

A

B

C

D

E

F

A

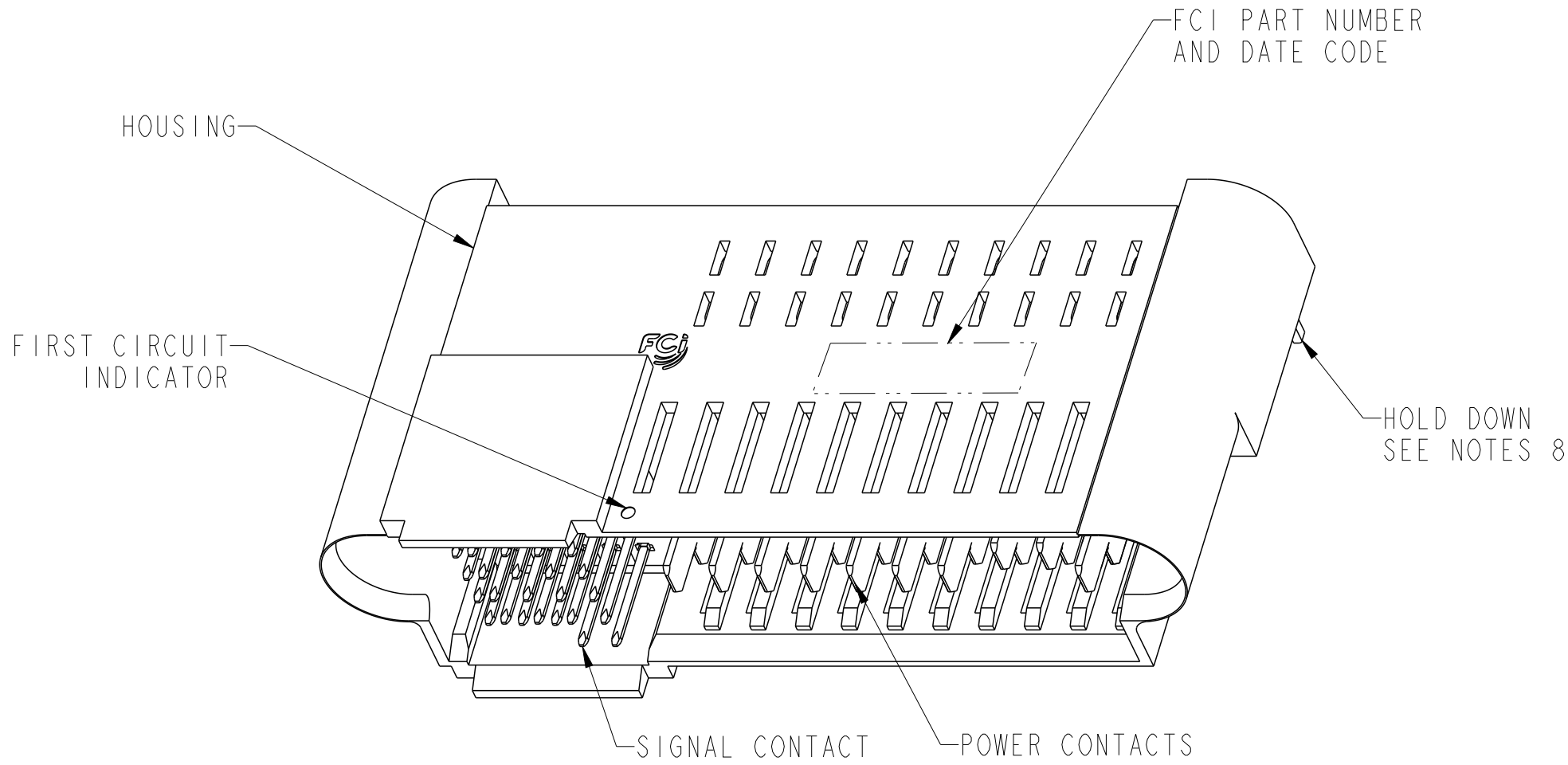
B

C

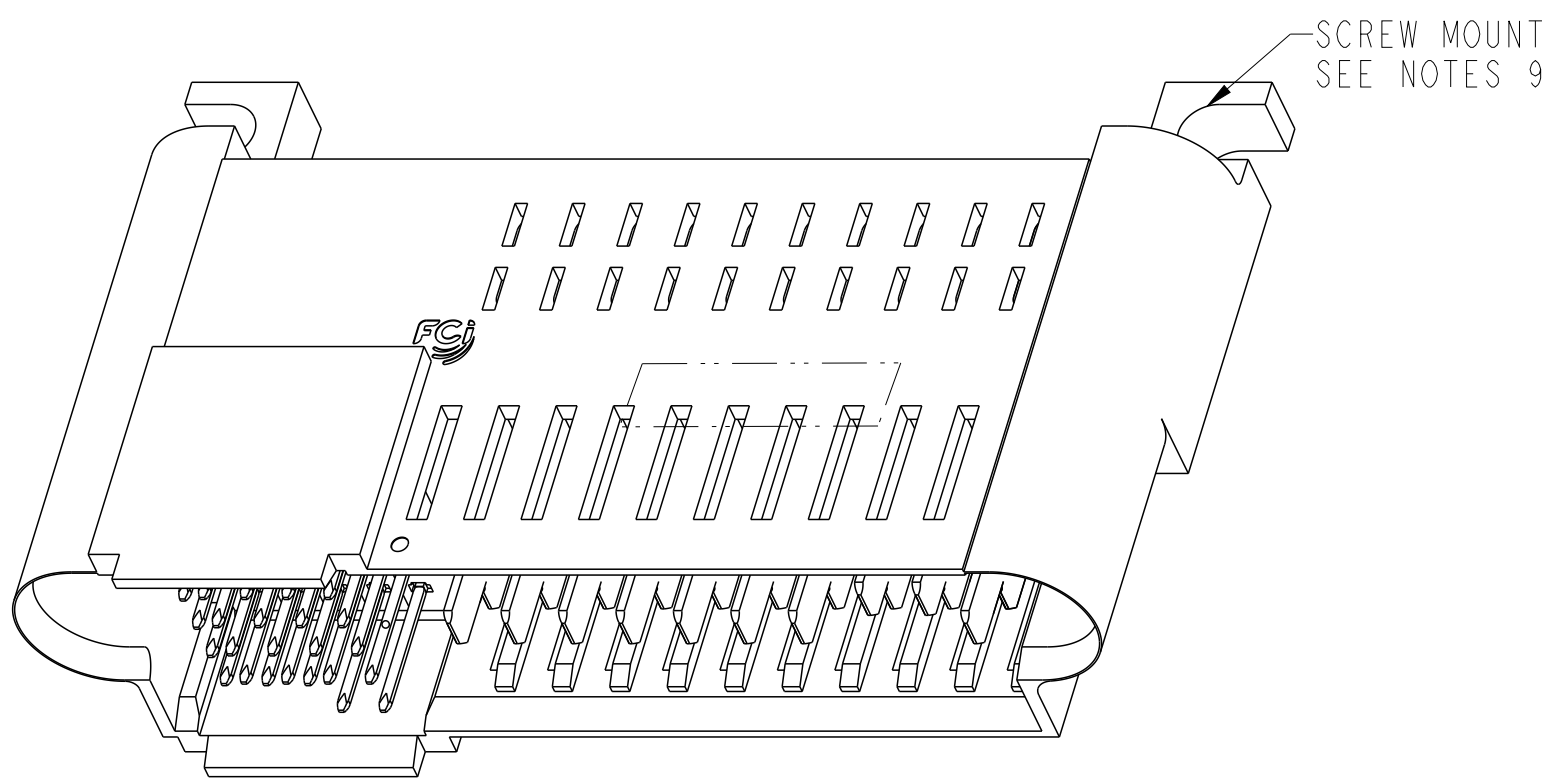
D

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.

