

A

B

C

D

E

F

A

B

C

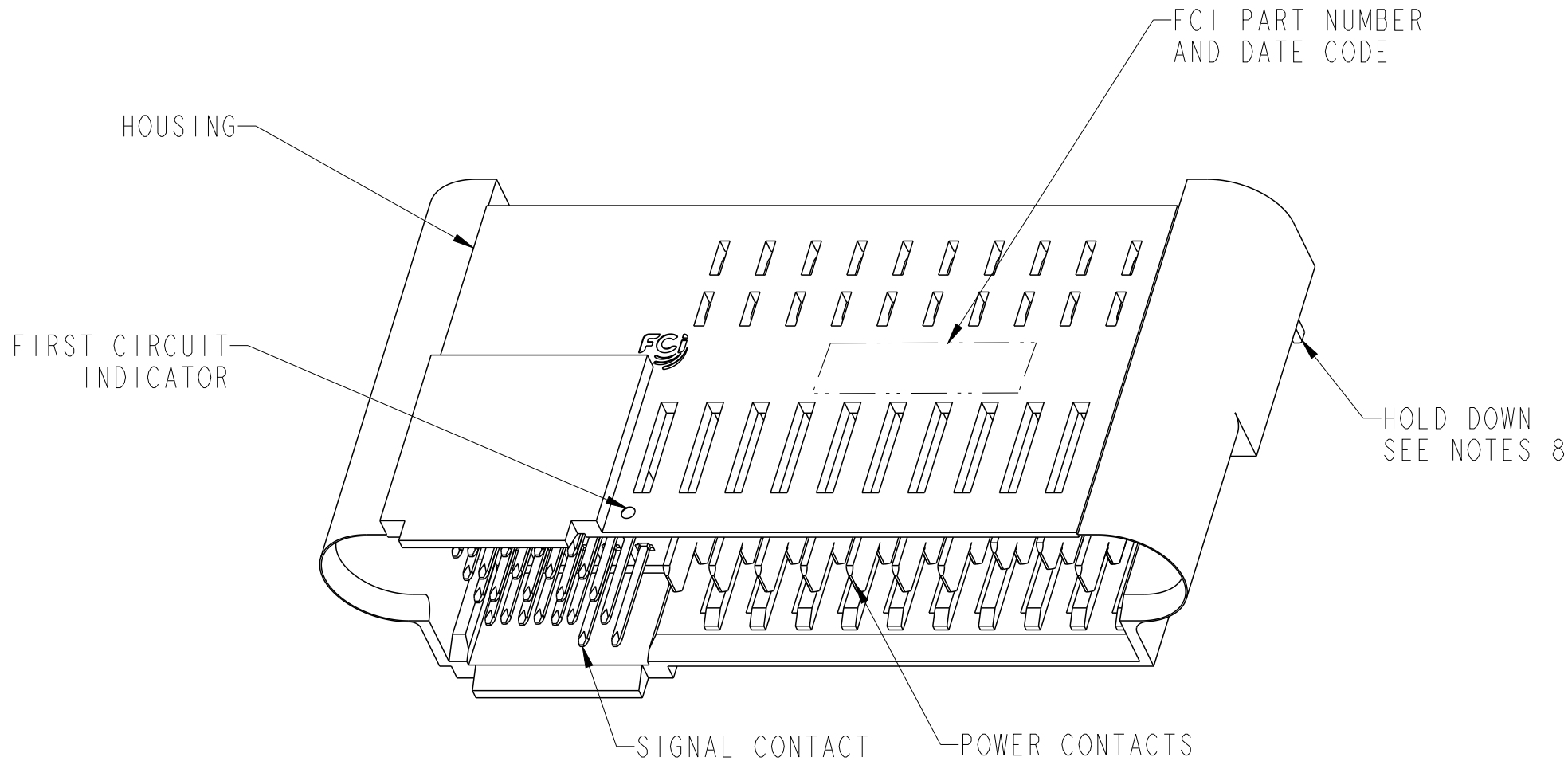
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E

