

A

B

C

D

E

F

A

B

C

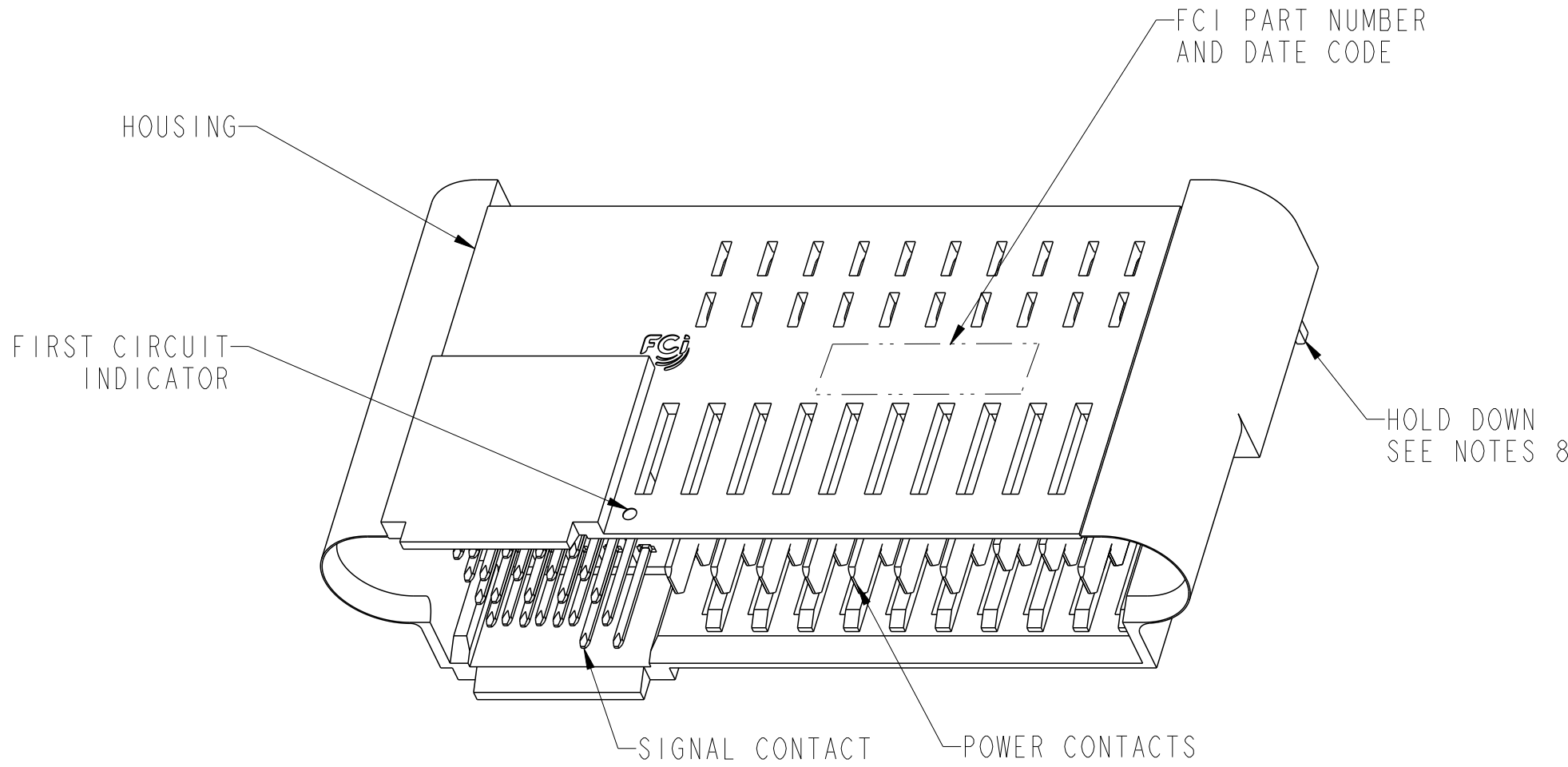
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E

