

A

B

C

D

E

F

A

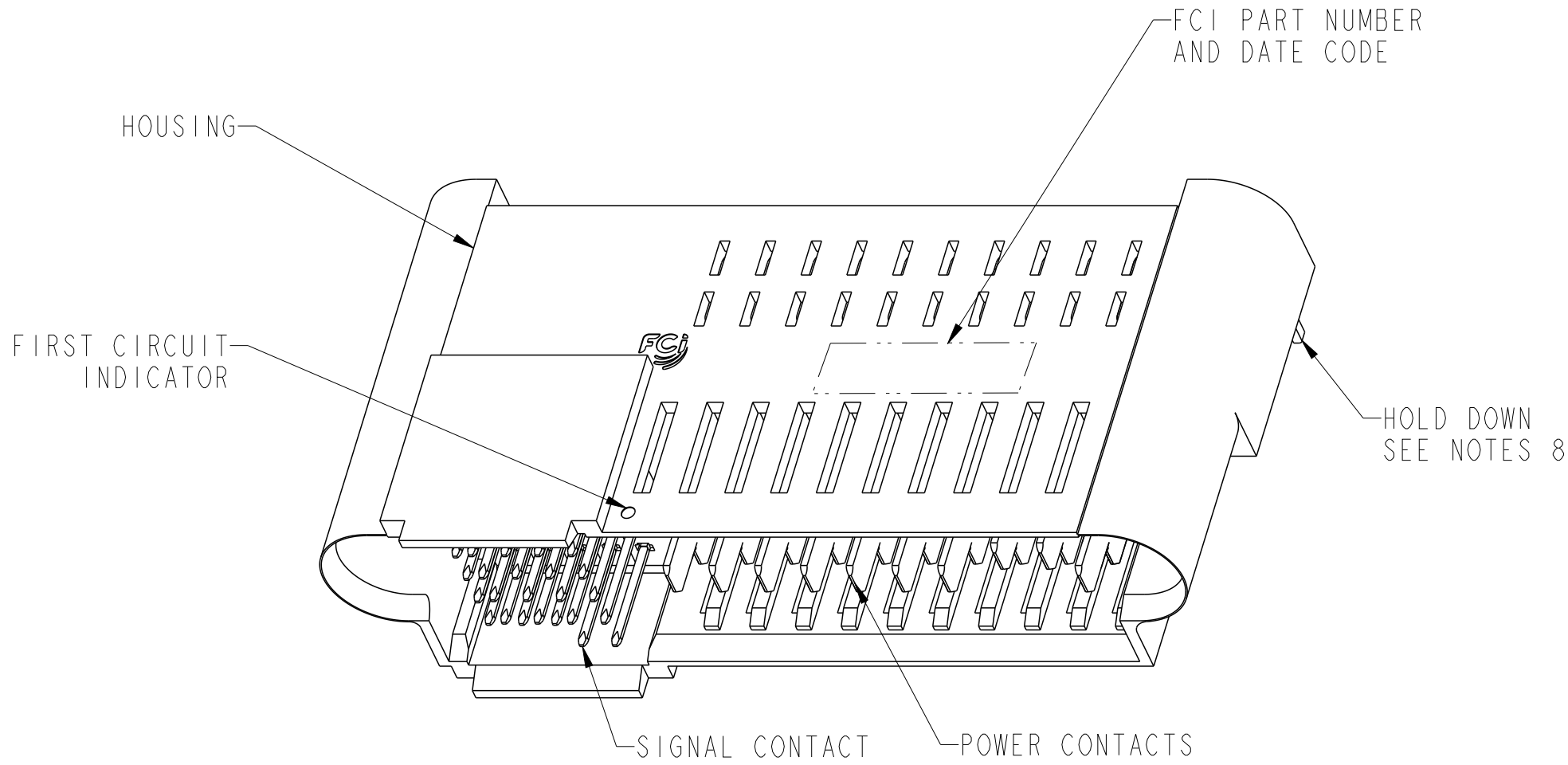
B

C

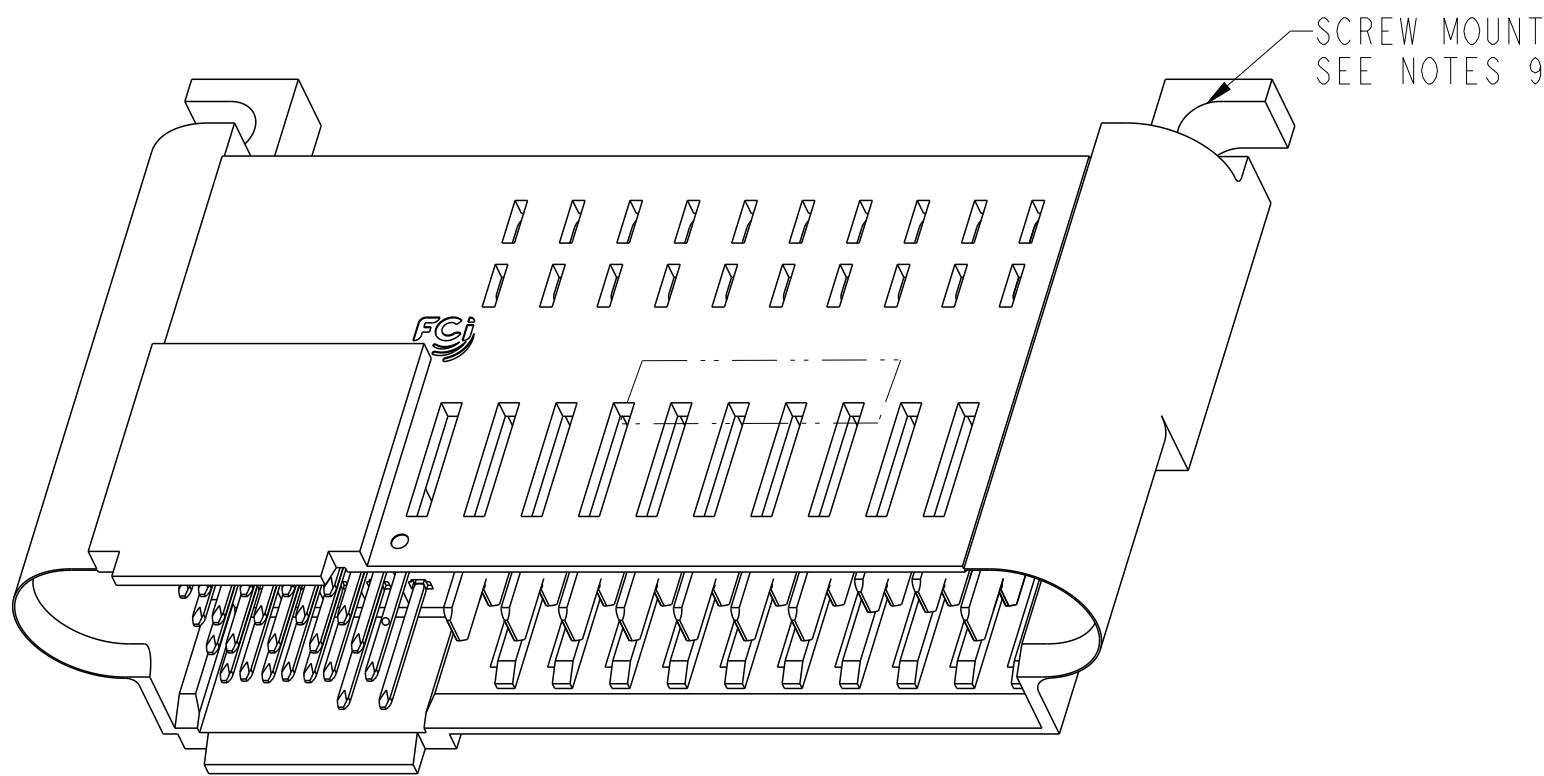
D

E

F



25Sx10P CONFIGURATION SHOWN
HOLD DOWN TYPE



25Sx10P CONFIGURATION SHOWN
SCREW MOUNT TYPE

NOTES:

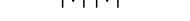
1. HOUSING MATERIAL:GF LCP,COLOR: BLACK, UL 94 V-0 RATED
SIGNAL CONTACT MATERIAL: PHOSPHOR BRONZE
SIGNAL PIN OVERMOLD MATERIAL: GF POLYESTER
POWER CONTACT MATERIAL: COPPER ALLOY
2. PLATING ON SIGNAL CONTACTS: 1.27µm MIN Ni UNDERPLATING ALL OVER
WITH 0.76µm MIN GXT IN CONTACT MATING AREA, AND
0.5µm MIN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