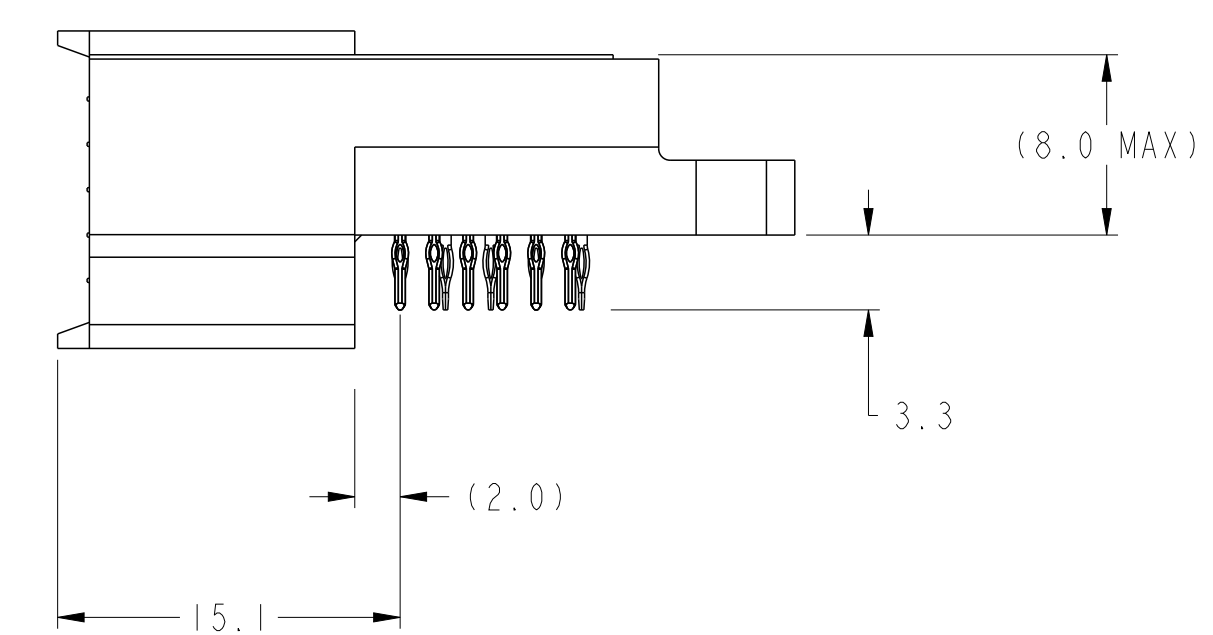
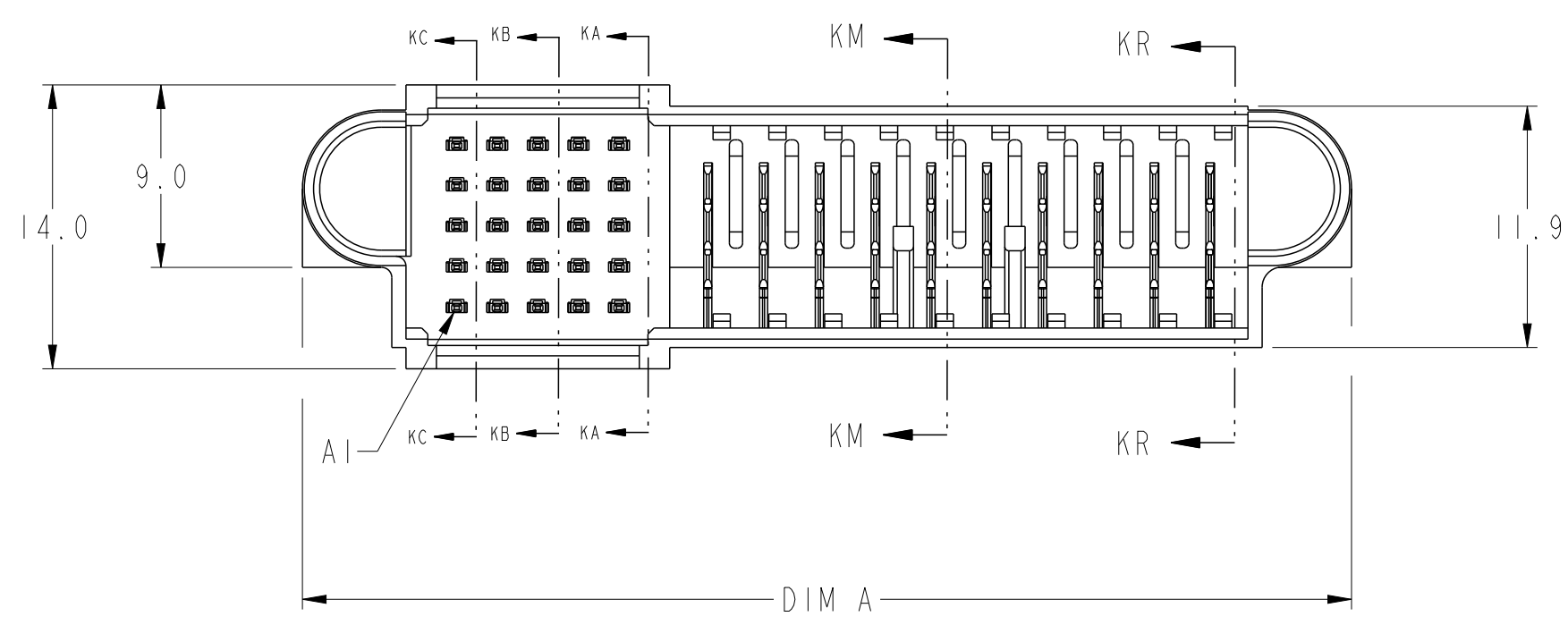
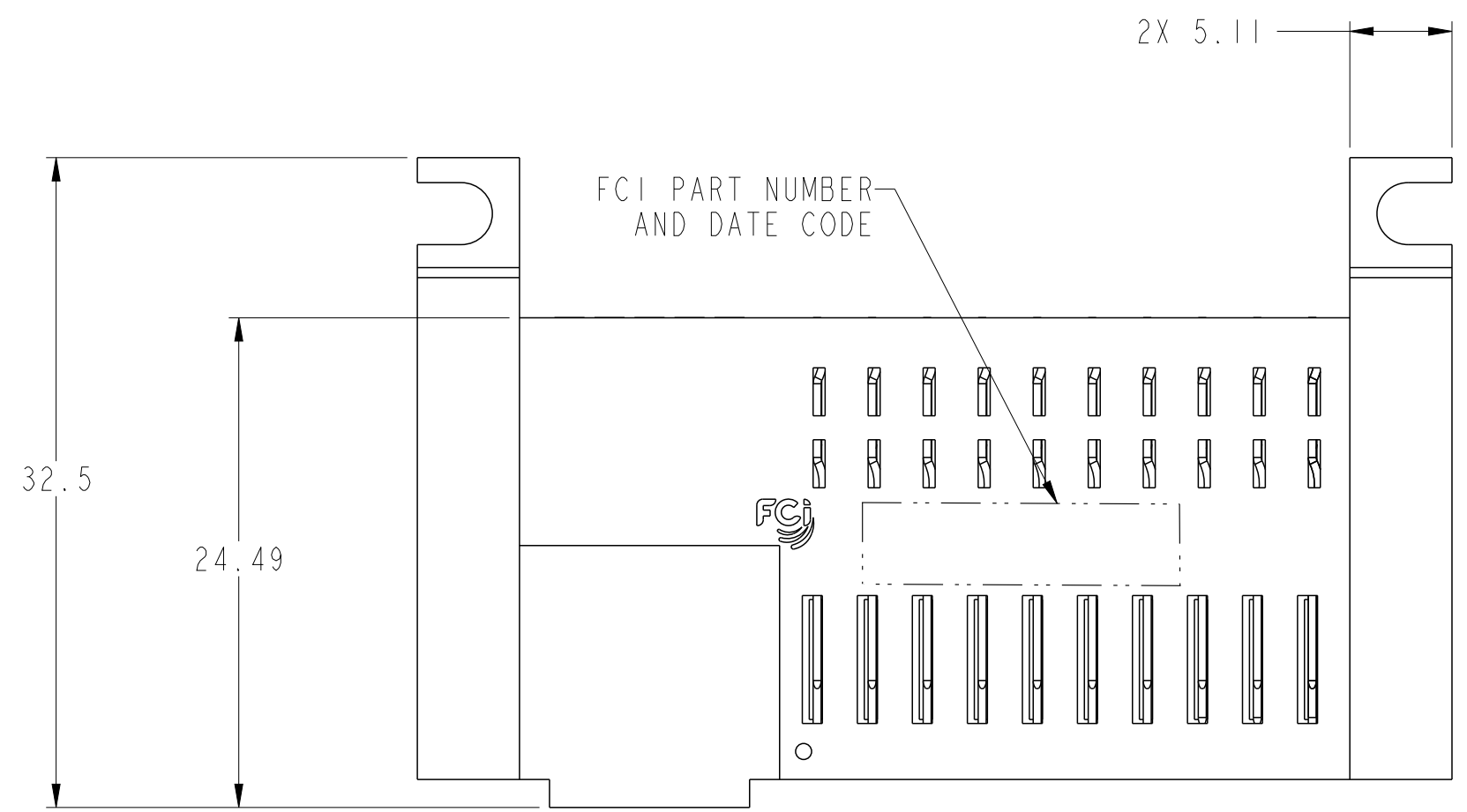
PLATING ON POWER CONTACTS: 1.27μm MIN Ni UNDERPLATING ALL OVER WITH 0.76μm MIN GXT IN CONTACT MATING AREA, AND 0.5μm MIN MATTE TIN ON TAIL AREA.

