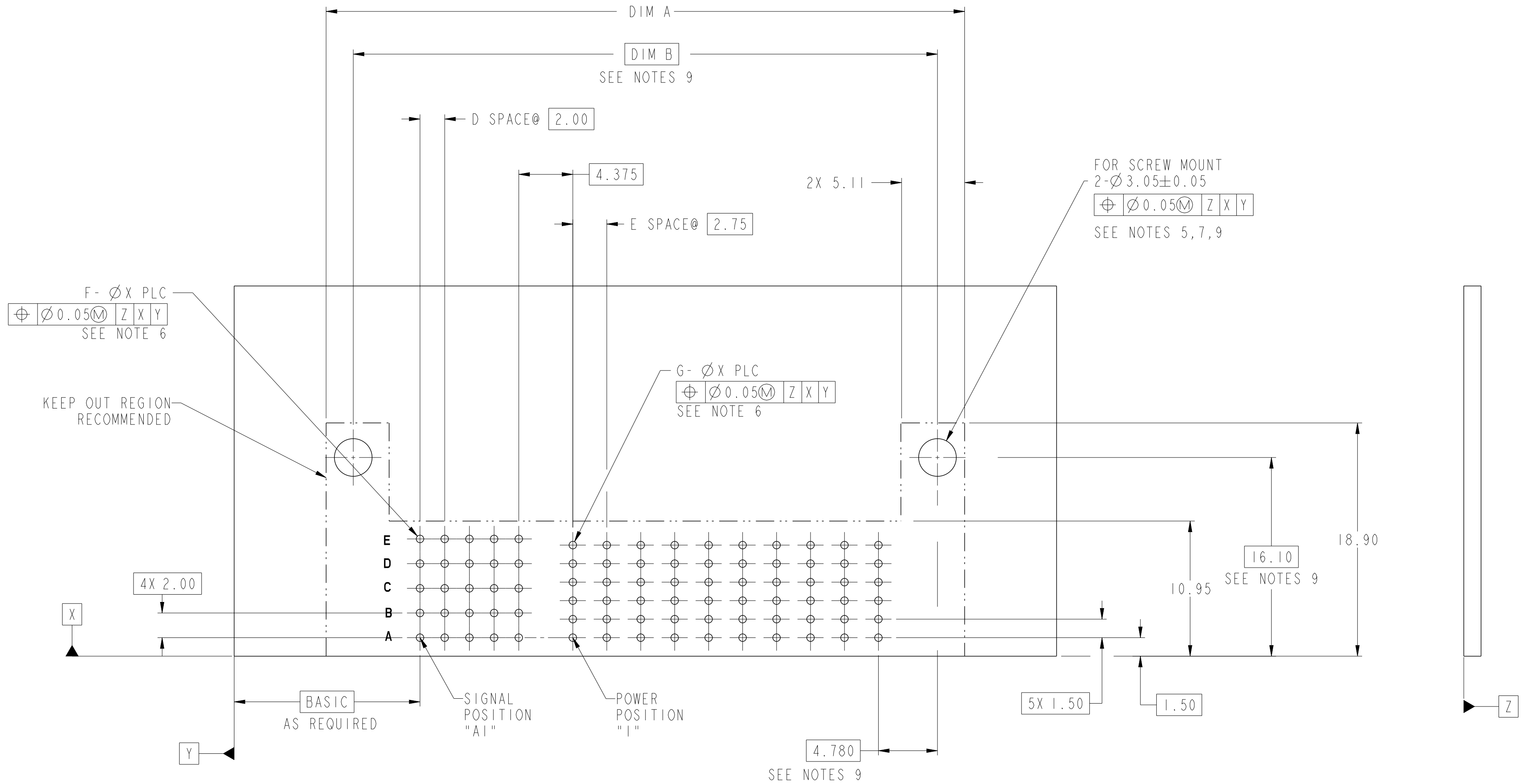


SCREW MOUNT TYPE AS SHOWN

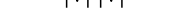
spec ref		SEE NOTE 10		dr	Zhang Hong-Tu	2012/08/13	projection		MM	size	A2	scale	3:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	De-Ming Lu	2017/05/09				ecn no	ELX-DG-18076-1		
ISO 406				chr	Fancy Zhang	2017/05/23	product family	PwrLoPro	rel level	Released		rev	H
ISO 1101				appr	Pei-Ming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