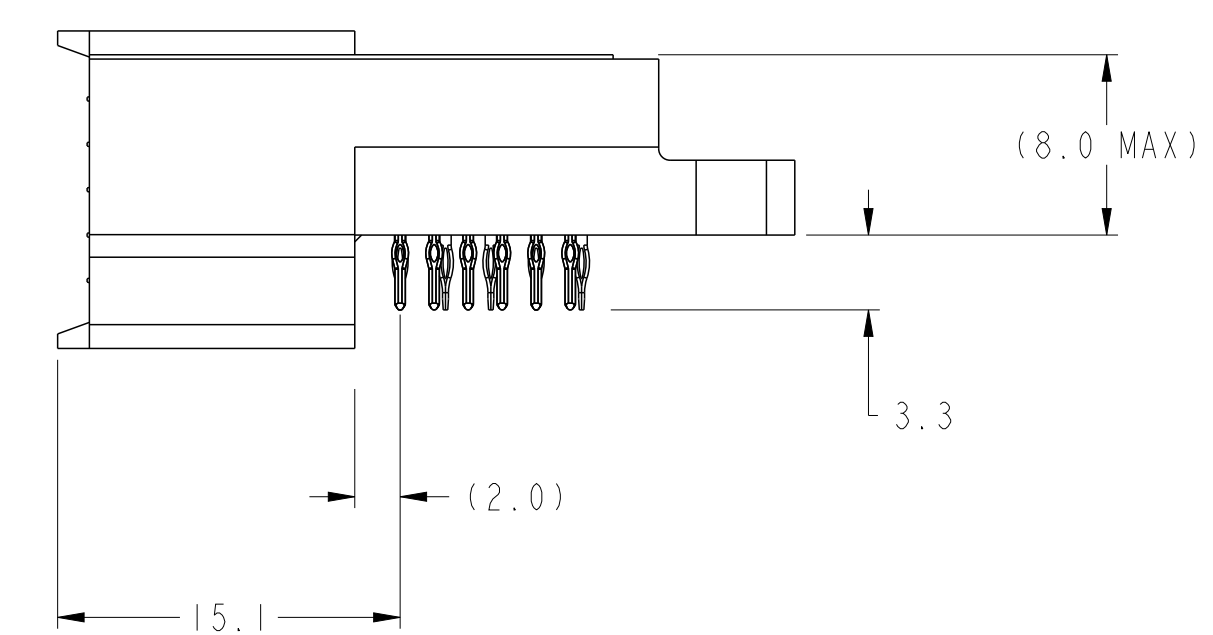
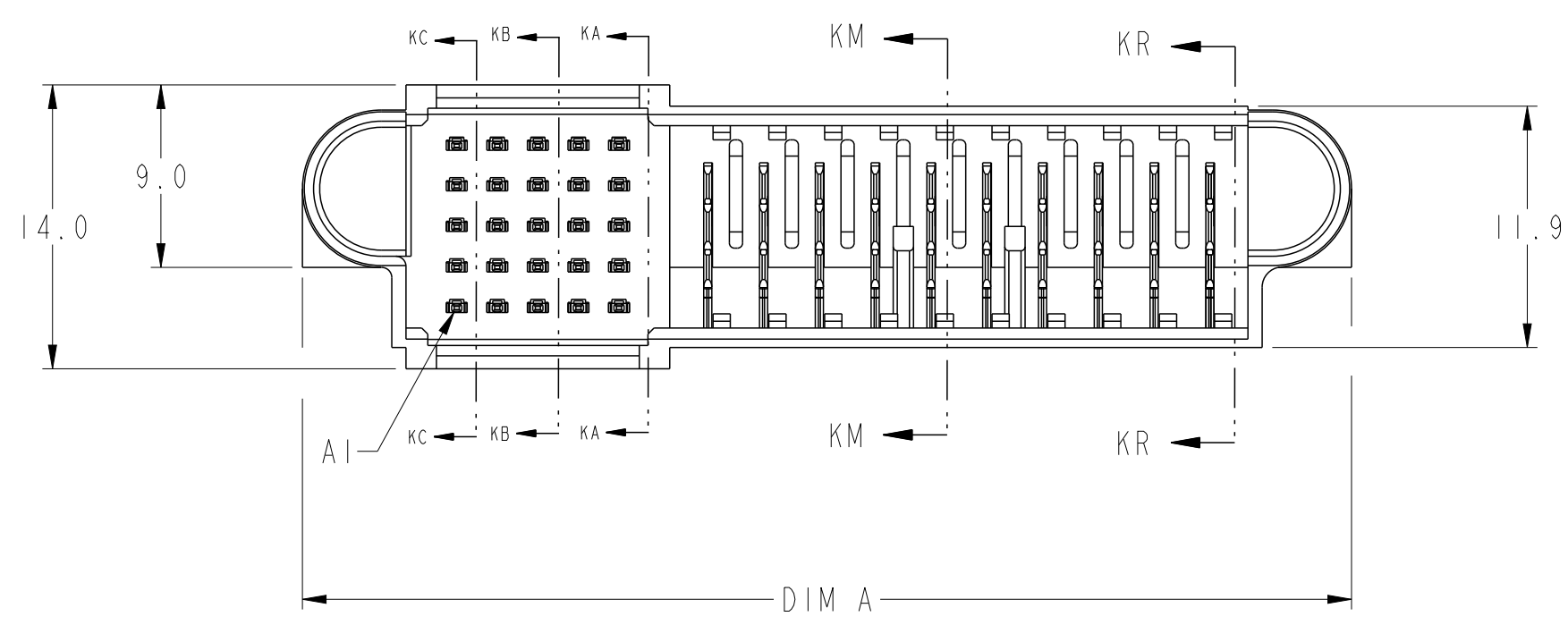
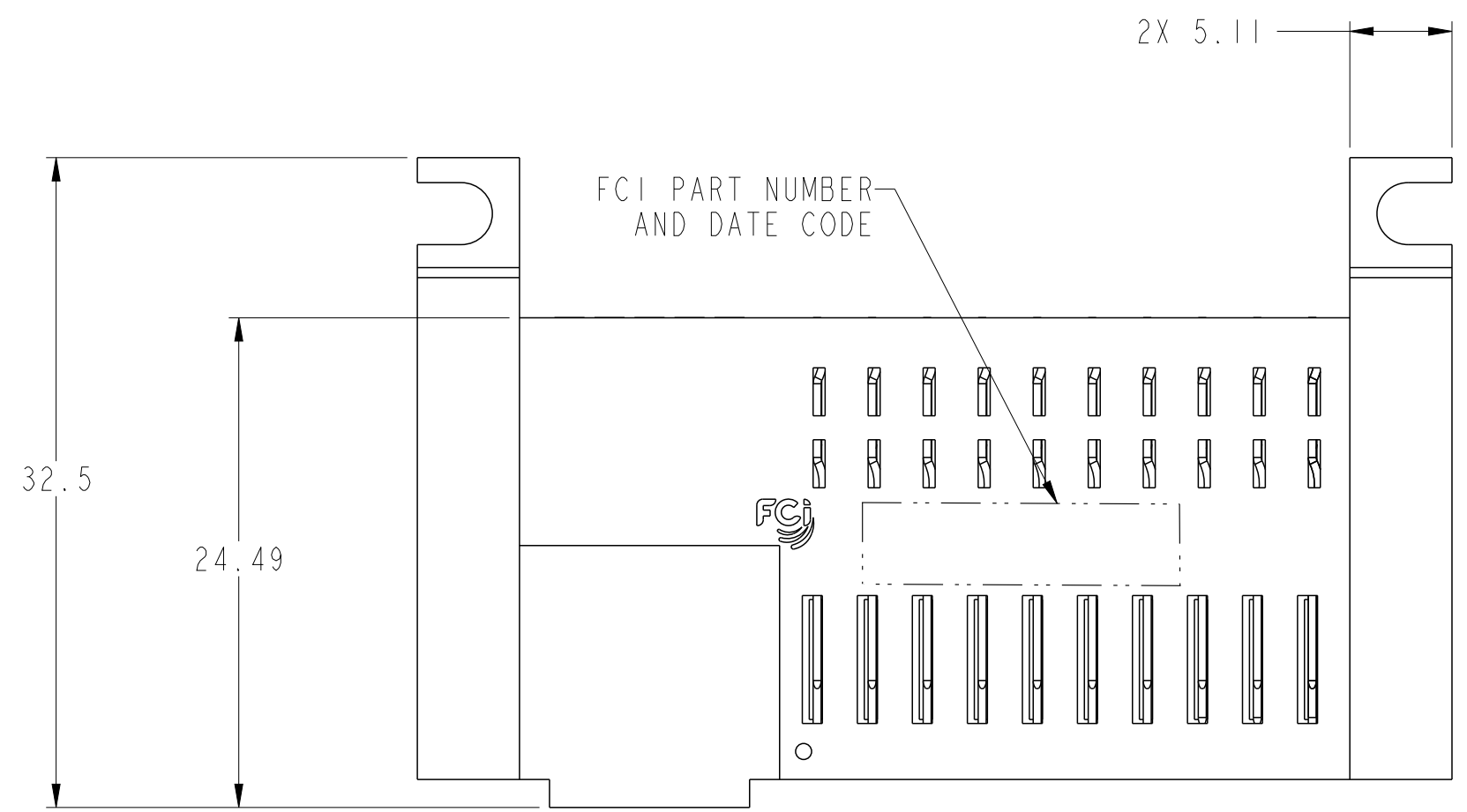
PLATING ON POWER CONTACTS: 1.27µm MIN Ni UNDERPLATING ALL OVER
WITH 0.76µm MIN GXT IN CONTACT MATING AREA, AND
0.5µm MIN MATTE TIN ON TAIL AREA.

