

A

B

C

D

E

F

A

B

C

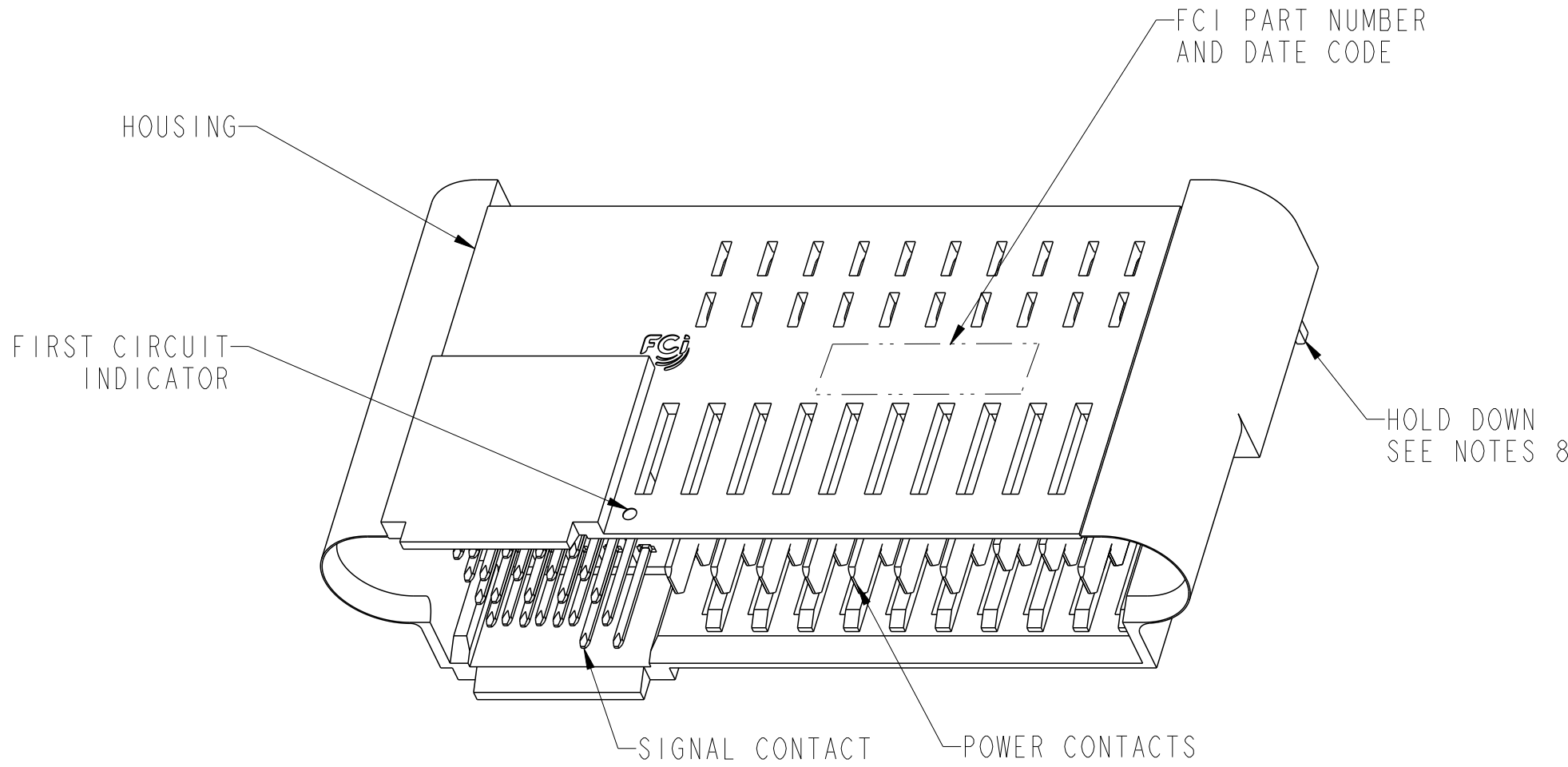
D

E

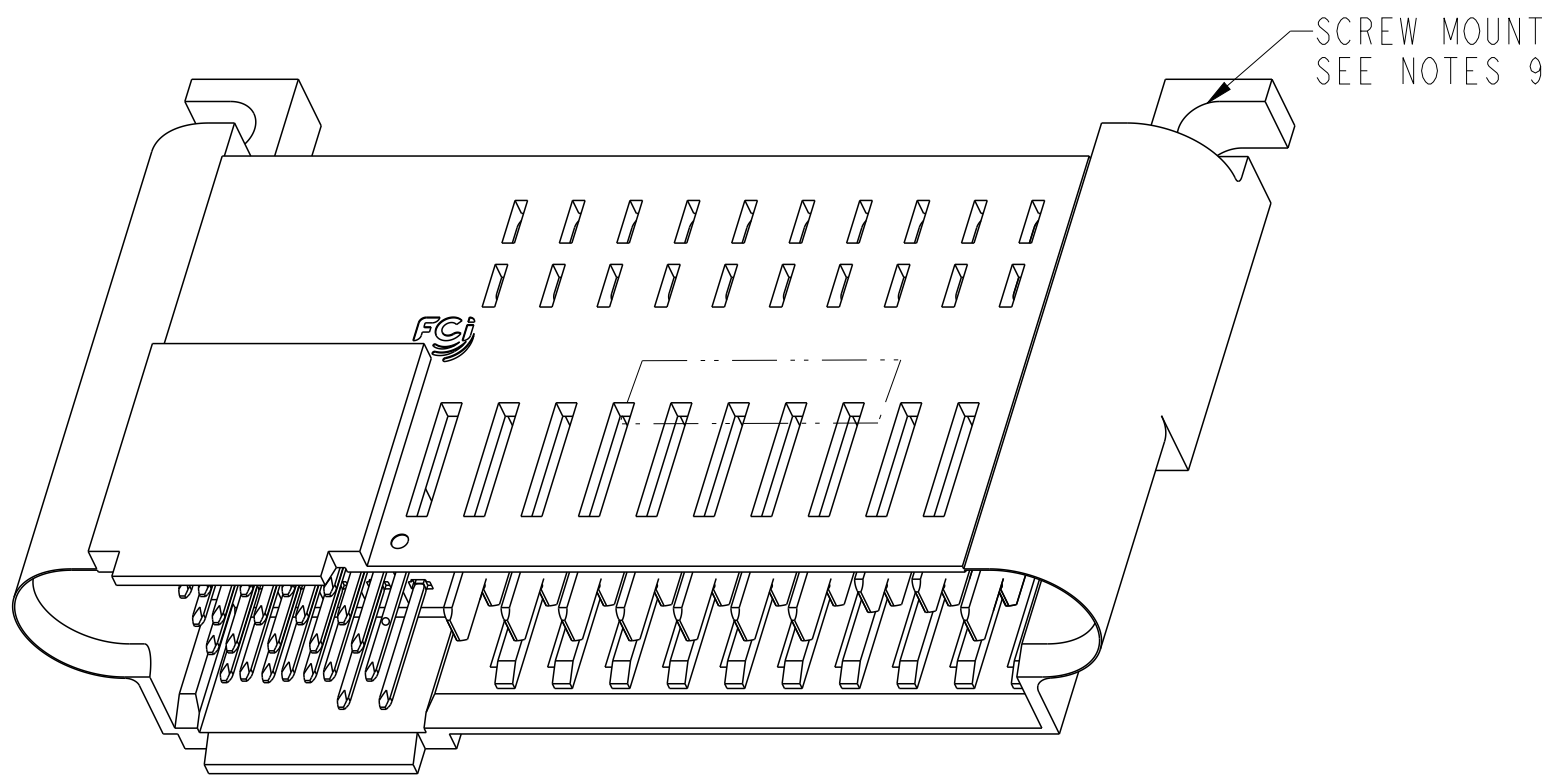
F

Amphenol
FCi

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25Sx10P CONFIGURATION SHOWN
HOLD DOWN TYPE