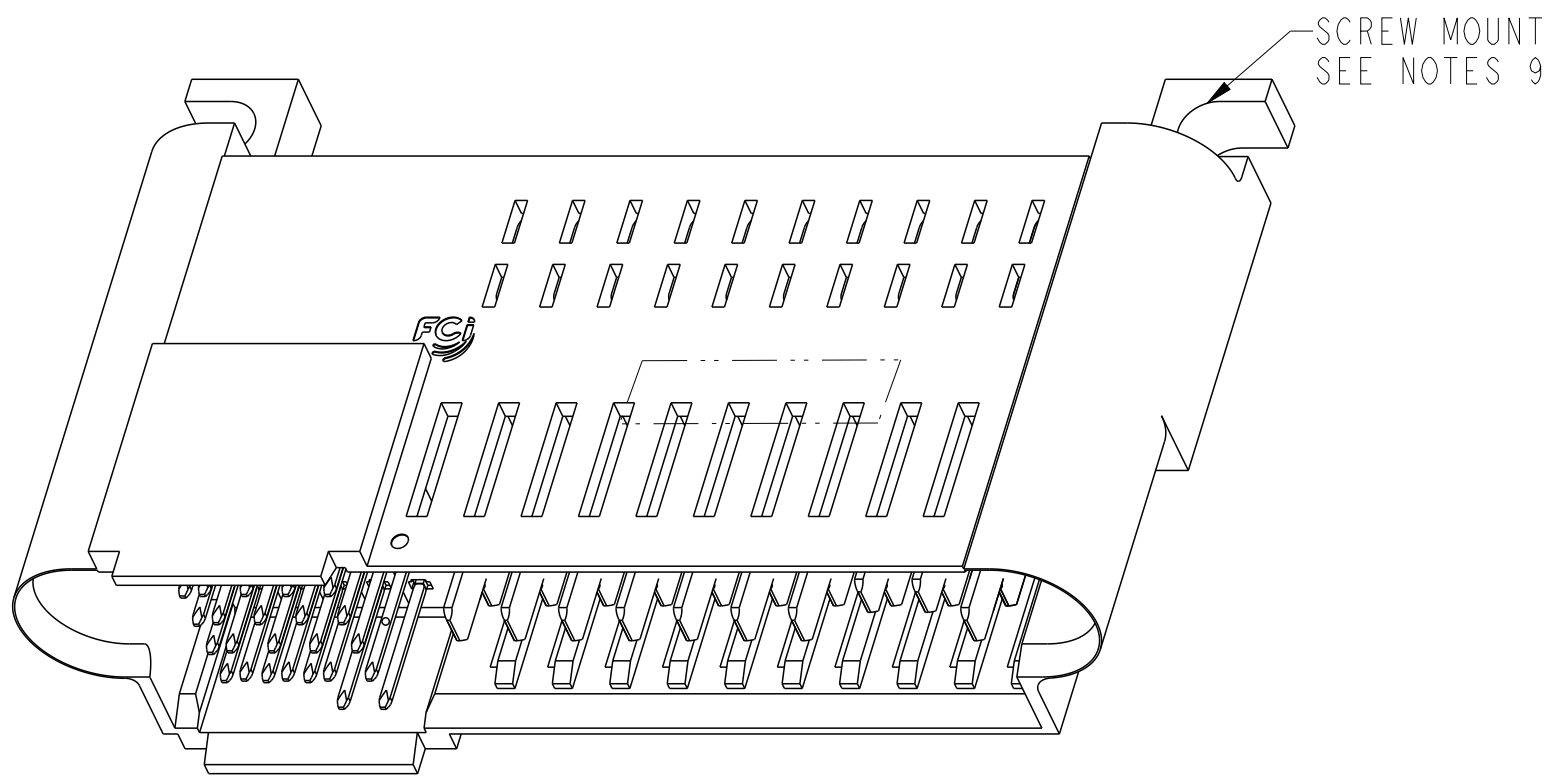
F

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25Sx10P CONFIGURATION SHOWN
HOLD DOWN TYPE