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

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								
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

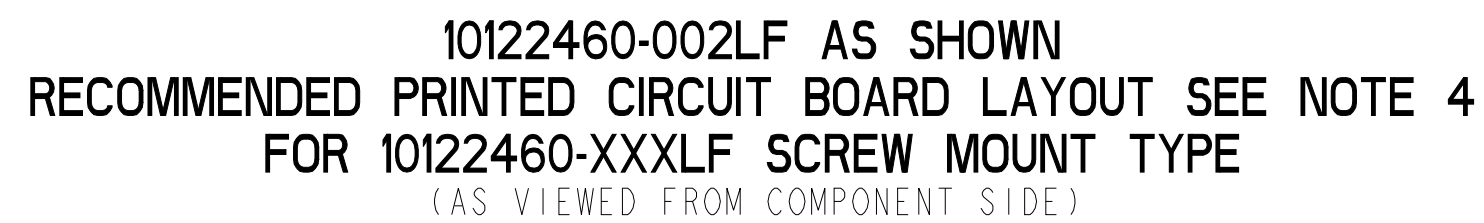


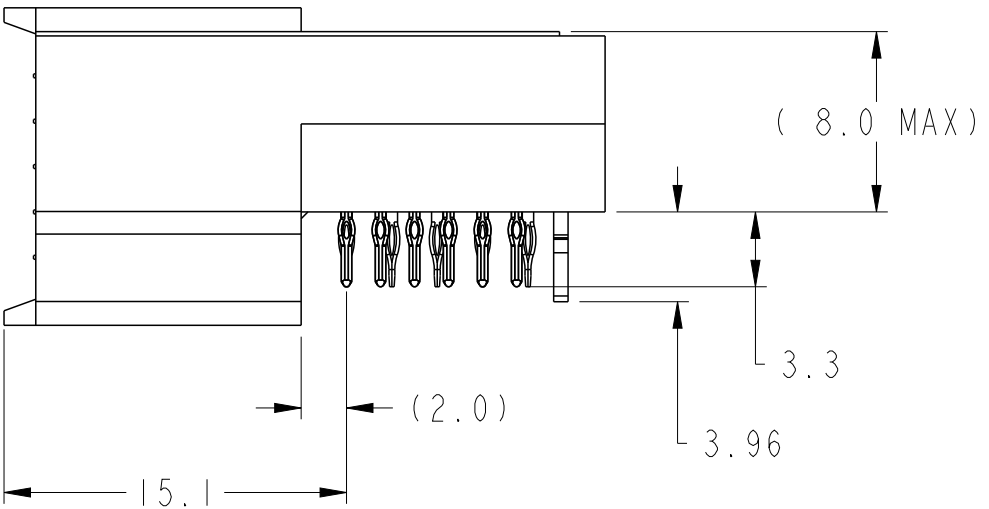
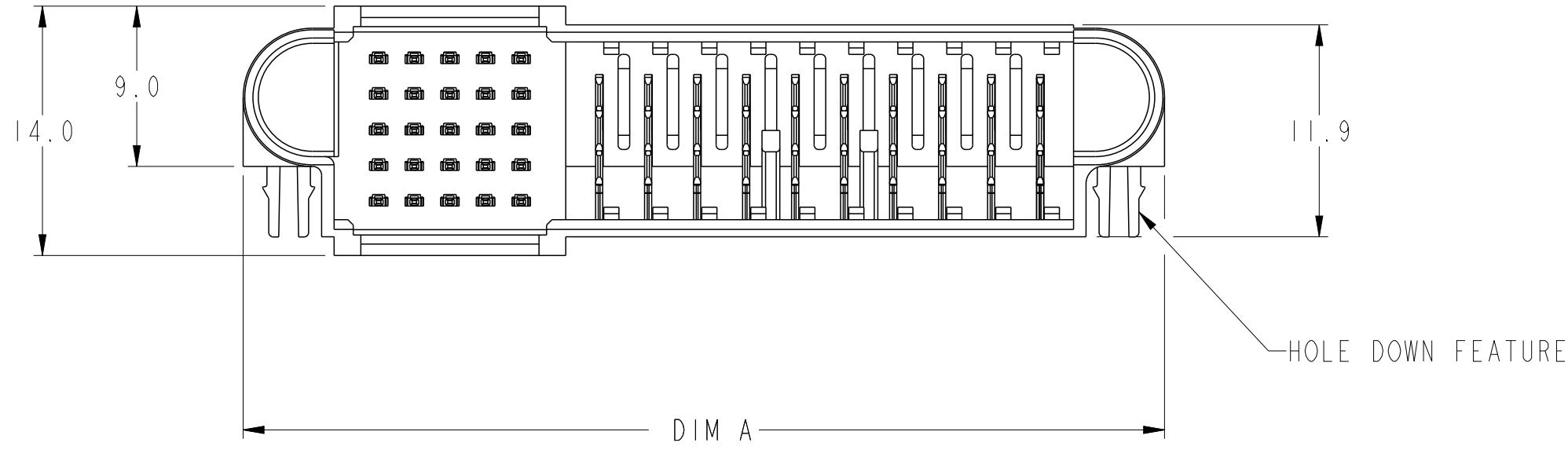