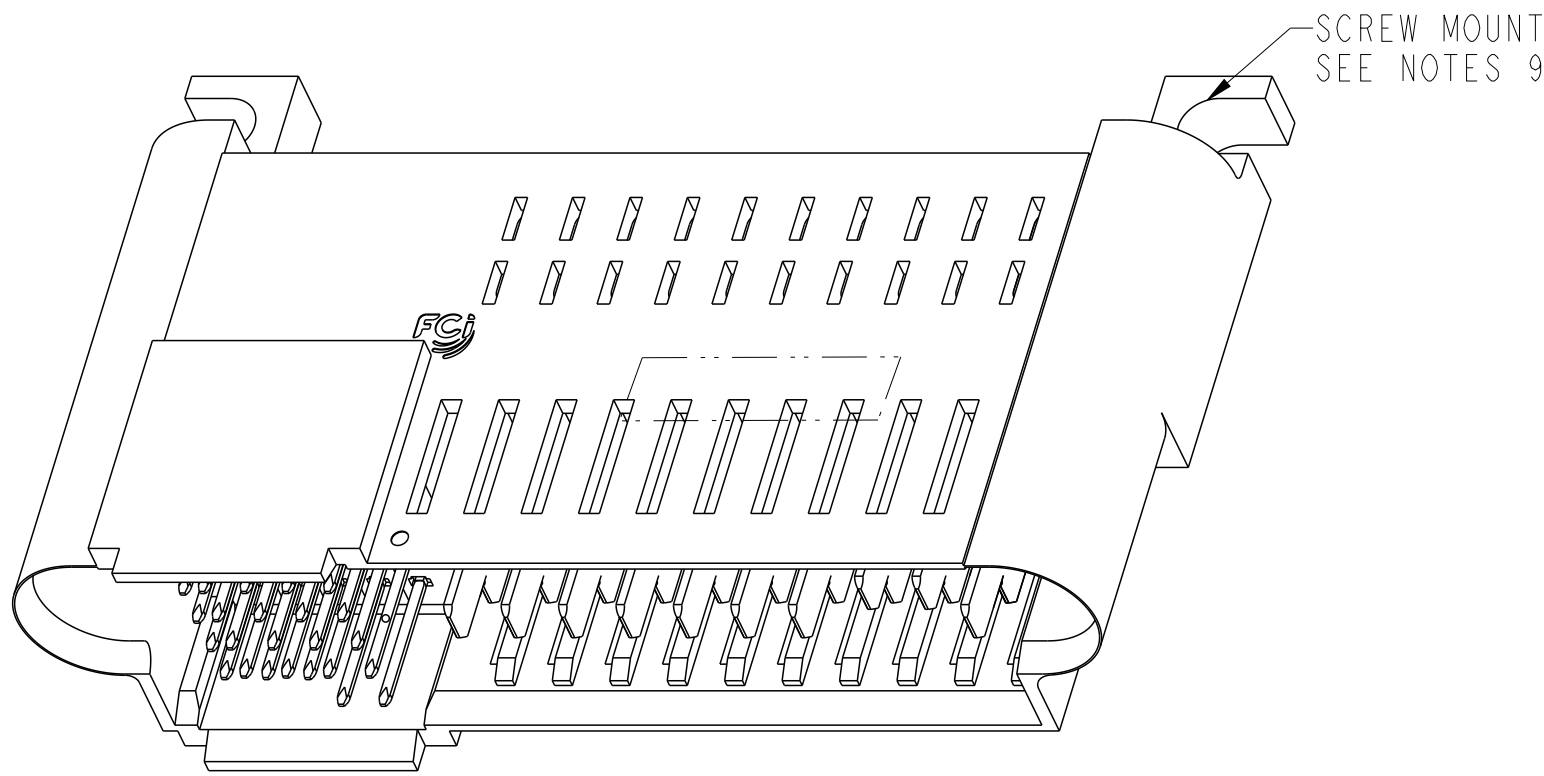
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25Sx10P CONFIGURATION SHOWN
HOLD DOWN TYPE