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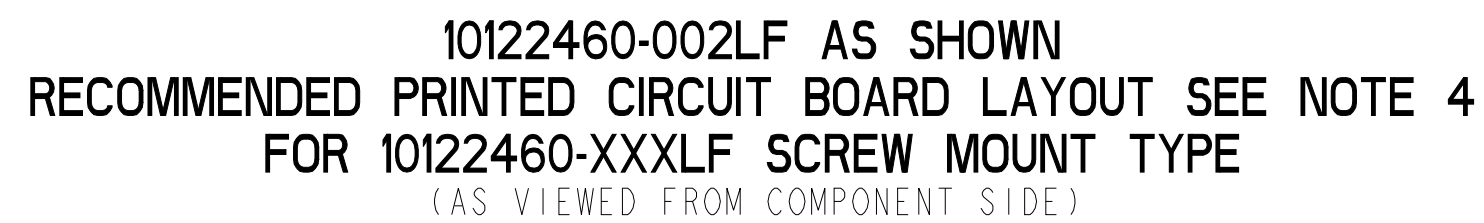
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spec ref		SEE NOTE 10		dr		Zhang Hong-Tu		2012/08/13		projection		MM		size		A2		scale		1:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		De-Ming Lu		2017/05/09						ecn no		ELX-DG-18076-1									
ISO 406						chr		Fancy Zhang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