25Sx10P CONFIGURATION SHOWN
SCREW MOUNT TYPE

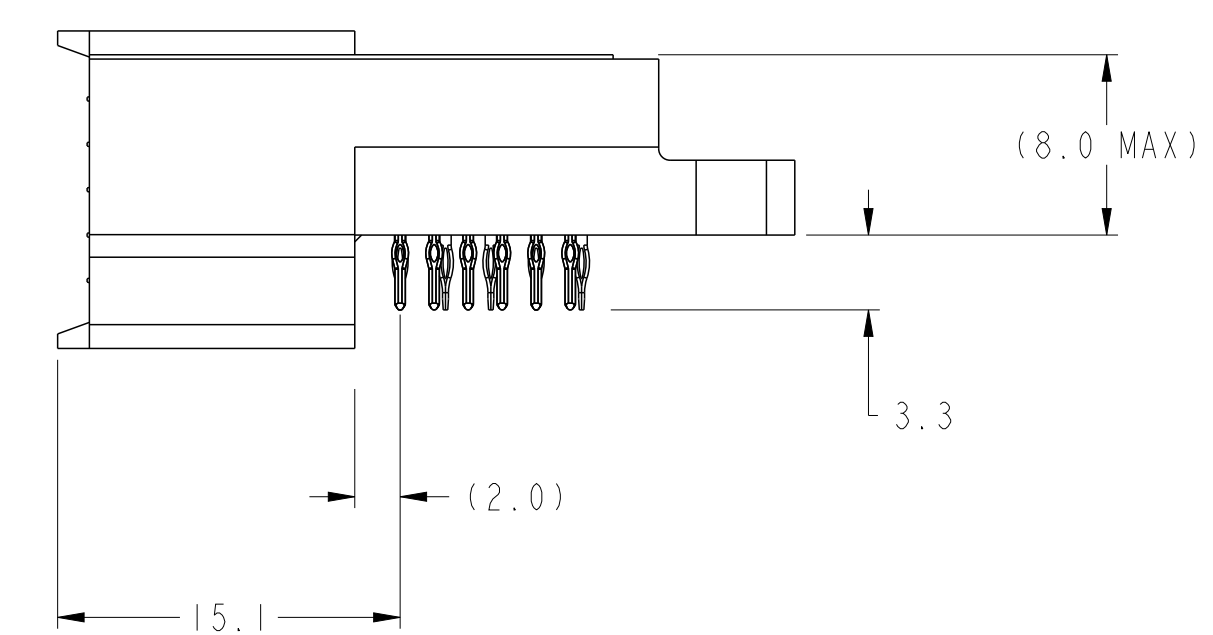