25Sx10P CONFIGURATION SHOWN
SCREW MOUNT TYPE

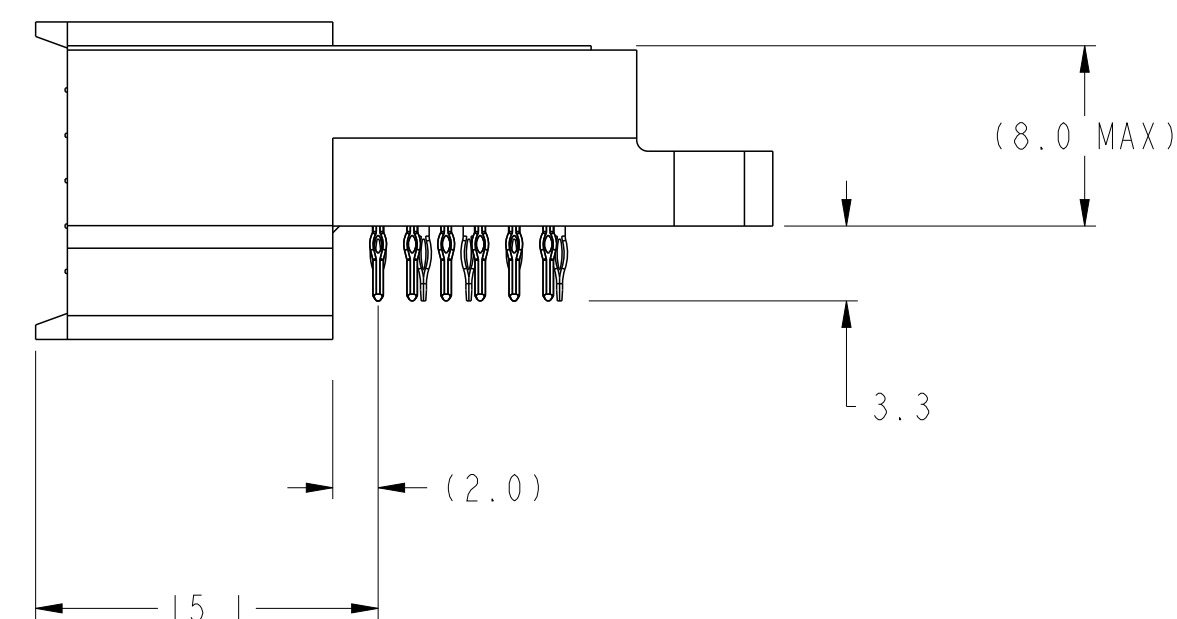