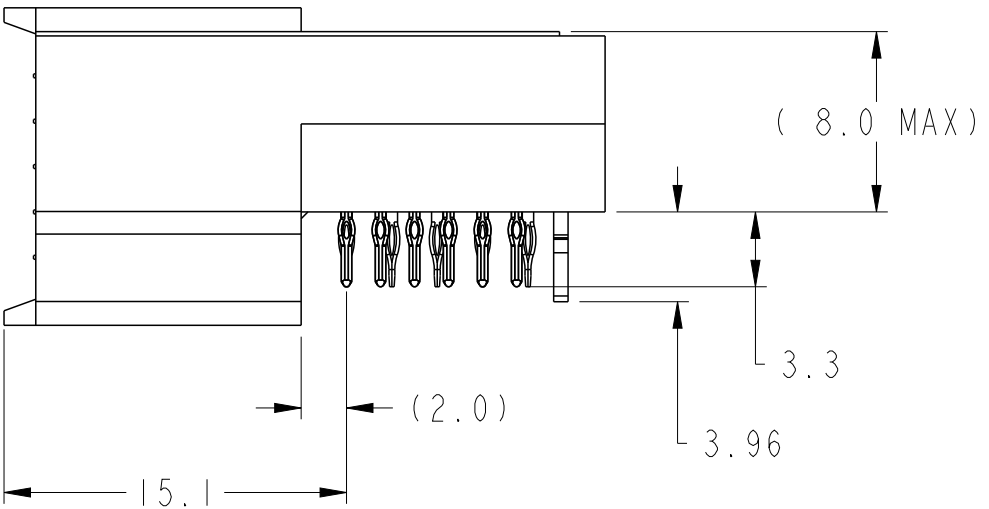
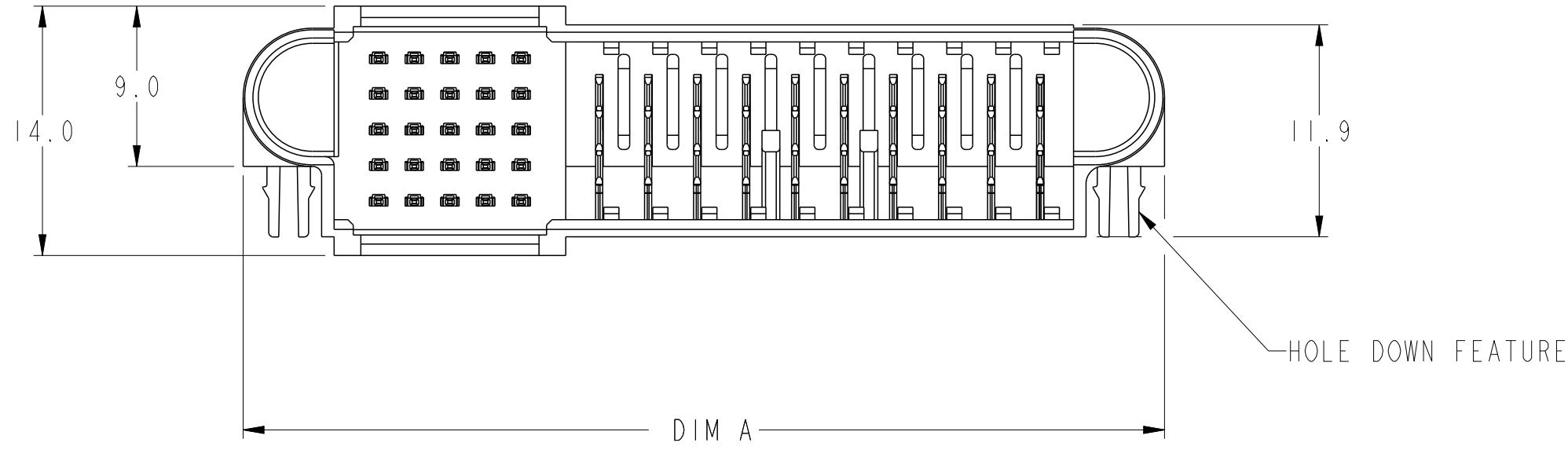
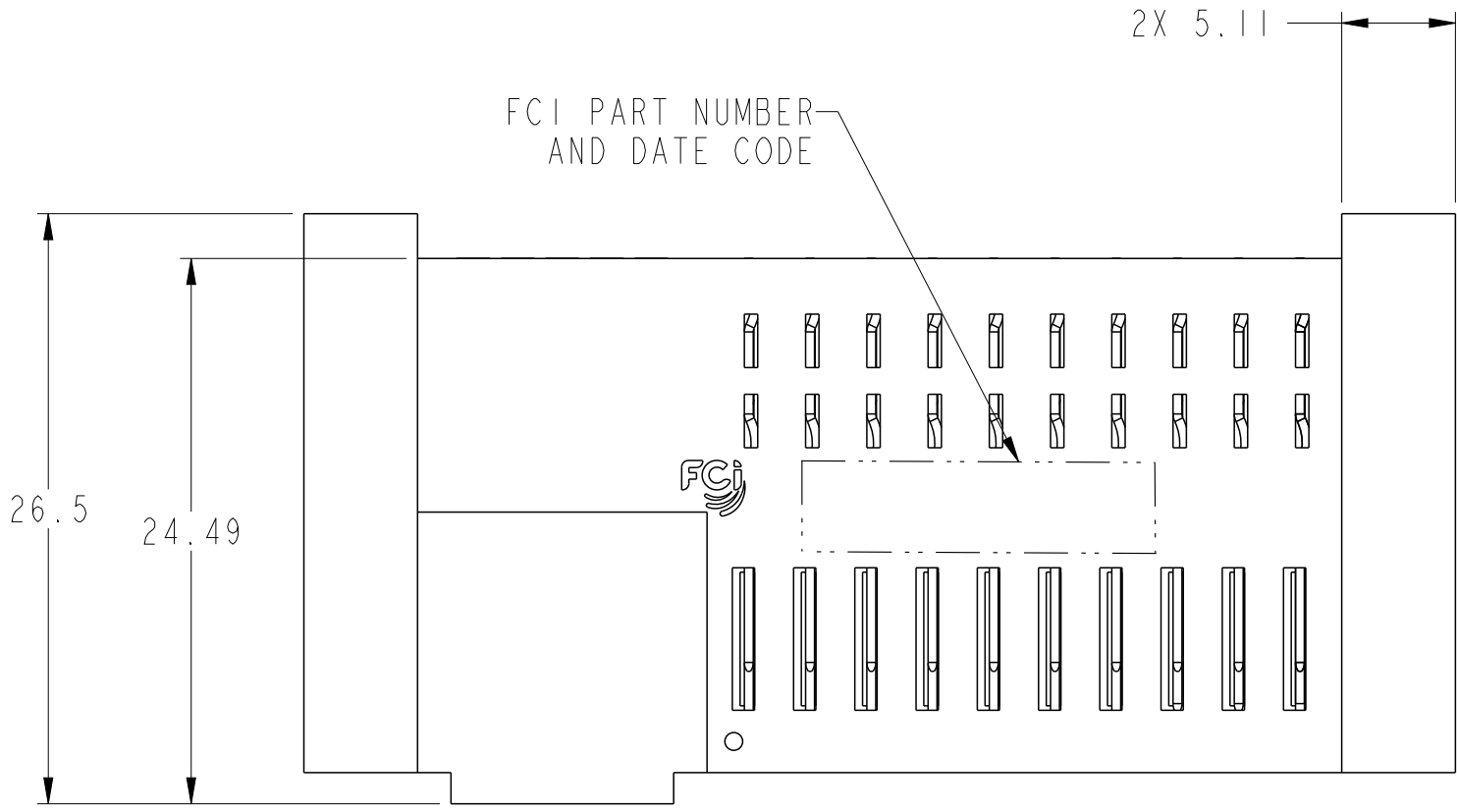