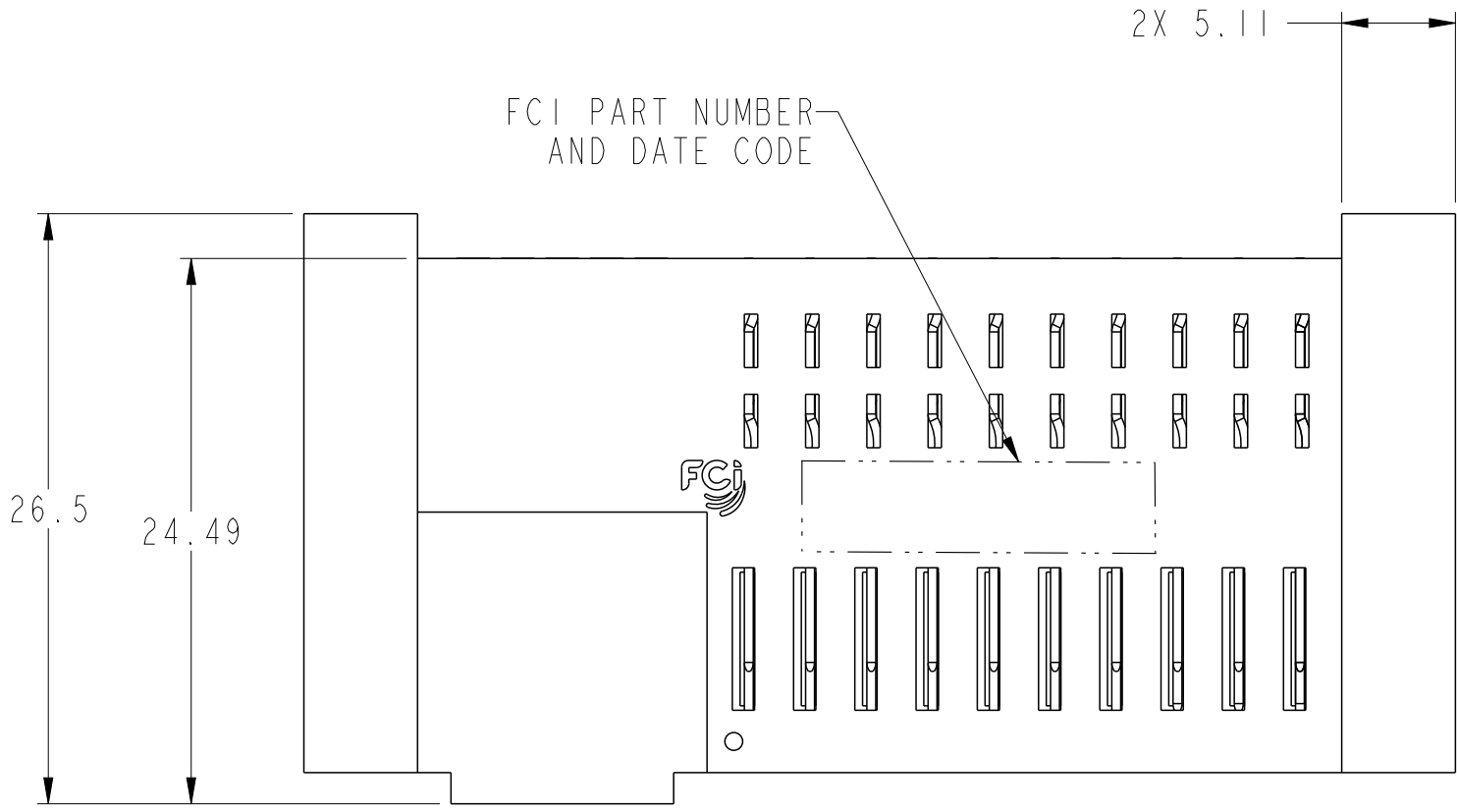
SCREW MOUNT TYPE AS SHOWN

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 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 angular	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							
				cat. no.	-	Product - Customer Drw			sheet 2 of 10		