25Sx10P CONFIGURATION SHOWN
SCREW MOUNT TYPE

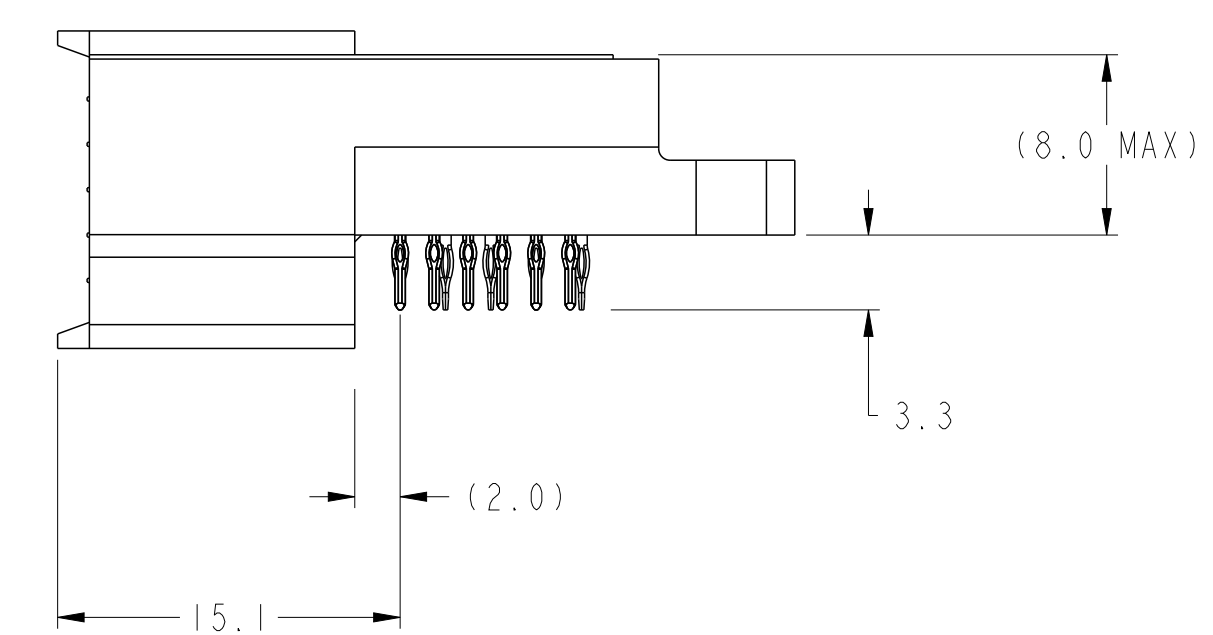