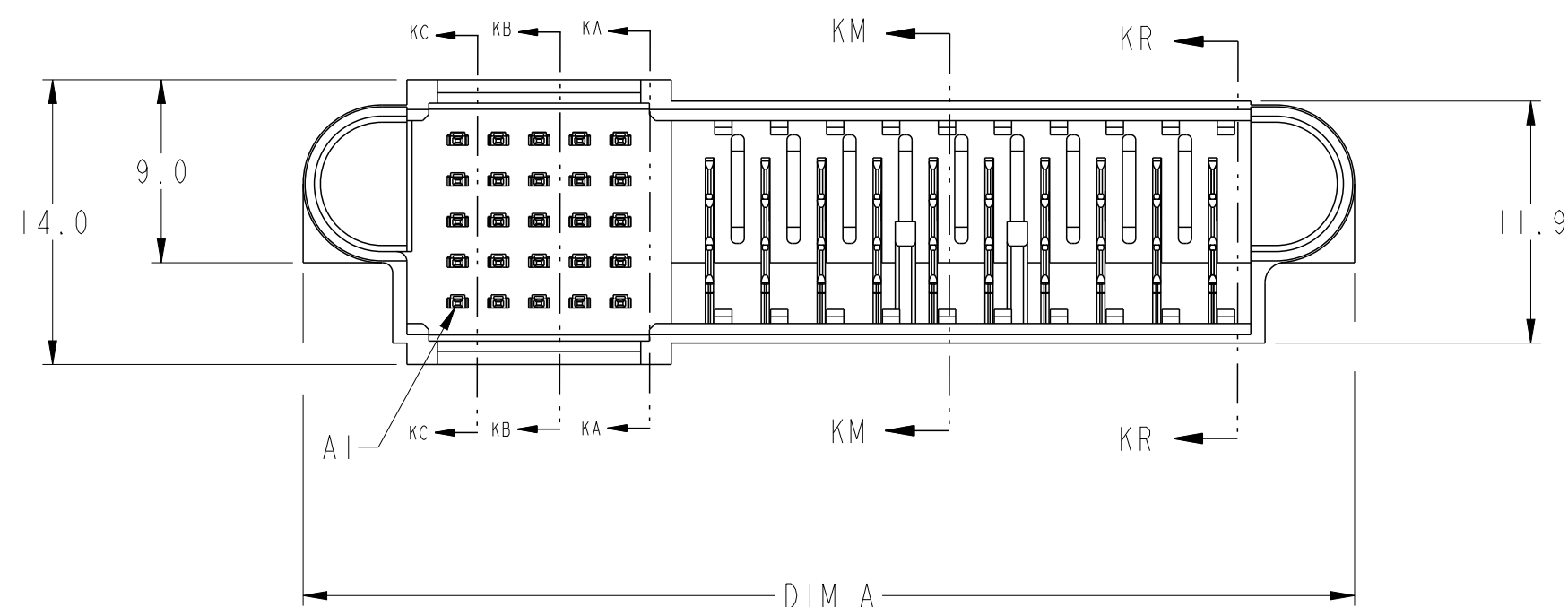
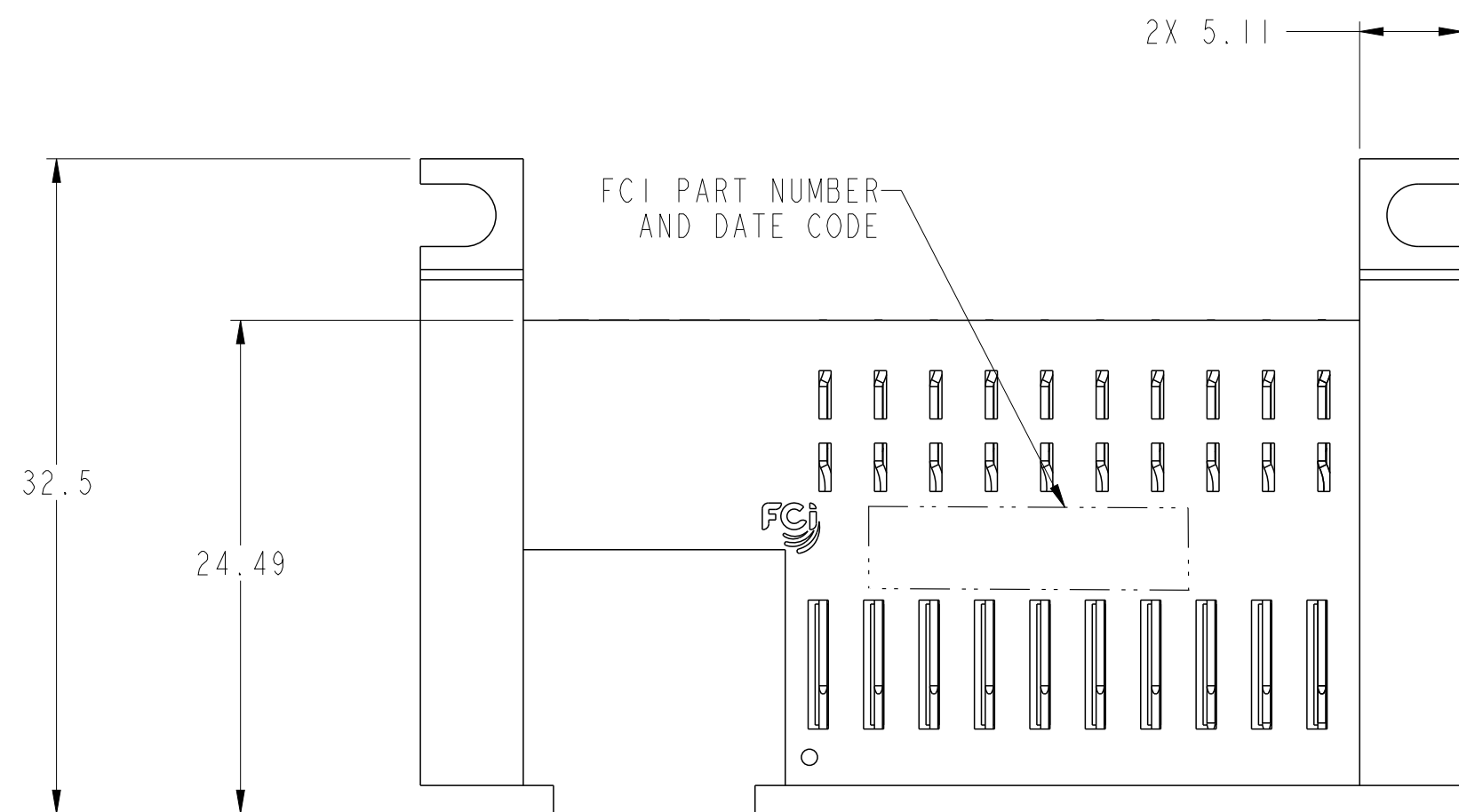
NOTES:

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

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																															



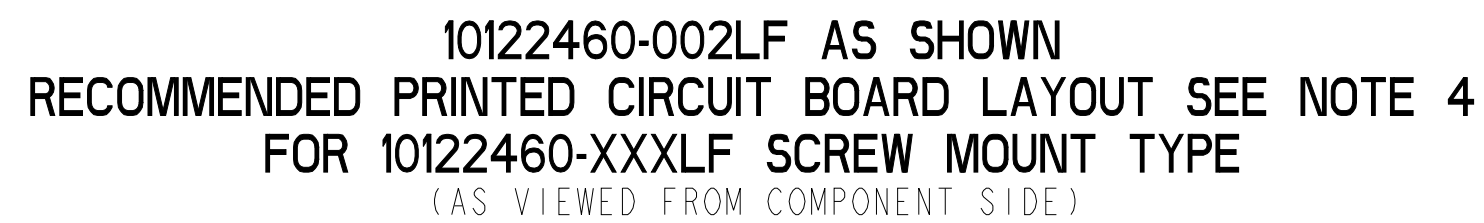
SCREW MOUNT TYPE AS SHOWN

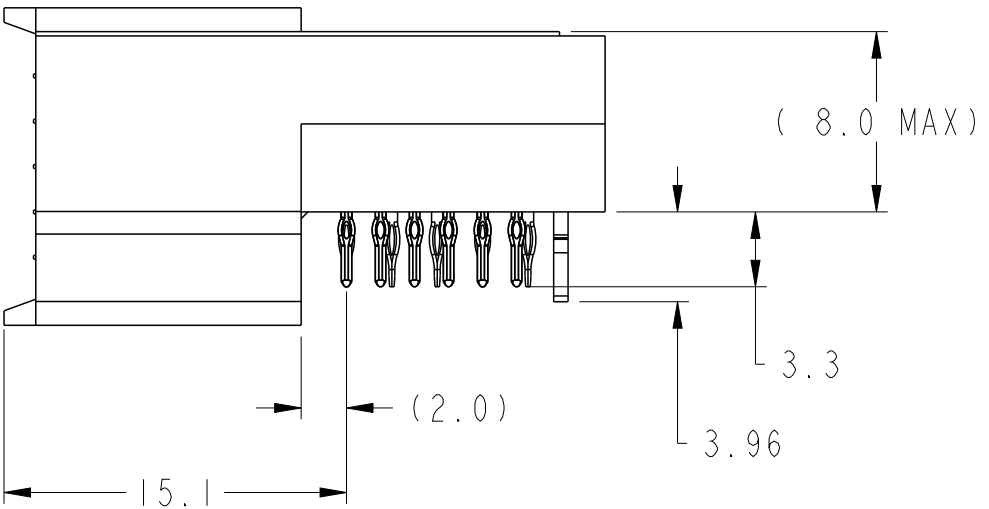
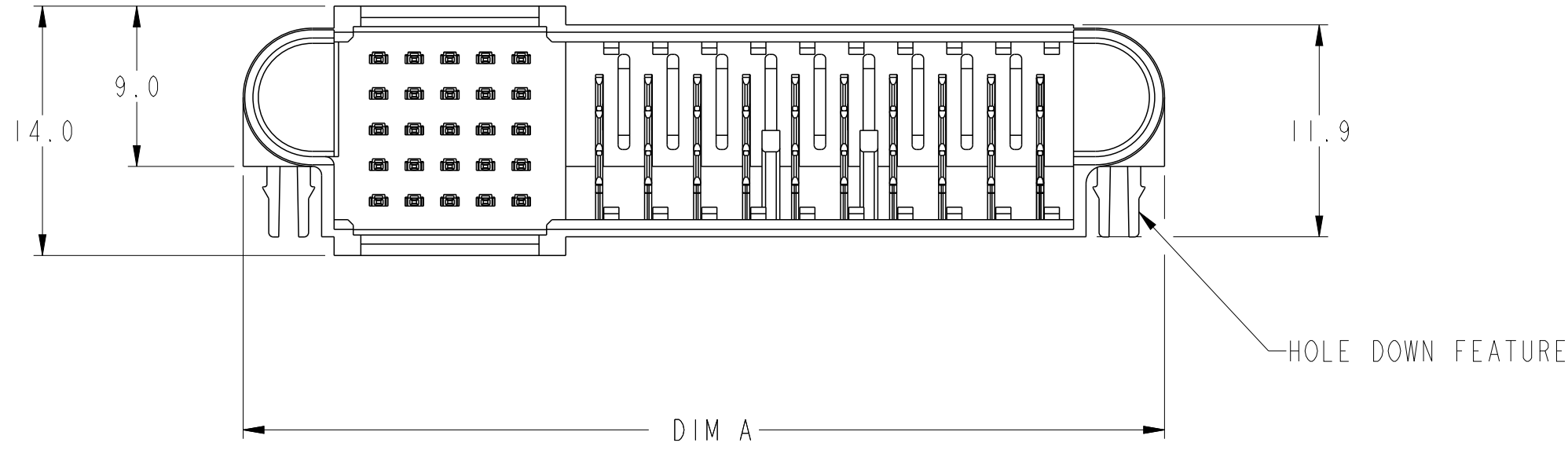
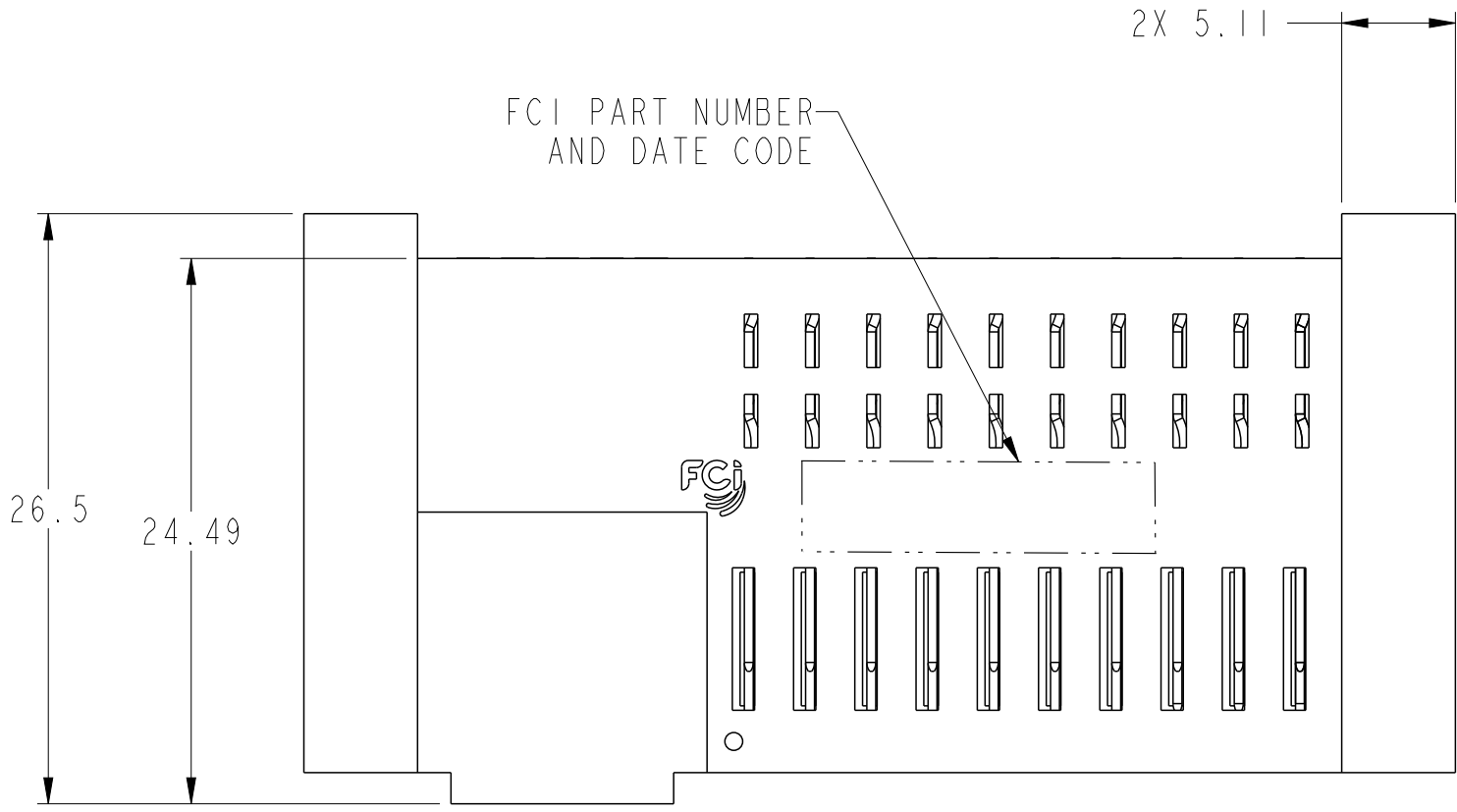
spec ref		SEE NOTE 10		dr		Zhang Hong-Tu		2012/08/13		projection  MM 		size		A2		scale		3:1									
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		De-Ming Lu		2017/05/09				ecn no		ELX-DG-18076-1													
ISO 406				chr		Fancy Zhang		2017/05/23		product family		PwrLoPro		rel level		Released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