Amphenol FCI

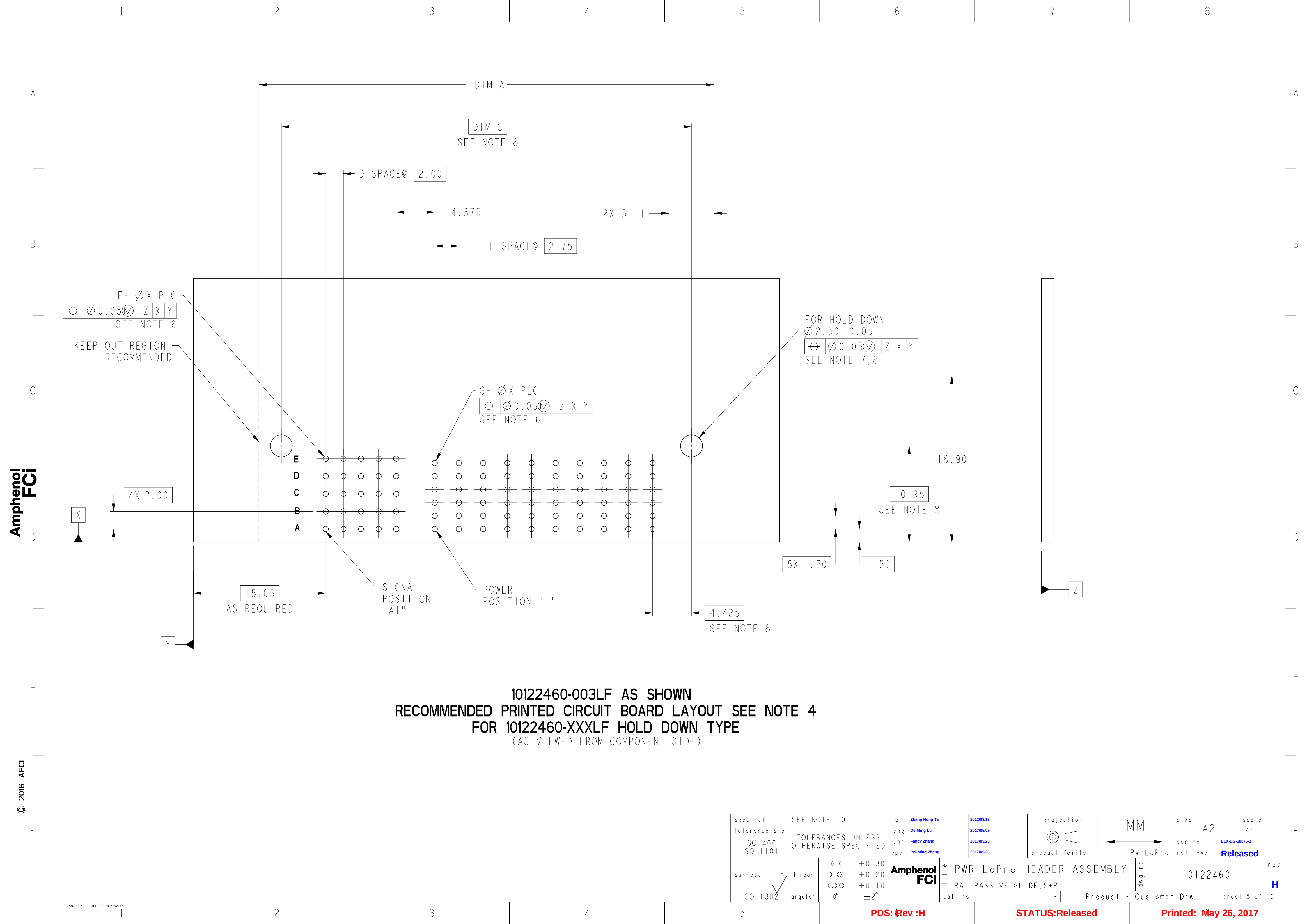
© 2016 APCI

Printed: May 26, 2017

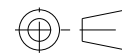


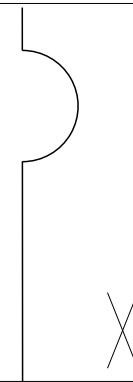
HOLE DOWN TYPE AS SHOWN

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																																							
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		0.XX				±0.20																																											
		0.XXX				±0.10																																											
		angular		0°		±2°						cat. no.		-		Product - Customer Drw										sheet 4 of 10																							

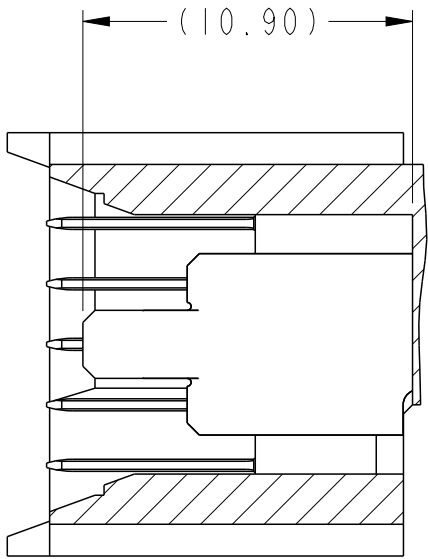


10122460-003LF AS SHOWN
RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT SEE NOTE 4
FOR 10122460-XXXLF HOLD DOWN TYPE
(AS VIEWED FROM COMPONENT SIDE)