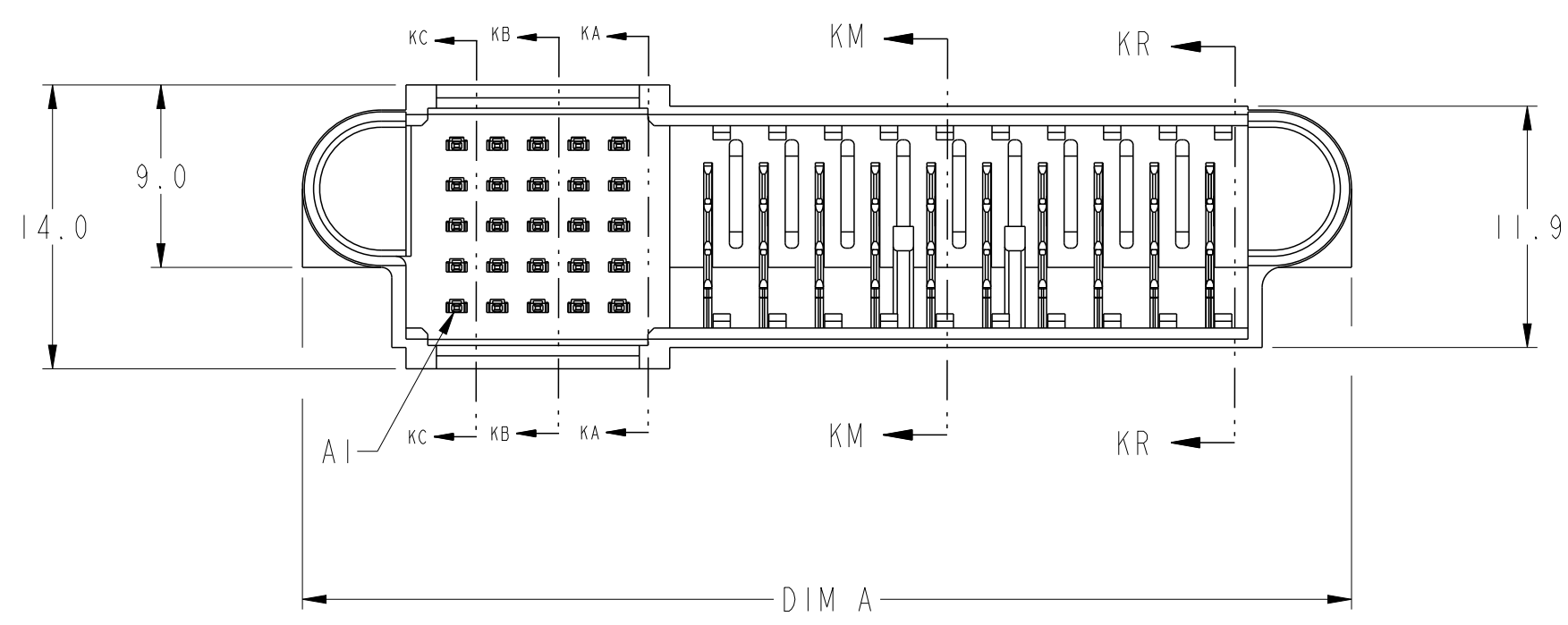
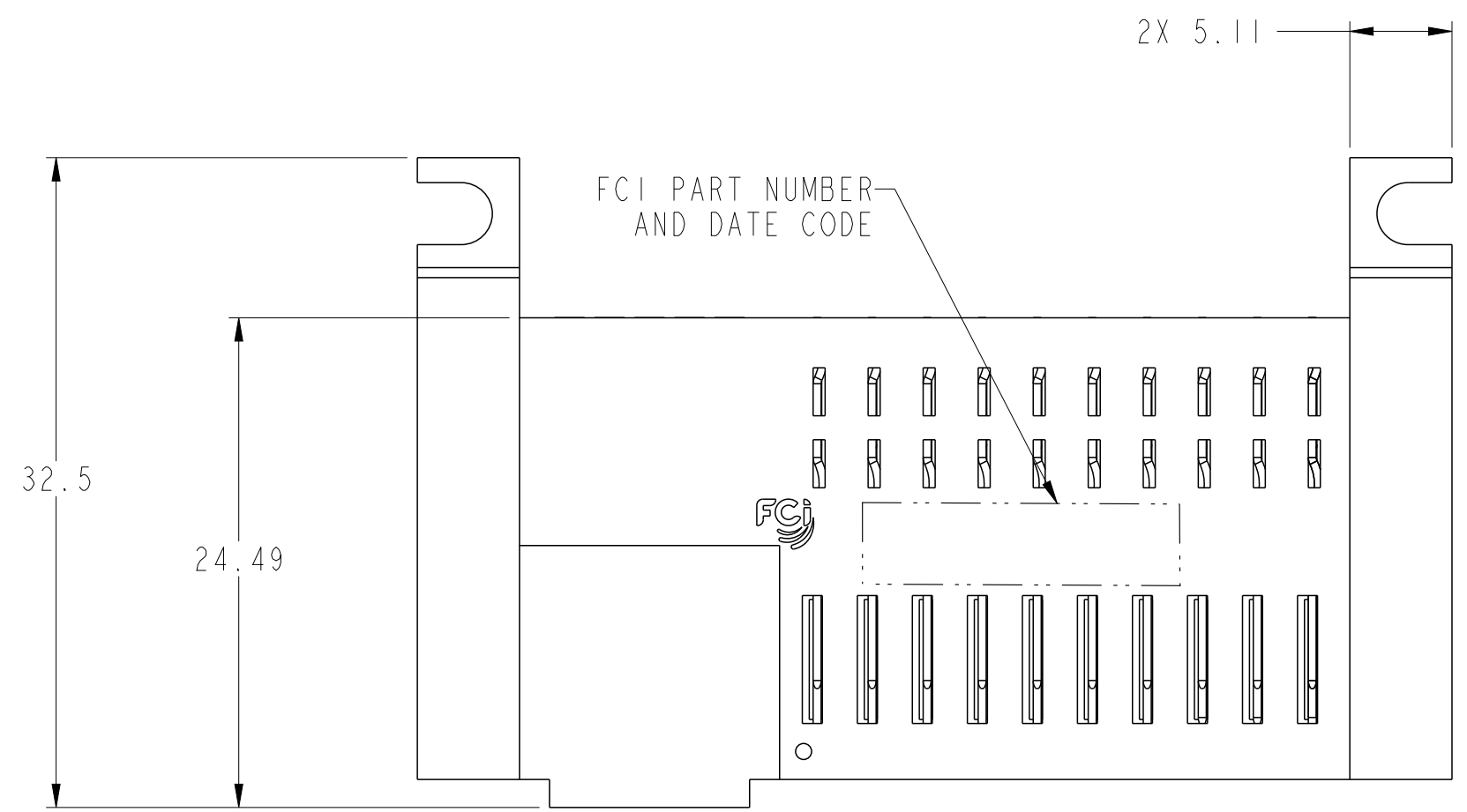
NOTES:

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.

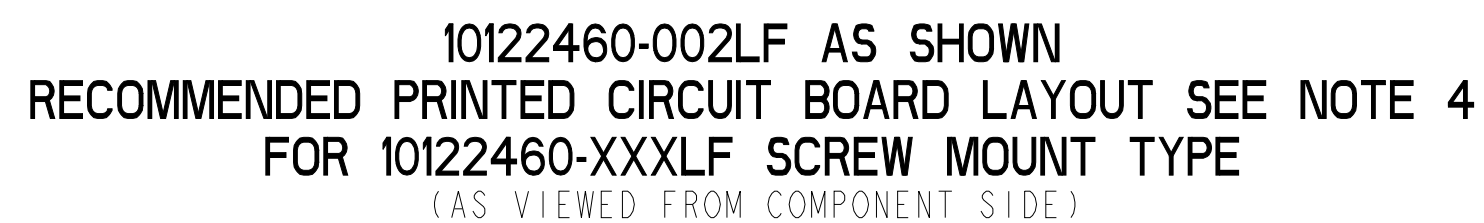
PLATING ON HOLD DOWN IF APPLICABLE: 1.27um MIN Ni, UNDERPLATING ALL
OVER WITH 0.76um MIN MATTE TIN OVER.
3. LUBRICATION: LUBRICATE ON CONTACT AREA.
4. RECOMMENDED PCB THICKNESS IS:
FOR PRESS FIT APPLICATION: 1.4mm MIN
FOR SOLDER APPLICATION: 1.40mm THROUGH 2.62mm.
5. FOR SCREW MOUNT APPLICATIONS, A #4-40 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																							