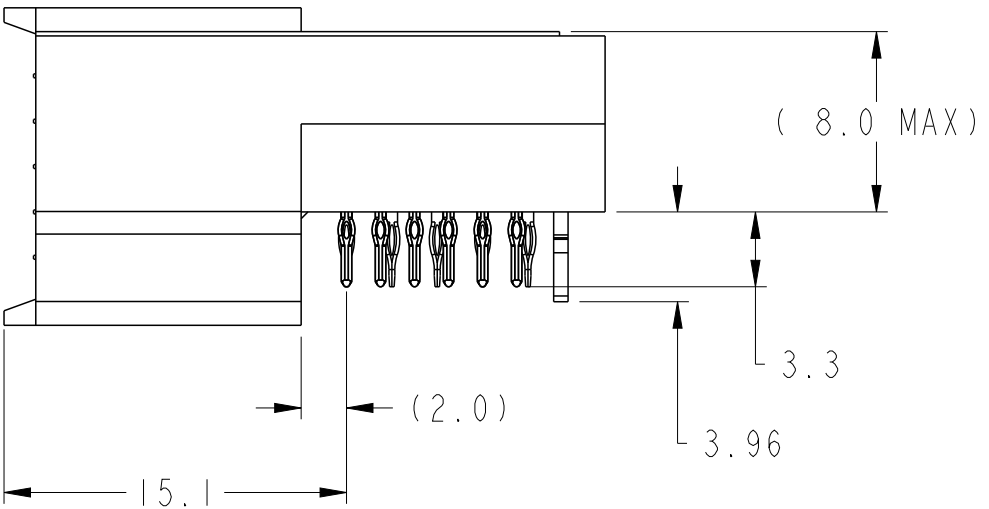
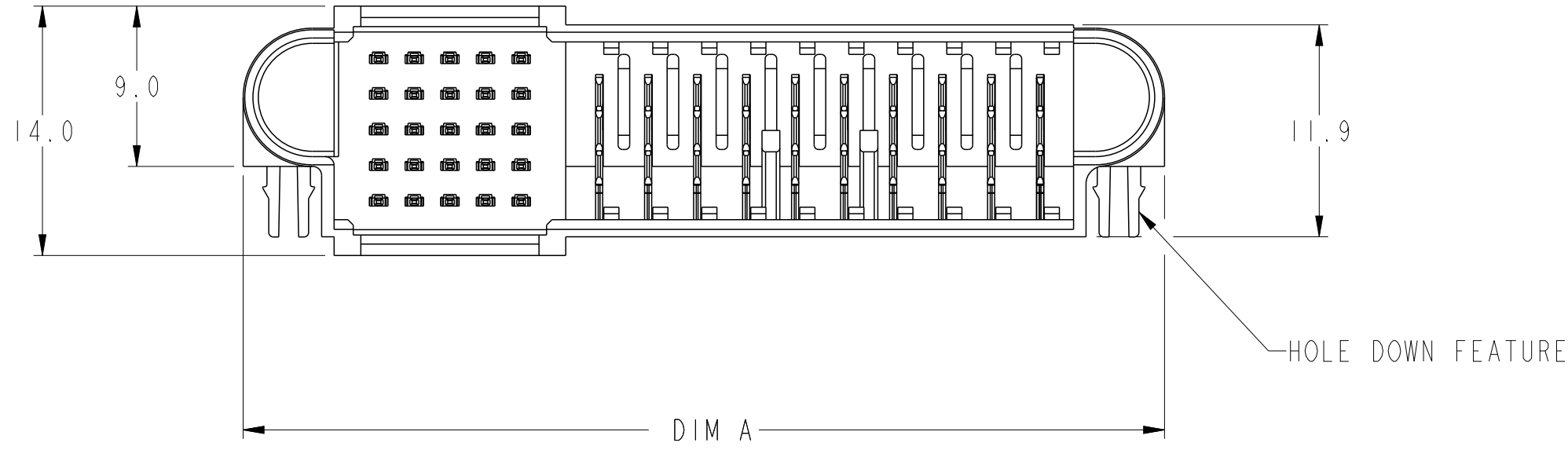