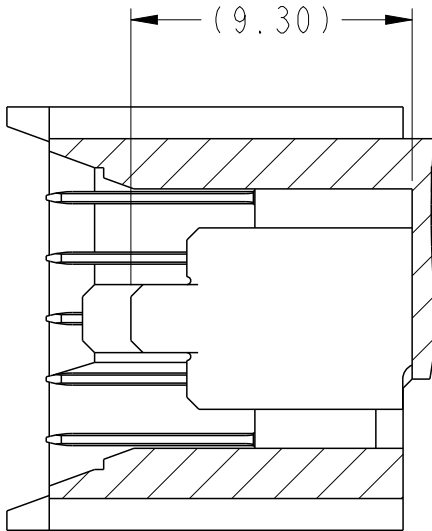
spec ref		SEE NOTE 10			dr		Zhang Hong-Tu		2012/08/13		projection		MM		size		A2		scale		4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		De-Ming Lu		2017/05/09						ecn no		ELX-DG-18076-1					
ISO 406					chr		Fancy Zhang		2017/05/23						product family		PwrLoPro		rel level		Released	
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 5 of 10						

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)																										

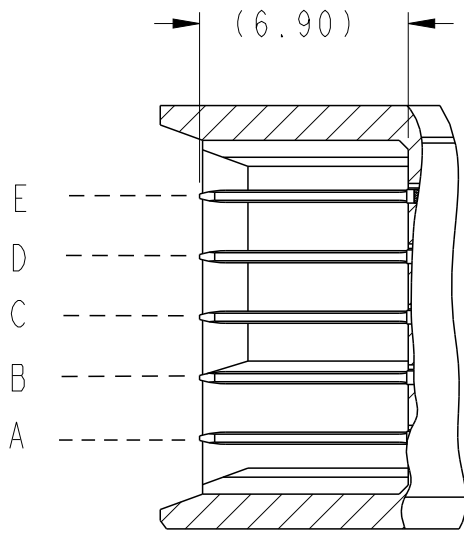
- 1). LOAD WITH CHOICE OF 2 POWER CONTACT MATING LEVELS, SEE SECTIONS KM & KR FOR AVAILABLE LEVEL OPTIONS.
- 2). LOAD WITH CHOICE OF 3 SIGNAL CONTACT MATING LEVELS, SEE SECTIONS KA,KB,&KC FOR AVAILABLE LEVEL OPTIONS.
- 3). MOUNTING FEATURE OPTION "X"
- H : HOLD DOWN TYPE
- S : SCREW MOUNT TYPE
- 4).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



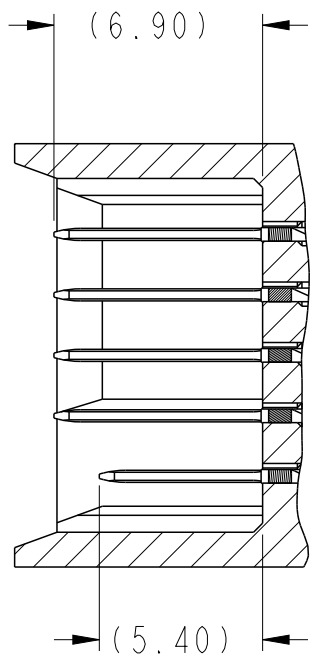
POWER
SECTION KM-KM
LEVEL 1:
LONGEST MATING
CONTACTS



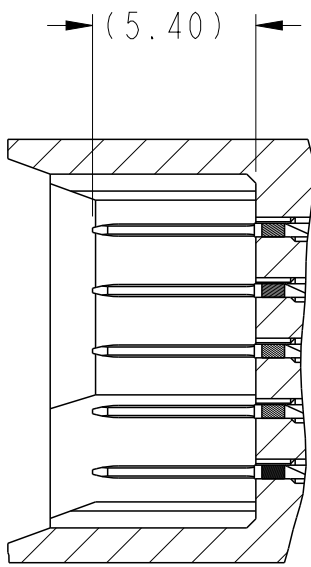
POWER
SECTION KR-KR
LEVEL 2:
SHORTEST MATING
CONTACTS



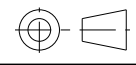
SIGNAL
SECTION KA-KA
LEVEL 2:
ALL LONGEST
CONTACTS



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						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°																		
				0.XXX		±0.10																		