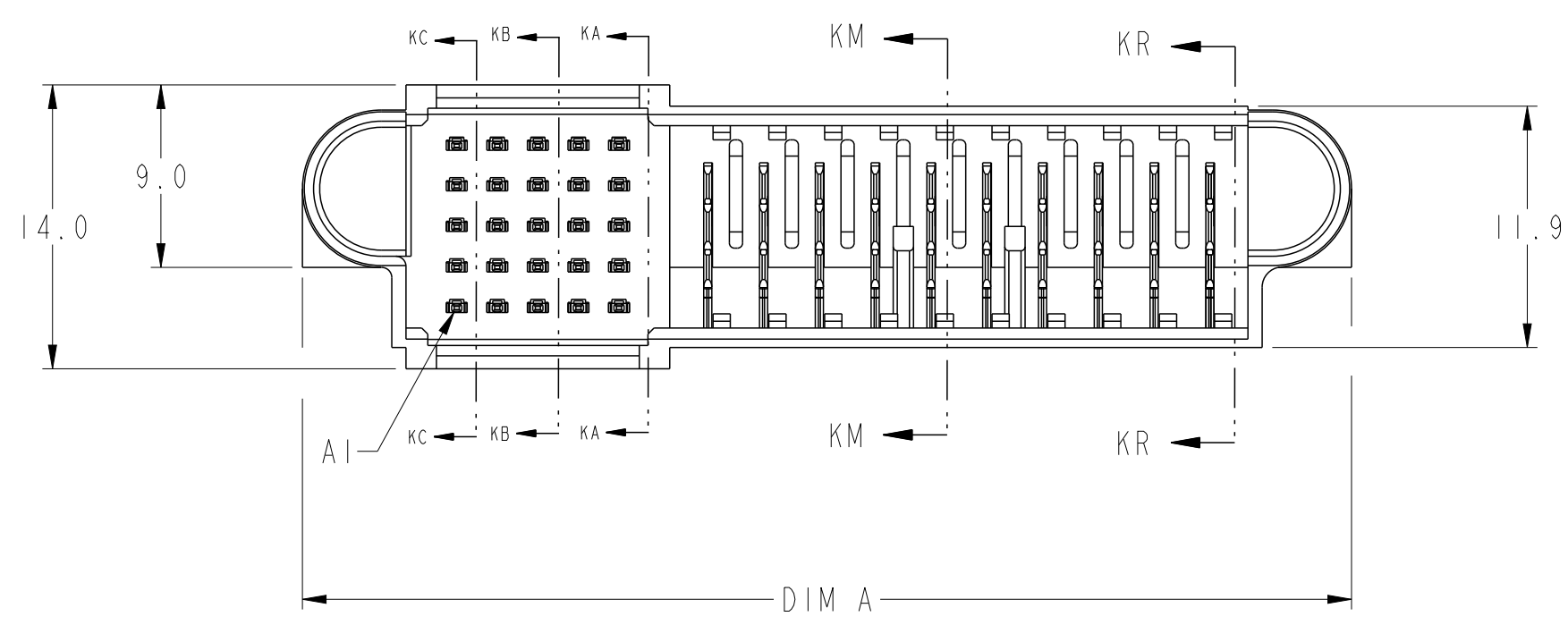
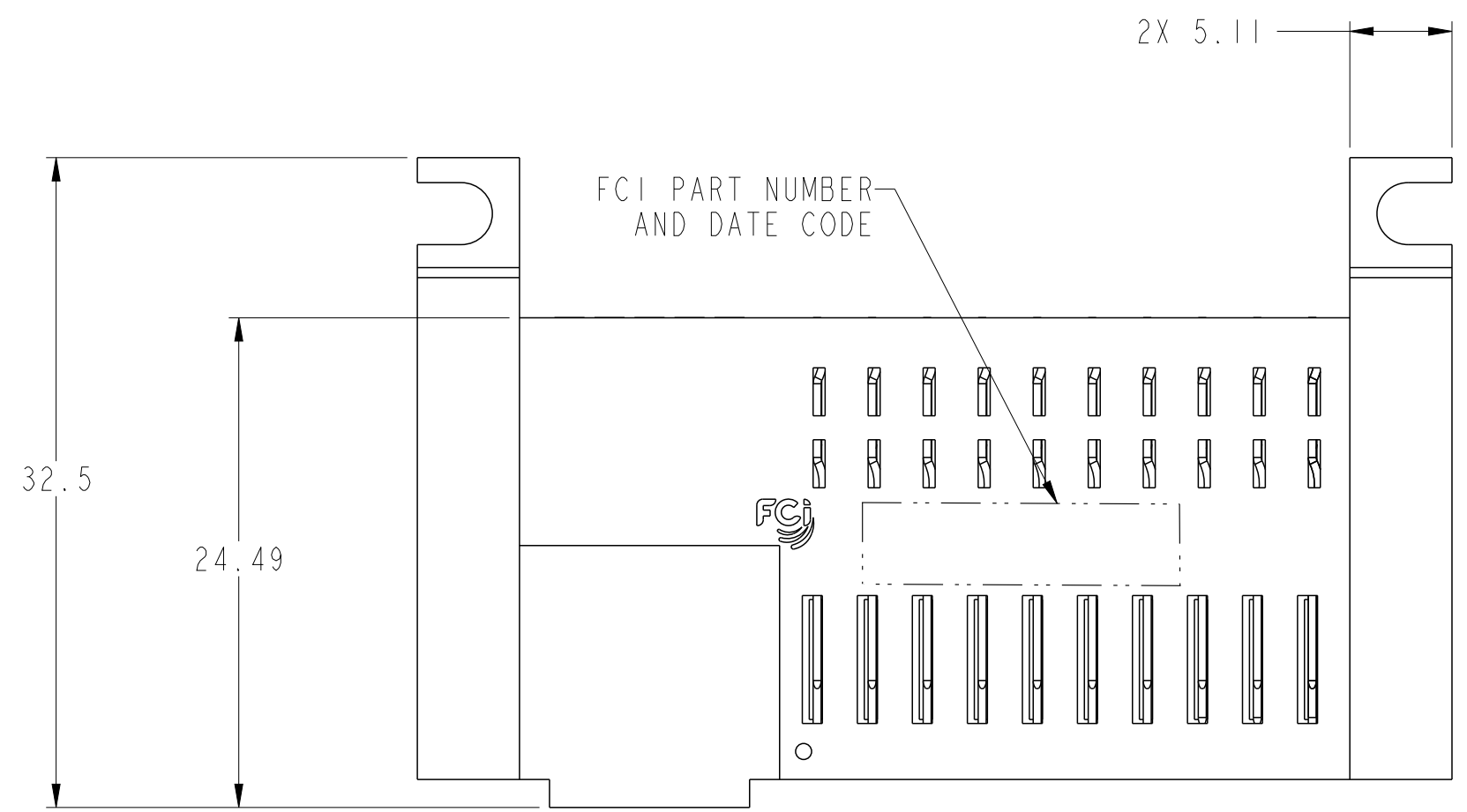
NOTES:

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.

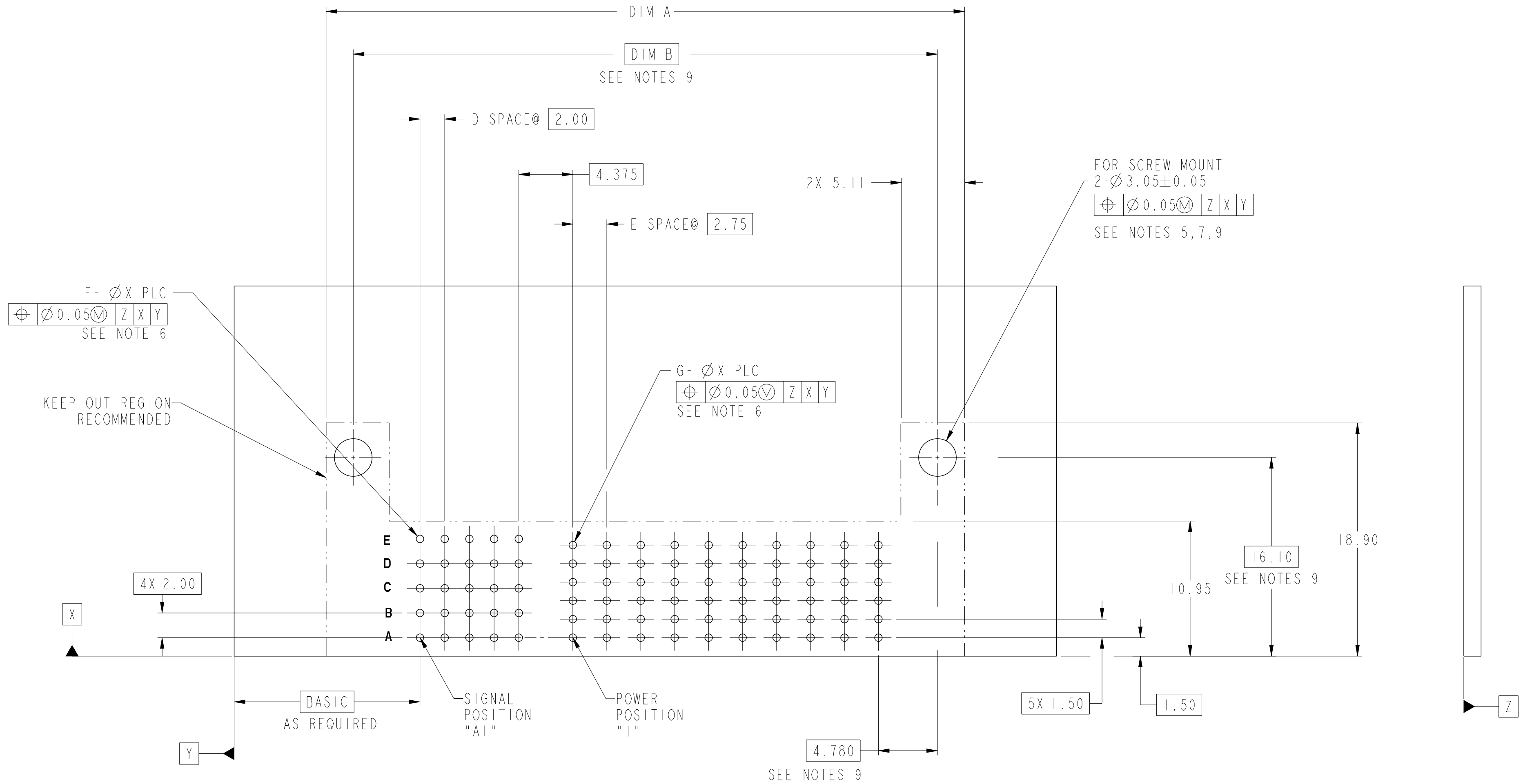
PLATING ON HOLD DOWN IF APPLICABLE: 1.27um MIN Ni, UNDERPLATING ALL
OVER WITH 0.76um MIN MATTE TIN OVER.
3. LUBRICATION: LUBRICATE ON CONTACT AREA.
4. RECOMMENDED PCB THICKNESS IS:
FOR PRESS FIT APPLICATION: 1.4mm MIN
FOR SOLDER APPLICATION: 1.40mm THROUGH 2.62mm.
5. FOR SCREW MOUNT APPLICATIONS, A #4-40 UNC PAN SCREW WITH HEX
NUT IS RECOMMENDED (SUPPLIED BY CUSTOMER).
6. FOR PRESS FIT $\varnothing 0.61\pm 0.05\text{mm}$, 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