PDS: Rev :H

STATUS:Released

Printed: May 26, 2017

Printed: May 26, 2017



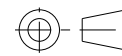
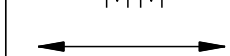
HOLE DOWN TYPE AS SHOWN

spec ref		SEE NOTE 10		dr		Zhang Hong-Tu		2012/08/13		projection		MM		size		A2		scale		3:1																													
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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											
ISO 1302		angular		0.XX		±0.20																																											
				0.XXX		±0.10																																											
				0°		±2°				cat. no.				-		Product - Customer Drw										sheet 4 of 10																							

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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 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 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				
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			sheet 6 of 10		

Creo File - REV E - 2016-02-12

1

2

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4

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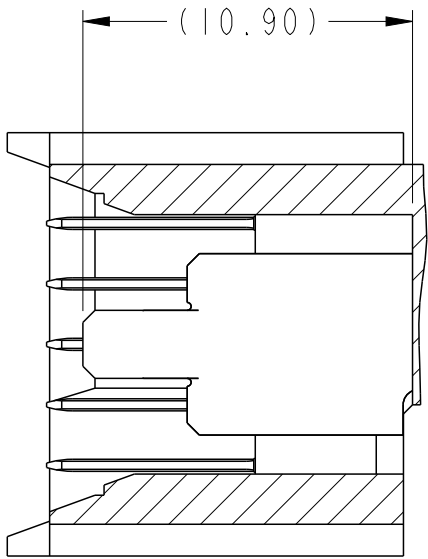
PDS: Rev :H