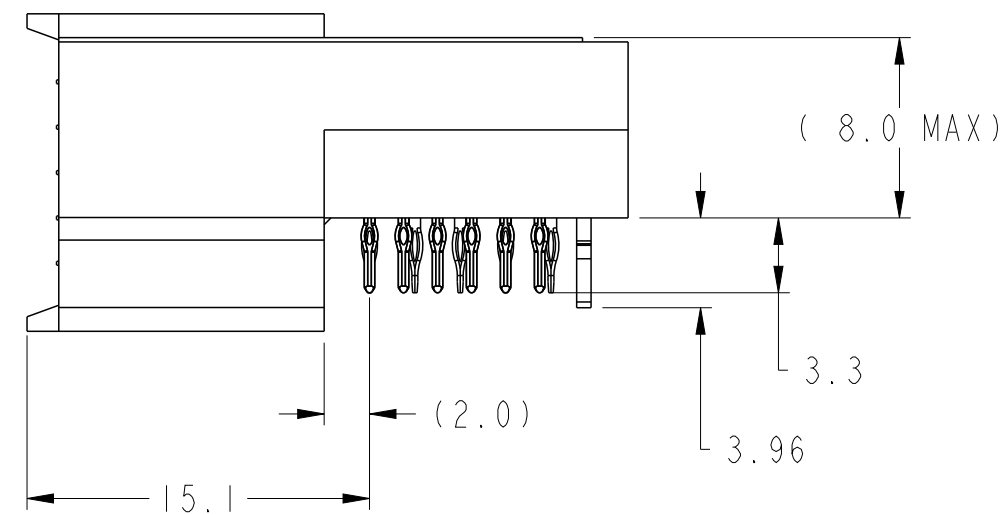
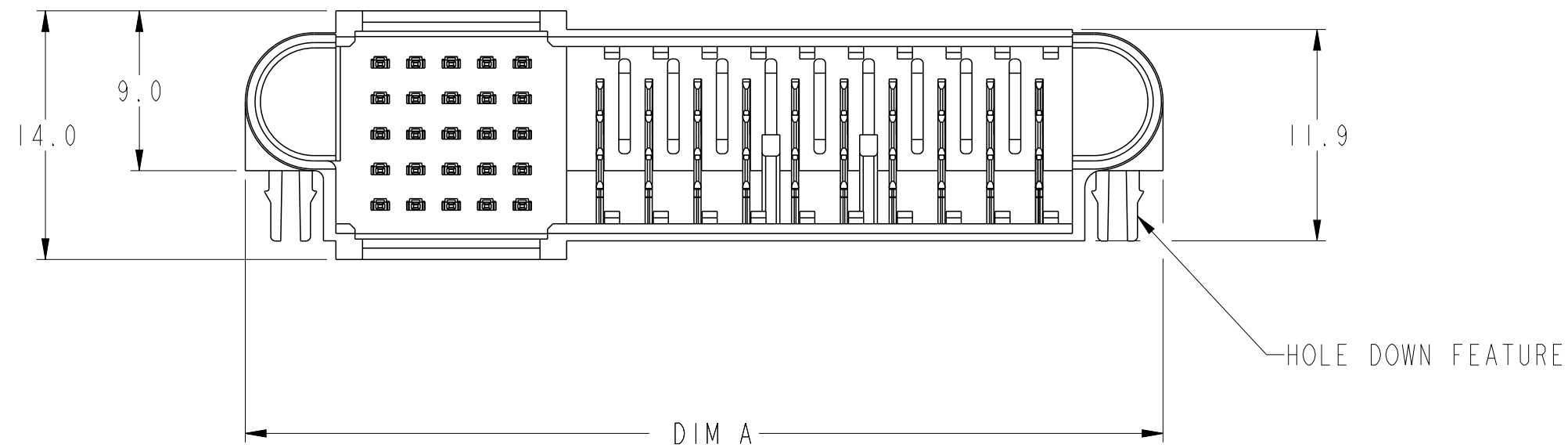