SCREW MOUNT TYPE AS SHOWN

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 ISO 1101				chr	Fancy Zhang	2017/05/23				rel level			Released
				appr	Pei-Ming Zheng	2017/05/26	product family		PwrLoPro				
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 2 of 10		

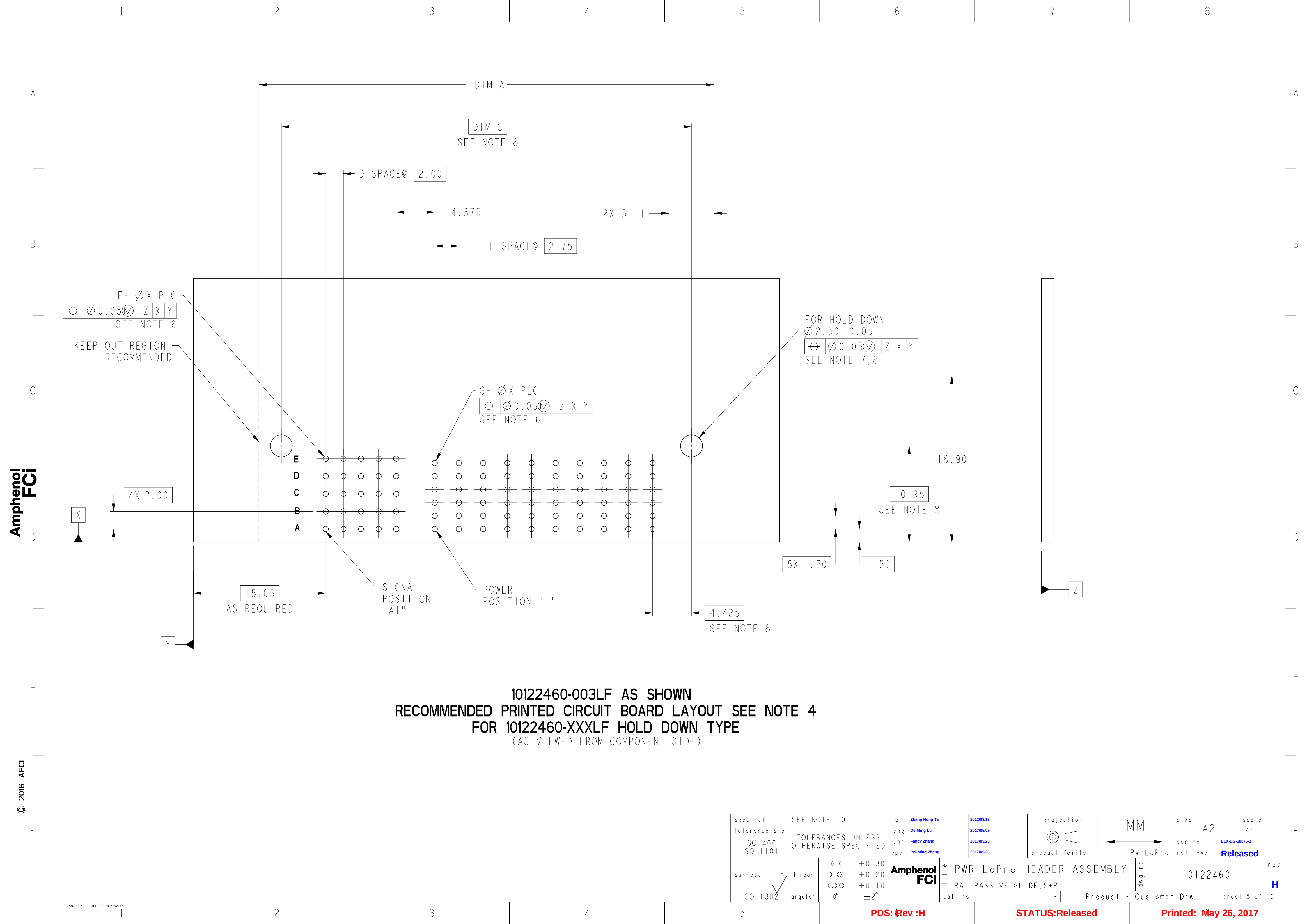


spec ref		SEE NOTE 10		dr		Zhang Hong-Tu		2012/08/13		projection		MM		size		A2		scale		3:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		De-Ming Lu		2017/05/09						ecn no		ELX-DG-18076-1											
ISO 406				chr		Fancy Zhang		2017/05/23						rel level		Released											
ISO 1101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

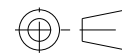


HOLE DOWN TYPE AS SHOWN

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		rel level		Released																																					
ISO 1101				appr		Pei-Ming Zheng		2017/05/26																																									
										product family										PwrLoPro																													
surface - ISO 1302		linear ✓ angular		0.X		±0.30		Amphenol FCI		title		PWR LoPro HEADER ASSEMBLY										dwg no		10122460										rev		H													
				0.XX		±0.20																																											
				0.XXX		±0.10																																											
										cat. no.										-										Product - Customer Drw										sheet 4 of 10									