STATUS:Released

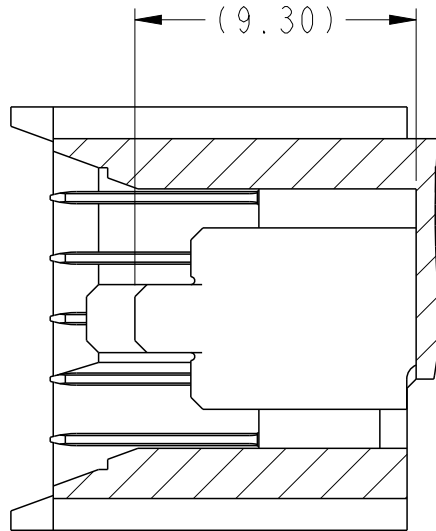
Printed: May 26, 2017

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)																										

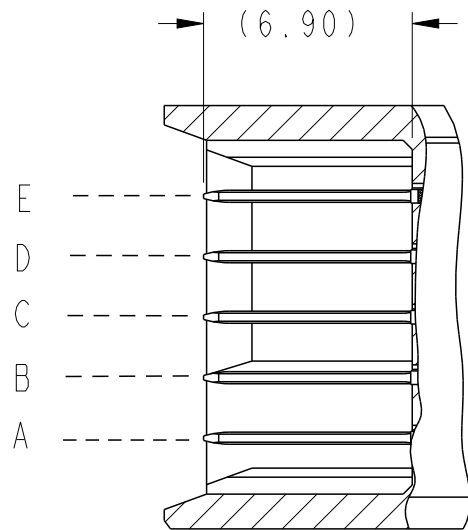
- 1). LOAD WITH CHOICE OF 2 POWER CONTACT MATING LEVELS, SEE SECTIONS KM & KR FOR AVAILABLE LEVEL OPTIONS.
- 2). LOAD WITH CHOICE OF 3 SIGNAL CONTACT MATING LEVELS, SEE SECTIONS KA,KB,&KC FOR AVAILABLE LEVEL OPTIONS.
- 3). MOUNTING FEATURE OPTION "X"
- H : HOLD DOWN TYPE
- S : SCREW MOUNT TYPE
- 4).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



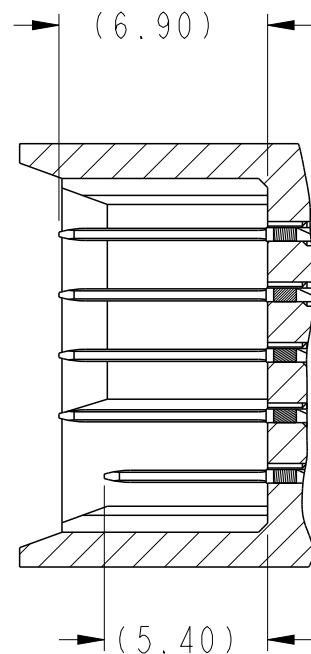
POWER
SECTION KM-KM
LEVEL 1:
LONGEST MATING
CONTACTS



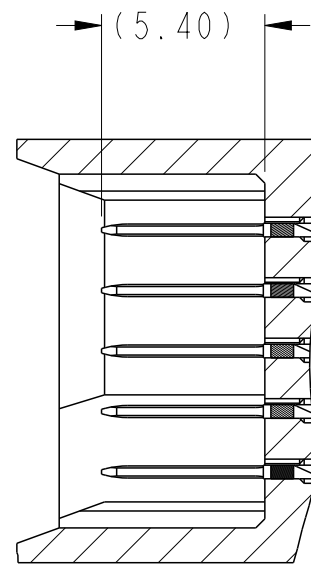
POWER
SECTION KR-KR
LEVEL 2:
SHORTEST MATING
CONTACTS



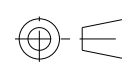
SIGNAL
SECTION KA-KA
LEVEL 2:
ALL LONGEST
CONTACTS



SIGNAL
SECTION KB-KB
LEVEL 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						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															
		angular		0°		±2°															

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[10122460-011LF](#) [10122460-013LF](#)