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	
ISO 1302				0.XX		±0.20																											
				0.XXX		±0.10																											
angular		0°		±2°		cat. no.						-		Product - Customer Drw										sheet 1 of 10									



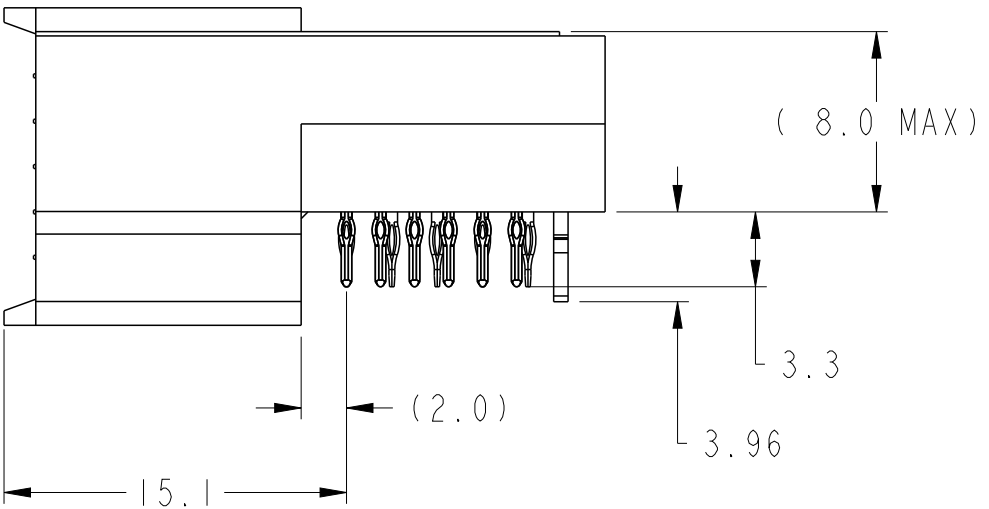
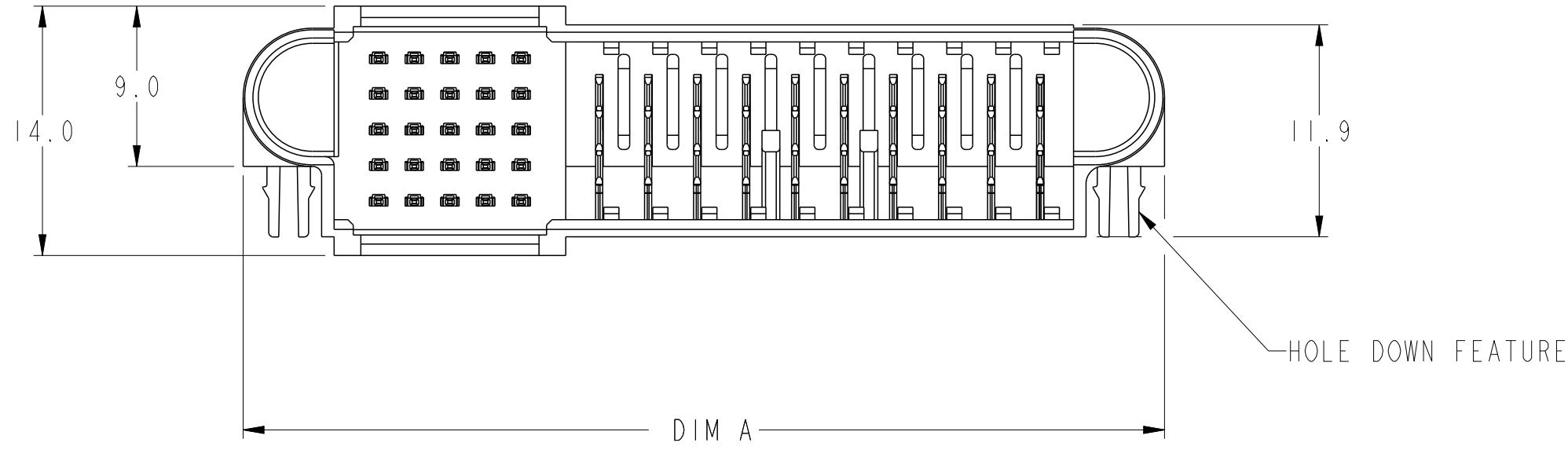
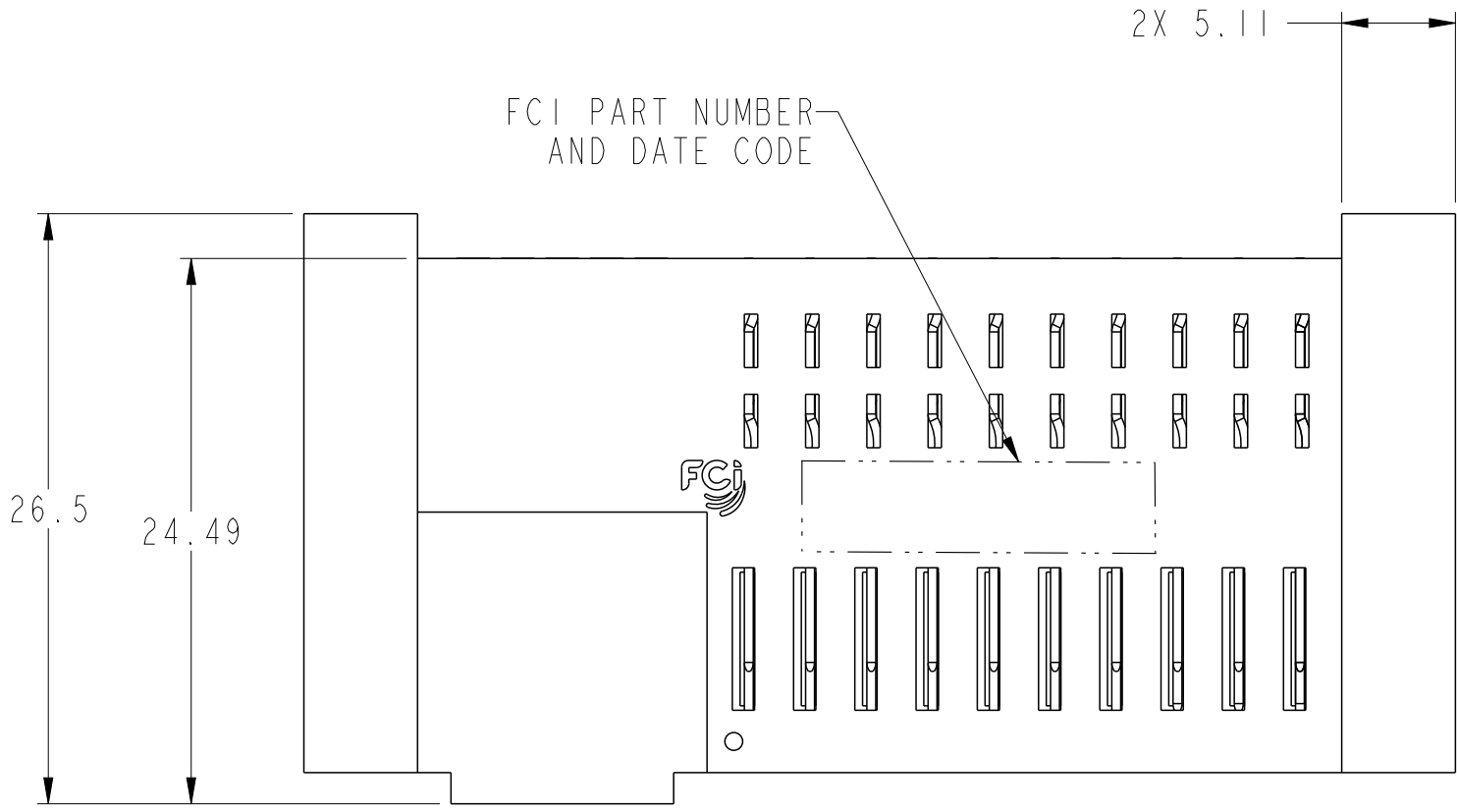
SCREW MOUNT TYPE AS SHOWN

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						
				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 2 of 10	