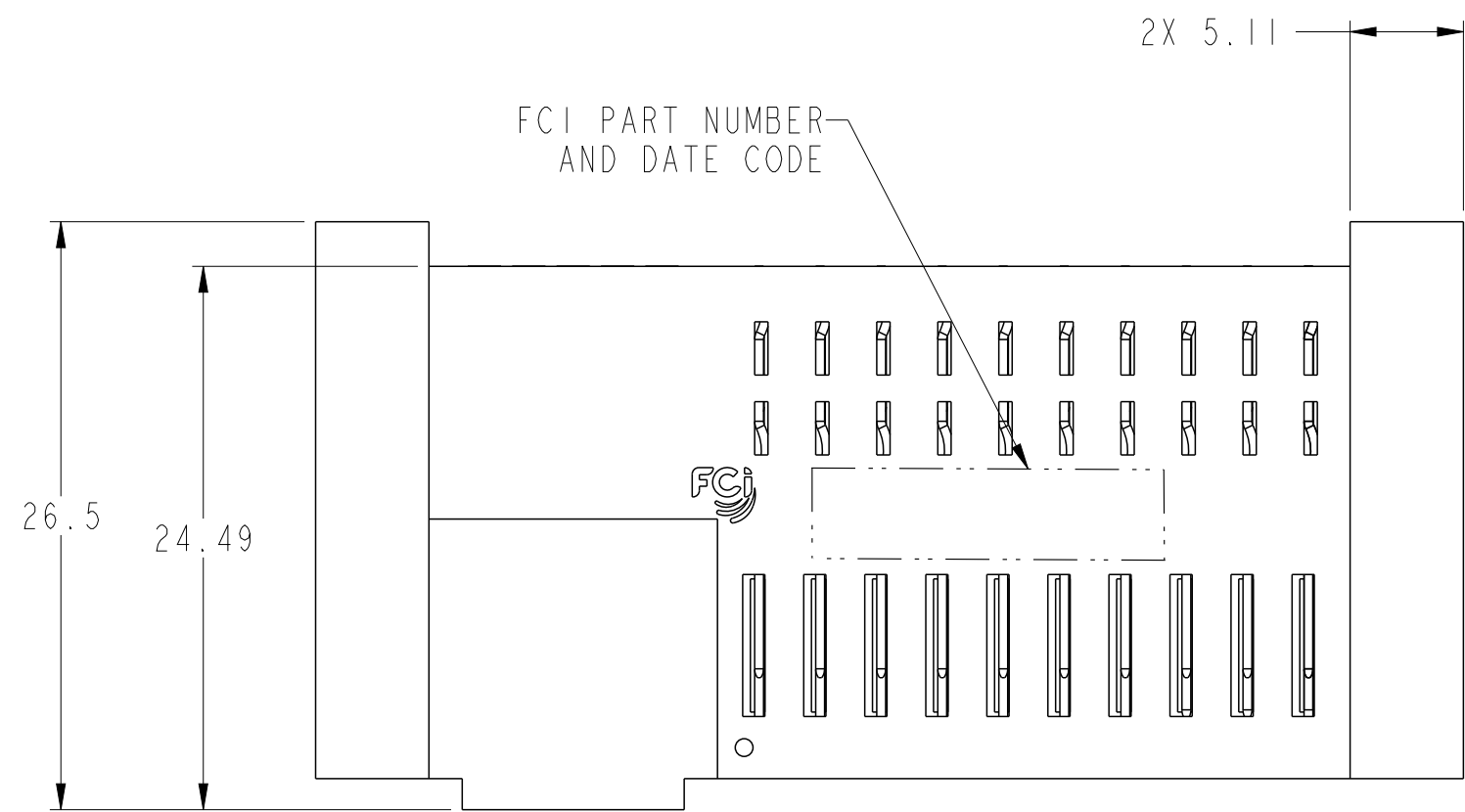