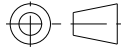
10122460-003LF AS SHOWN
RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT SEE NOTE 4
FOR 10122460-XXXLF HOLD DOWN TYPE
(AS VIEWED FROM COMPONENT SIDE)

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	
ISO 1302				0.XX		±0.20																							
				0.XXX		±0.10																							
		angular		0°		±2°																							
														cat. no.							-								

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			dwg no	10122460	rev	H
		0.XX	±0.20											
		0.XXX	±0.10											
angular	0°	±2°												
ISO 1302				cat. no.		-	Product - Customer Drw			sheet 6 of 10				

Creo File - REV E - 2016-02-12

1

2

3

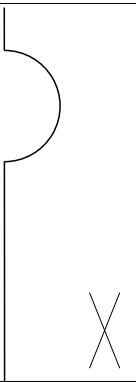
4

5

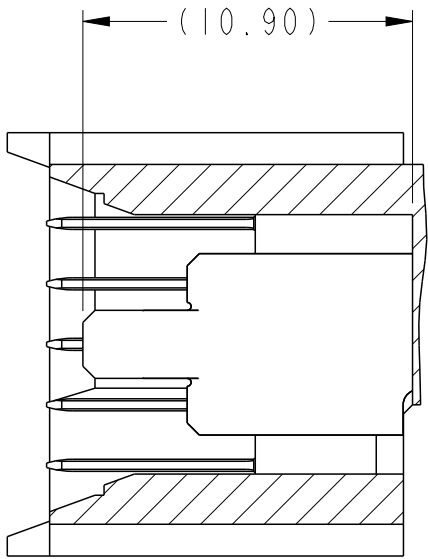
PDS: Rev :H

STATUS:Released

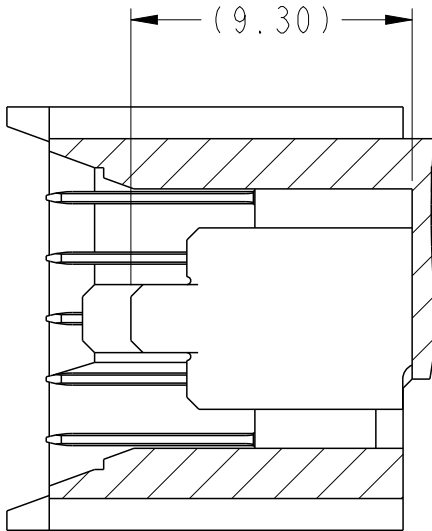
Printed: May 26, 2017

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

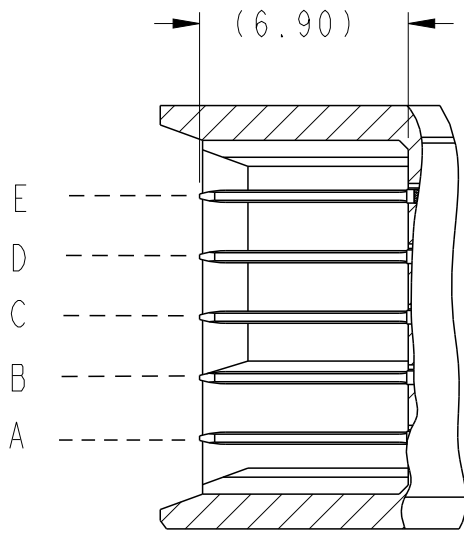
- 1). LOAD WITH CHOICE OF 2 POWER CONTACT MATING LEVELS, SEE SECTIONS KM & KR FOR AVAILABLE LEVEL OPTIONS.
- 2). LOAD WITH CHOICE OF 3 SIGNAL CONTACT MATING LEVELS, SEE SECTIONS KA,KB,&KC FOR AVAILABLE LEVEL OPTIONS.
- 3). MOUNTING FEATURE OPTION "X"
- H : HOLD DOWN TYPE
- S : SCREW MOUNT TYPE
- 4).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