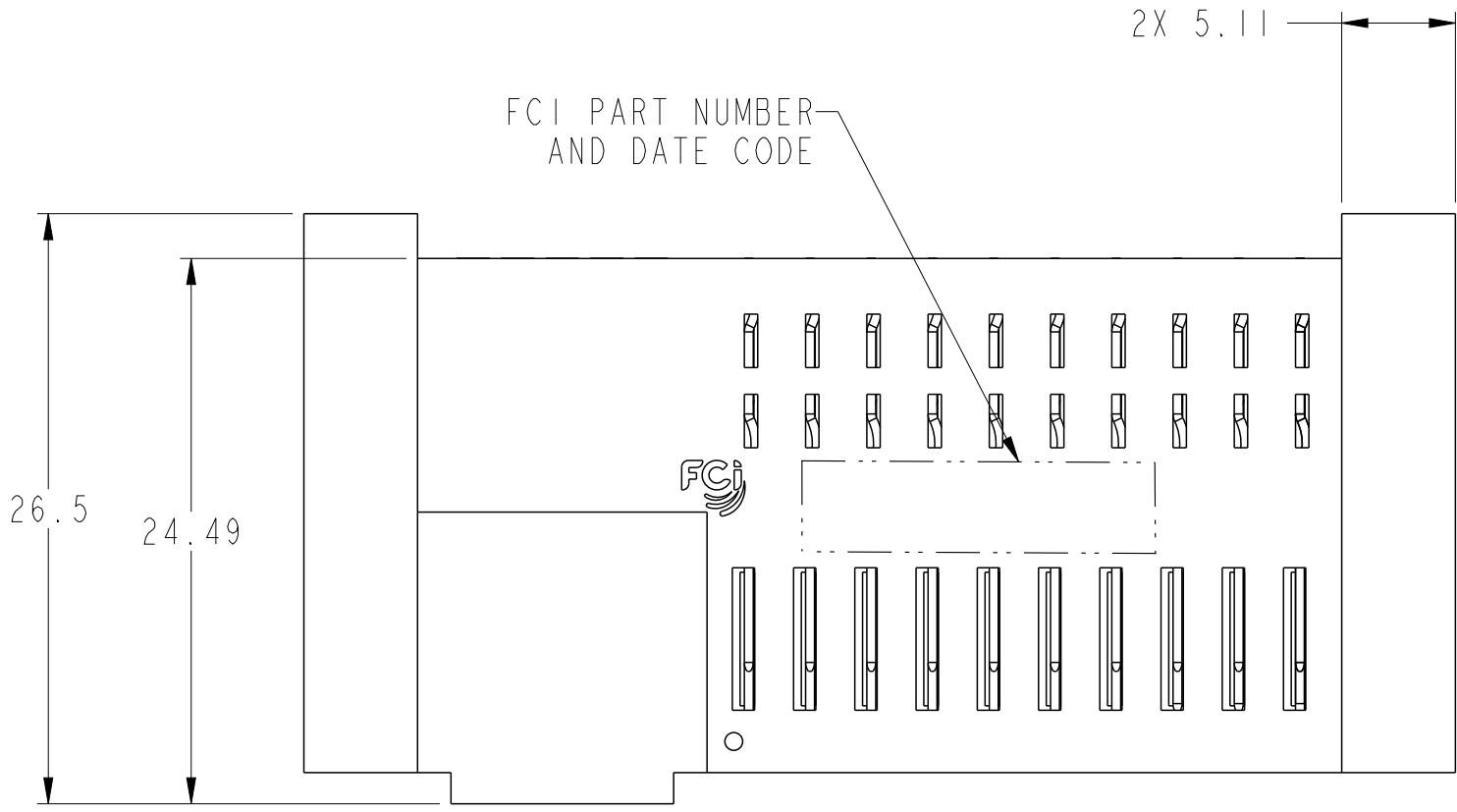
Amphenol FCI