SCREW MOUNT TYPE AS SHOWN

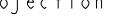
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		De-Ming Lu		2017/05/09				ecn no		ELX-DG-18076-1																							
ISO 406				chr		Fancy Zhang		2017/05/23		rel level		Released																									
ISO 1101				appr		Pei-Ming Zheng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

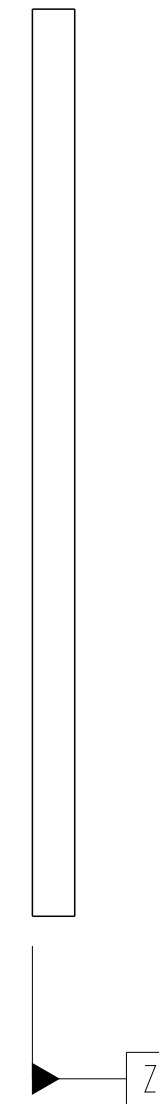


spec ref		SEE NOTE 10		dr		Zhang Hong-Tu		2012/08/13		projection		MM		size		A2		scale		3:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		De-Ming Lu		2017/05/09						ecn no		ELX-DG-18076-1					
ISO 406				chr		Fancy Zhang		2017/05/23						rel level		Released					
ISO 1101				appr		Pei-Ming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

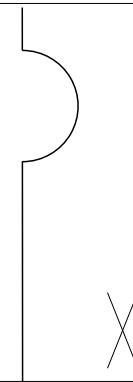


S: Rev :H

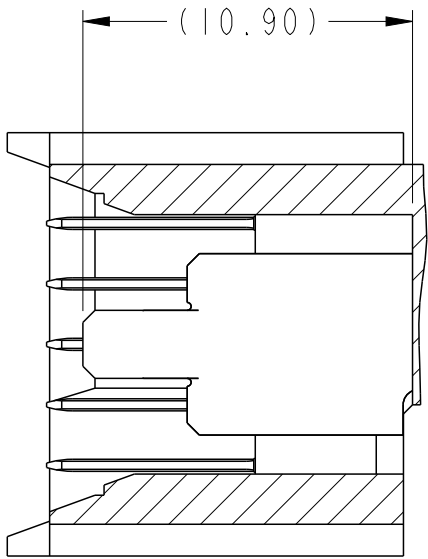
STATUS: Released

Printed: May 26, 2017

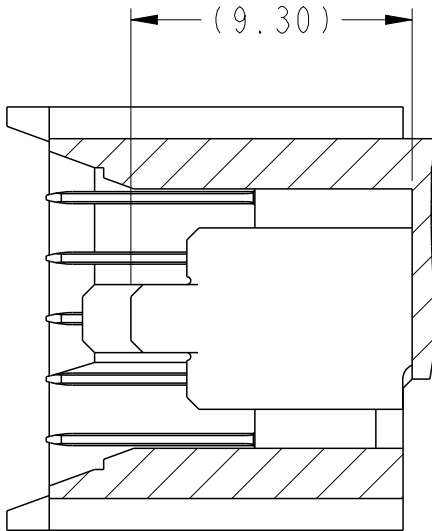
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		De-Ming Lu		2017/05/09				ecn no		ELX-DG-18076-1		rel level		Released		rev			
ISO 406				chr		Fancy Zhang		2017/05/23															
ISO 1101				appr		Pei-Ming Zheng		2017/05/26				product family		PwLoPro									
surface		linear		0.X ±0.30 0.XX ±0.20 0.XXX ±0.10		Amphenol FCi		PWR LoPro HEADER ASSEMBLY		RA, PASSIVE GUIDE,S+P		dwg no		10122460		sheet 5 of 10		H					
																				angular		0° ±2°	
																				ISO 1302			

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)																										

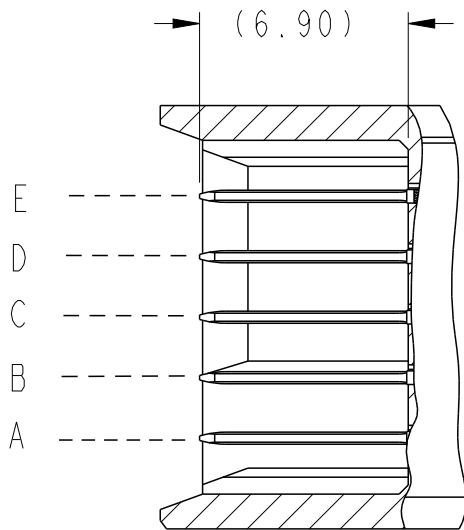
- 1). LOAD WITH CHOICE OF 2 POWER CONTACT MATING LEVELS, SEE SECTIONS KM & KR FOR AVAILABLE LEVEL OPTIONS.
- 2). LOAD WITH CHOICE OF 3 SIGNAL CONTACT MATING LEVELS, SEE SECTIONS KA,KB,&KC FOR AVAILABLE LEVEL OPTIONS.
- 3). MOUNTING FEATURE OPTION "X"
- H : HOLD DOWN TYPE
- S : SCREW MOUNT TYPE
- 4).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



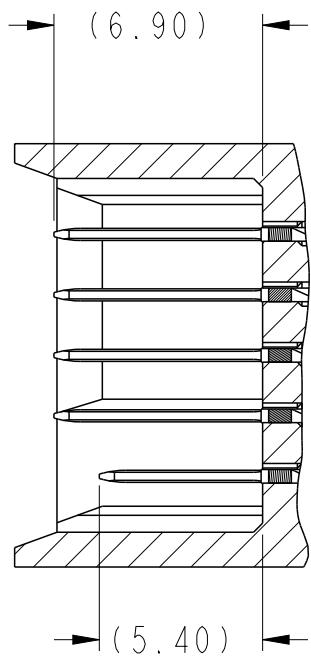
POWER
SECTION KM-KM
LEVEL 1:
LONGEST MATING
CONTACTS



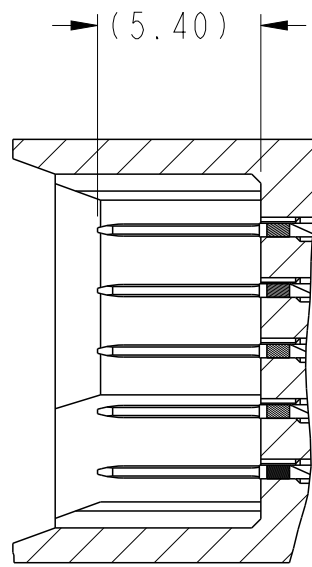
POWER
SECTION KR-KR
LEVEL 2:
SHORTEST MATING
CONTACTS



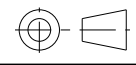
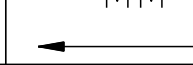
SIGNAL
SECTION KA-KA
LEVEL 2:
ALL LONGEST
CONTACTS



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			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 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 7 of 10		

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[10122460-005LF](#) [10122460-001LF](#) [10122460-011LF](#) [10122460-013LF](#)