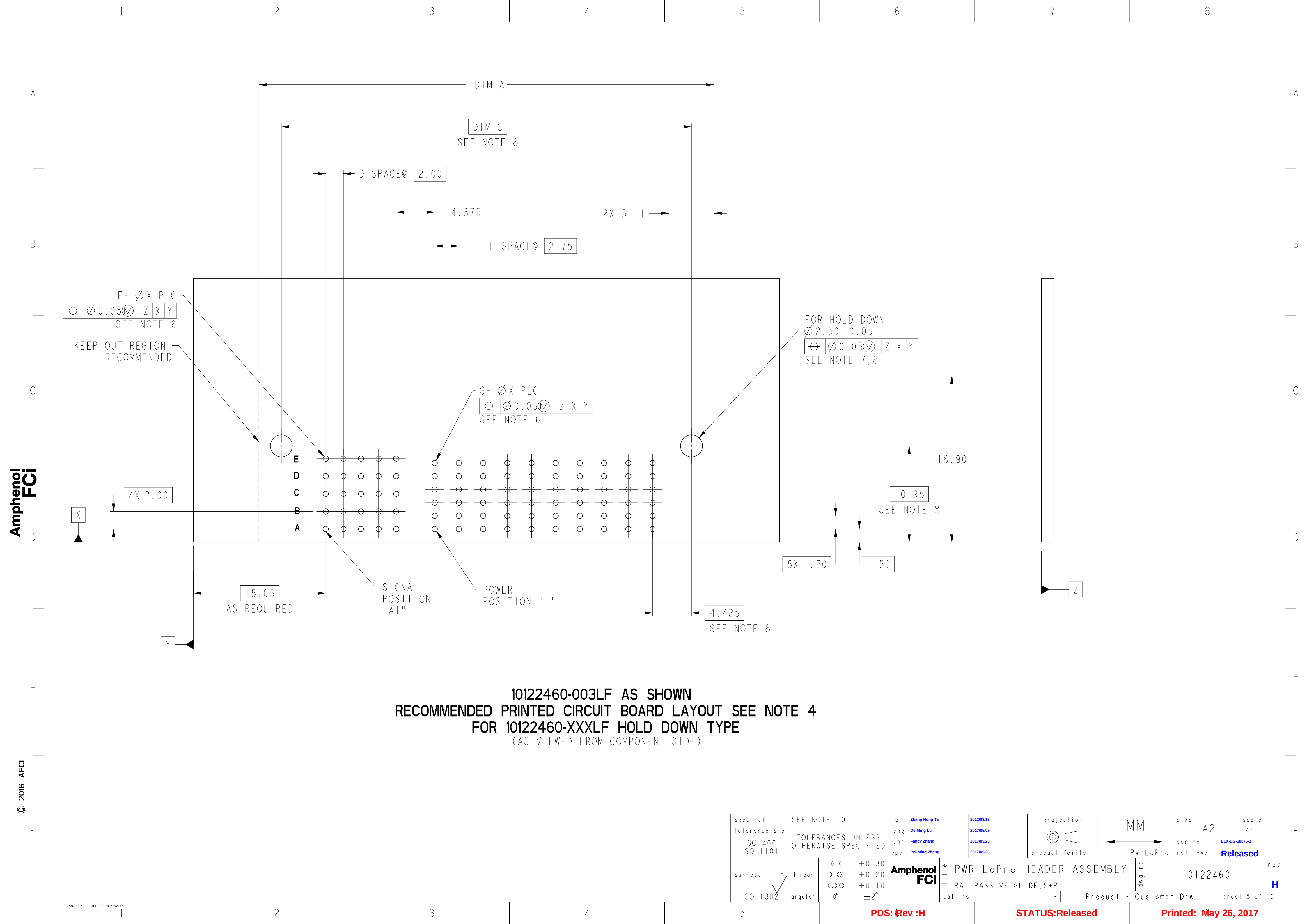
10122460-002LF AS SHOWN
RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT SEE NOTE 4
FOR 10122460-XXXLF SCREW MOUNT TYPE
(AS VIEWED FROM COMPONENT SIDE)

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



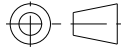
10122460-003LF AS SHOWN
RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT SEE NOTE 4
FOR 10122460-XXXLF HOLD DOWN TYPE
(AS VIEWED FROM COMPONENT SIDE)

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					
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 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		dwg no	10122460		rev	H
		0.XX	±0.20									
		0.XXX	±0.10									
ISO 1302	angular	0°	±2°									

Creo File - REV E - 2016-02-12

1

2

3

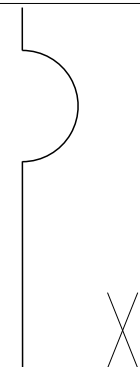
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5

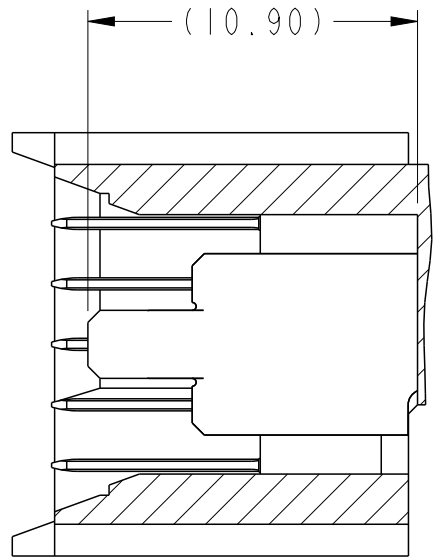
PDS: Rev :H

STATUS:Released

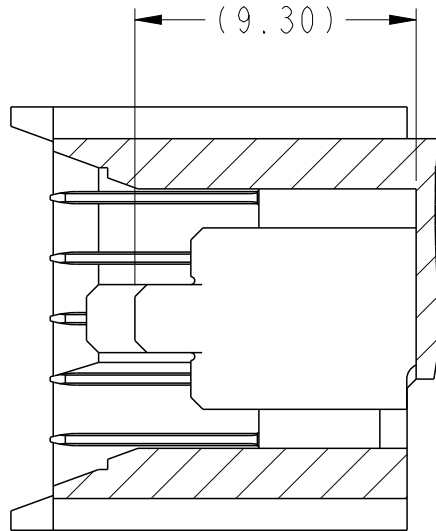
Printed: May 26, 2017

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)																										