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

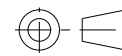
spec ref		SEE NOTE 10		dr		Zhang Hong-Tu		2012/08/13		projection		MM		size		A2		scale		3:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		De-Ming Lu		2017/05/09						ecn no		ELX-DG-18076-1		rev		Released	
ISO 406				chr		Fancy Zhang		2017/05/23													
ISO 1101				appr		Pei-Ming Zheng		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	
ISO 1302		angular		0° ±2°		cat. no.		-		Product - Customer Drw		sheet 3 of 10									



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 - ISO 1302		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									

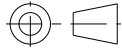
10122460-003LF AS SHOWN
RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT SEE NOTE 4
FOR 10122460-XXXLF HOLD DOWN TYPE
(AS VIEWED FROM COMPONENT SIDE)

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						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																			
		ISO 1302		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 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 6 of 10				

Creo File - REV E - 2016-02-12

1

2

3

4

5

PDS: Rev :H

STATUS:Released

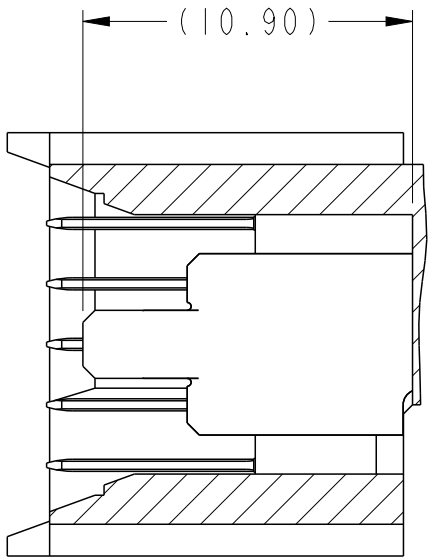
Printed: May 26, 2017

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

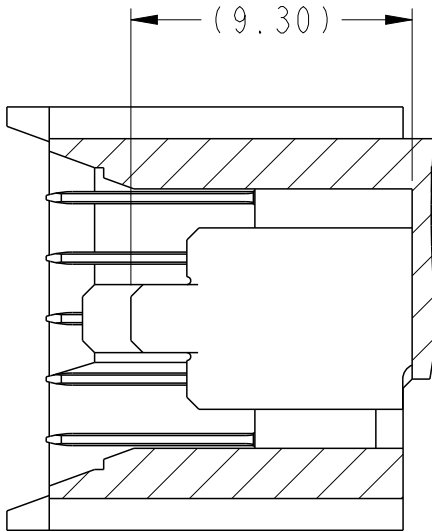
- 1). LOAD WITH CHOICE OF 2 POWER CONTACT MATING LEVELS, SEE SECTIONS KM & KR FOR AVAILABLE LEVEL OPTIONS.
- 2). LOAD WITH CHOICE OF 3 SIGNAL CONTACT MATING LEVELS, SEE SECTIONS KA,KB,&KC FOR AVAILABLE LEVEL OPTIONS.
- 3). MOUNTING FEATURE OPTION "X"

- H : HOLD DOWN TYPE

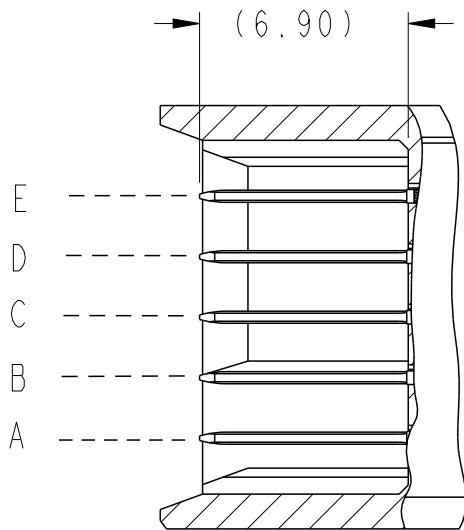
- S : SCREW MOUNT TYPE
- 4). CUSTOMER LOADING WORKSHEET SHOWN AT MAXMUM SIZE CONFIGURATION (40Sx24P), SIGNALS AVAILABLE IN 2,3,4 THRU 8 POSITIONS, POWERS AVAILABLE IN 4,6,8 THRU 24 POSITIONS IN EVEN QUANTITIES ONLY.