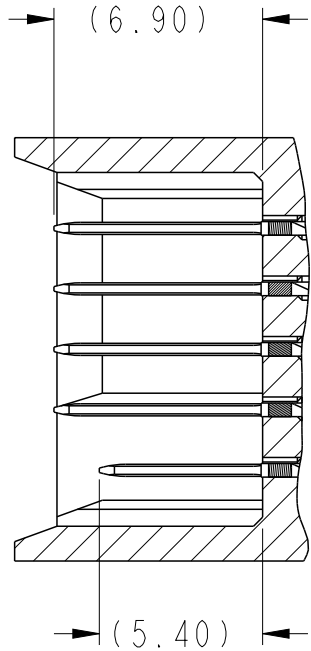
POWER
SECTION KM-KM
LEVEL 1:
LONGEST MATING
CONTACTS



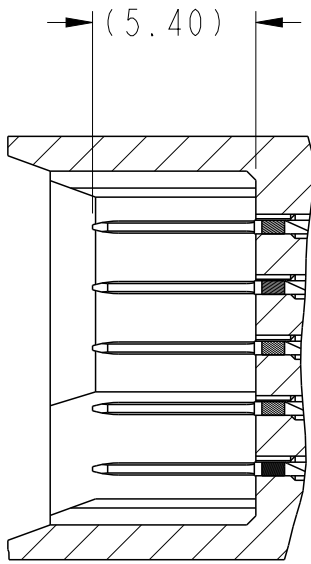
POWER
SECTION KR-KR
LEVEL 2:
SHORTEST MATING
CONTACTS



SIGNAL
SECTION KA-KA
LEVEL 2:
ALL LONGEST
CONTACTS



SIGNAL
SECTION KB-KB
LEVEL 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				PWR LoPro HEADER ASSEMBLY RA, PASSIVE GUIDE,S+P		cat. no.		-		Product - Customer Drw		sheet 7 of 10		dwg no		10122460		rev		H	
				angular														0°		±2°					

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																				
A	10122460-006LF 25S + 8P		E	H		2	2	32222	2	2	-	-	2	2	2	2	2		-		H															
			D																																	
			C																																	
			B																																	
			A																																	
PART NUMBER		ROWS		SIGNALS					POWERS																											
				1	2	3	4	5	1	2	3	4	5	6	7	8	9		10																	
B	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																																	
PART NUMBER		ROWS		SIGNALS			POWERS																													
				1	2	3	1	2																												
C	10122460-008LF 15S + 2P		E	H		32222	2	2	-	2											H															
			D																																	
			C																																	
			B																																	
			A																																	
PART NUMBER		ROWS		SIGNALS					POWERS																											
				1	2	3	4	5	1	2	3	4	5	6	7	8	9	10																		
D	10122460-009LF 25S + 10P		E	H		2	2	3	2	2	2	2	2	2	2	2	2	2	H																	
			D																																	
			C																																	
			B																																	
			A																																	
PART NUMBER		ROWS		SIGNALS					POWERS																											
				1	2	3	4	5	1	2	3	4	5	6	7	8	9	10																		
E	10122460-009LF 25S + 10P		E	H		2	2	3	2	2	2	2	2	2	2	2	2	2	H																	
			D																																	
			C																																	
			B																																	
			A																																	
PART NUMBER		ROWS		SIGNALS					POWERS																											
				1	2	3	4	5	1	2	3	4	5	6	7	8	9	10																		
F			E																																	
			D																																	
			C																																	
			B																																	
			A																																	

Amphenol FCI

spec ref

SEE NOTE 10

dr

Zhang Hong-Tu

2012/08/13

eng

De-Ming Lu

2017/05/09

chr

Fancy Zhang

2017/05/23

appr

Pei-Ming Zheng

2017/05/26

tolerance std

ISO 406

ISO 1101

TOLERANCES UNLESS OTHERWISE SPECIFIED

surface

ISO 1302

linear

0.X

±0.30

0.XX

±0.20

0.XXX

±0.10

angular

0°

±2°

projection

MM

size

A2

scale

1:1

ecn no

ELX-DG-18076-1

product family

PwrLoPro

rel level

Released

title

PWR LoPro HEADER ASSEMBLY

RA, PASSIVE GUIDE,S+P

cat. no.

-

Product - Customer Drw

sheet 9 of 10

dwg no

10122460

rev

H

Creo File - REV E - 2016-02-12

1

2

3

4

5

6

7

8