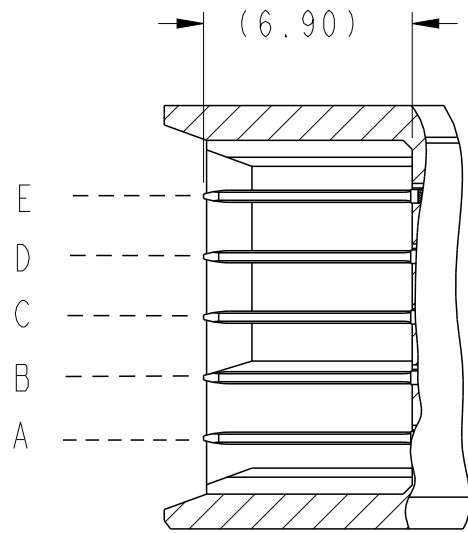
- 1). LOAD WITH CHOICE OF 2 POWER CONTACT MATING LEVELS, SEE SECTIONS KM & KR FOR AVAILABLE LEVEL OPTIONS.
- 2). LOAD WITH CHOICE OF 3 SIGNAL CONTACT MATING LEVELS, SEE SECTIONS KA,KB,&KC FOR AVAILABLE LEVEL OPTIONS.
- 3). MOUNTING FEATURE OPTION "X"
- H : HOLD DOWN TYPE
- S : SCREW MOUNT TYPE
- 4).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



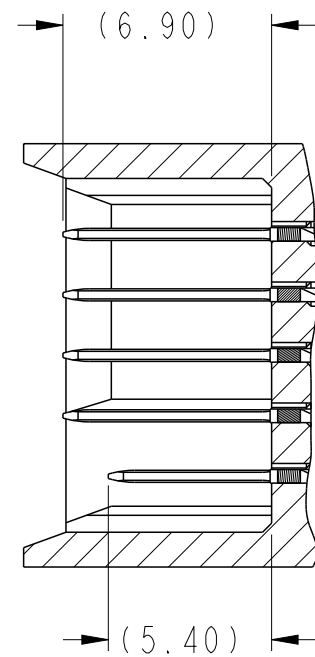
POWER
SECTION KM-KM
LEVEL 1:
LONGEST MATING
CONTACTS



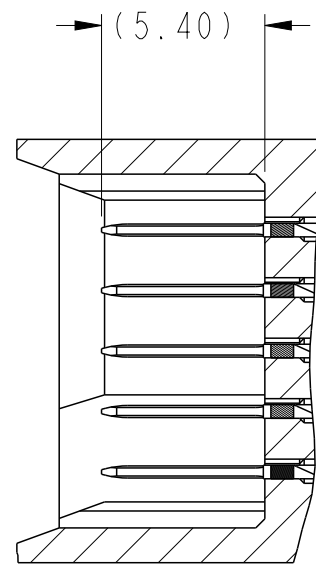
POWER
SECTION KR-KR
LEVEL 2:
SHORTEST MATING
CONTACTS



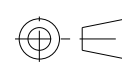
SIGNAL
SECTION KA-KA
LEVEL 2:
ALL LONGEST
CONTACTS



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			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		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					

1		2				3				4				5				6				7				8					
A	PART NUMBER	ROWS		SIGNALS					POWERS																						
			1	2	3	4	5	1	2	3	4	5	6	7	8																
	10122460-006LF 25S + 8P	E	H		2	2	32222	2	2	1	1	2	2	2	2	2	1												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														
	10122460-007LF 25S + 10P	E	S		2	2	2	2	3	2	2	2	2	2	2	2	2	2	2											S	
	D																														
	C																														
	B																														
A																															
C	PART NUMBER	ROWS		SIGNALS			POWERS																								
			1	2	3	1	2																								
	10122460-008LF 15S + 2P	E	H		32222	2	2	1	2																						
	D																														
	C																														
	B																														
A																															
D	PART NUMBER	ROWS		SIGNALS					POWERS																						
			1	2	3	4	5	1	2	3	4	5	6	7	8	9	10														
	10122460-009LF 25S + 10P	E	H		2	2	3	2	2	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														
	10122460-009LF 25S + 10P	E	H		2	2	3	2	2	2	2	2	2	2	2	2	2	2	2											H	
	D																														
	C																														
	B																														
A																															
F	PART NUMBER	ROWS		SIGNALS					POWERS																						
			1	2	3	4	5	1	2	3	4	5	6	7	8	9	10														
	10122460-009LF 25S + 10P	E	H		2	2	3	2	2	2	2	2	2	2	2	2	2	2	2											H	
	D																														
	C																														
	B																														
A																															