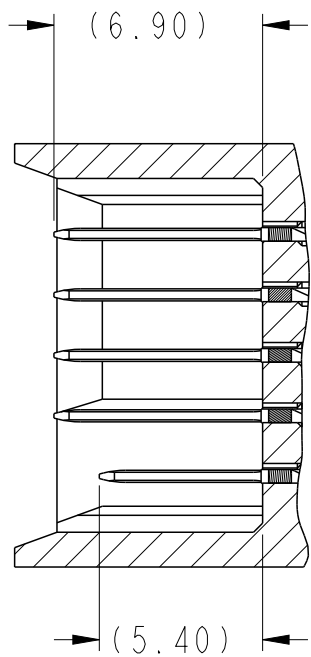
POWER
SECTION KM-KM
LEVEL 1:
LONGEST MATING
CONTACTS



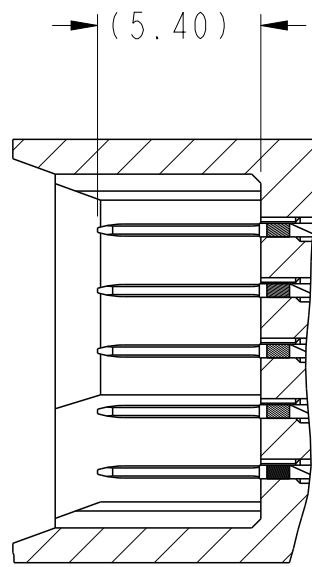
POWER
SECTION KR-KR
LEVEL 2:
SHORTEST MATING
CONTACTS



SIGNAL
SECTION KA-KA
LEVEL 2:
ALL LONGEST
CONTACTS



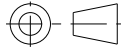
SIGNAL
SECTION KB-KB
LEVEL 32222 (MIXED):
ROW "A",SHORTEST CONTACT
ROW "B" THRU "E",LONGEST CONTACTS



SIGNAL
SECTION KC-KC
LEVEL 3:
ALL SHORTEST
CONTACTS

spec ref		SEE NOTE 10			dr		Zhang Hong-Tu		2012/08/13		projection				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		- ISO 1302		linear				title		PWR LoPro HEADER ASSEMBLY RA, PASSIVE GUIDE,S+P						dwg no		10122460		rev		H	
		angular		0°						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		3	3	3	3	3	3	2	2	2	—	—	—	—	—	—	—	2	2	2	2	2	2	2	2	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											
	10122460-003LF 25S + 10P	E	H		2	2	32222	2	2	2	2	2	2	2	2	2	2	2	2	H									
		D																											
		C																											
		B																											
A																													
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		2	2	32222	2	2	—	—	—	—	2	2	2	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													
	10122460-005LF 25S + 10P	E	H		2	2	2	2	3	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											
	10122460-005LF 25S + 10P	E	H		2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	H									
		D																											
		C																											
		B																											
A																													
F	VIEWED FROM MATING FACE:																												
© 2016 AFCI		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		ISO 1302 	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							
angular	0°	±2°	cat. no.		-	Product - Customer Drw		sheet 8 of 10			

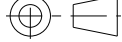
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spec ref		SEE NOTE 10			dr		Zhang Hong-Tu		2012/08/13		projection		MM		size		A2		scale		1:1								
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		De-Ming Lu		2017/05/09						ecn no		ELX-DG-18076-1												
ISO 406					chr		Fancy Zhang		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 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 8 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	19	20	
	10122460-010LF 35S + 20P	E	H		3	3	3	3	3	3	2	2	2	—	—	—	—	—	—	—	—	—	2	2	2	2	2	2	2	2	H
		D																													
		C																													
		B																													
A																															
B	PART NUMBER	ROWS		SIGNALS					POWERS																						
				1	2	3	4	5	1	2																					
	10122460-011LF 25S + 02P	E	H		2	32222	2	32222	2	1	2	H																			
		D																													
		C																													
		B																													
A																															
C	PART NUMBER	ROWS		SIGNALS					POWERS																						
				1	2	3	4	5	1	2	3	4	5	6	7	8	9	10													
	10122460-013LF 25S + 10P	E	S		2	2	2	2	3	2	2	2	2	2	2	2	2	2	S												
		D																													
		C																													
		B																													
A																															
D																															
E																															
F																															

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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							
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		sheet 10 of 10		

PDS: Rev :H

STATUS:Released

Printed: May 26, 2017

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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