

A

B

C

D

E

F

A

B

C

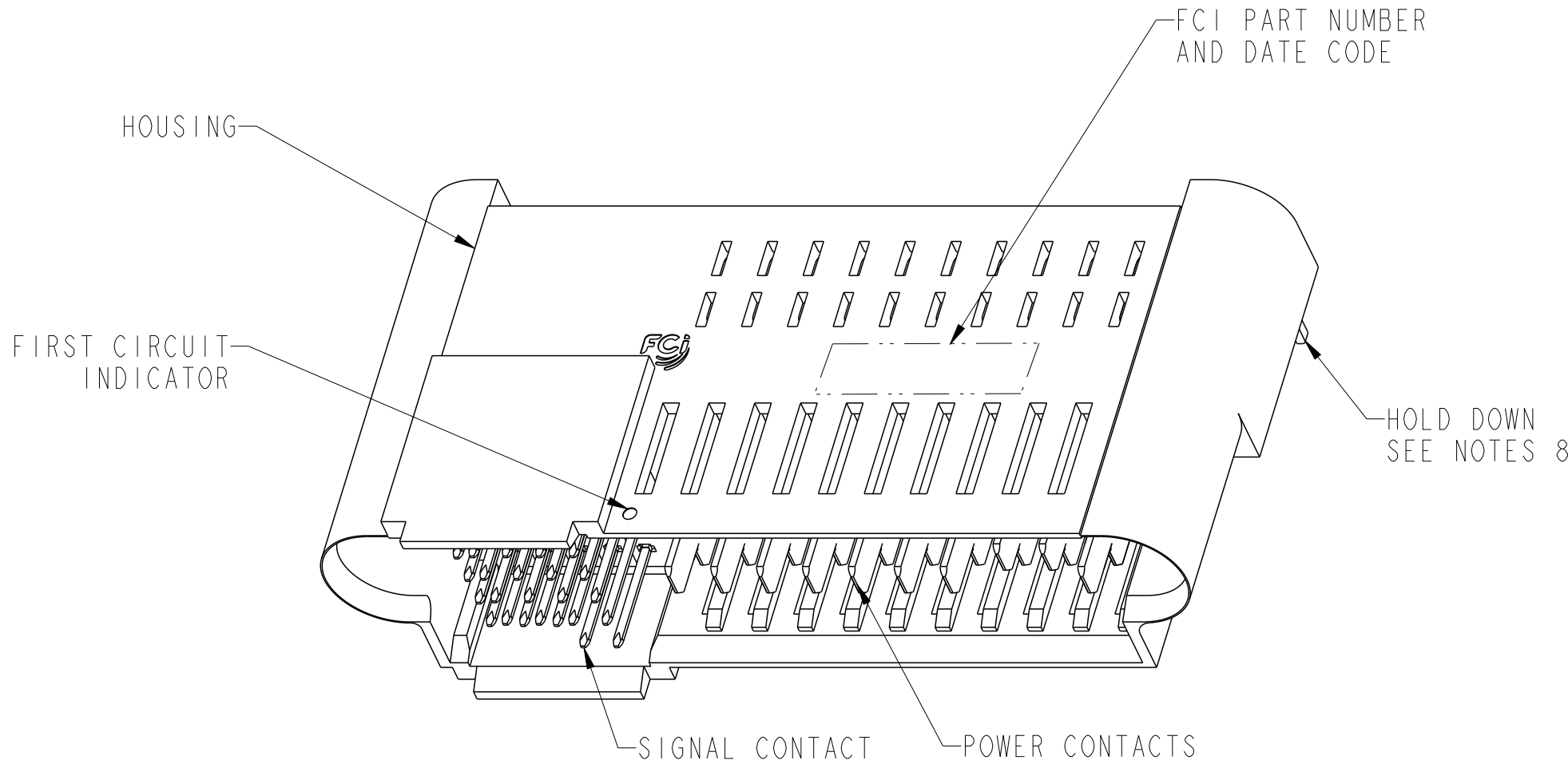
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E

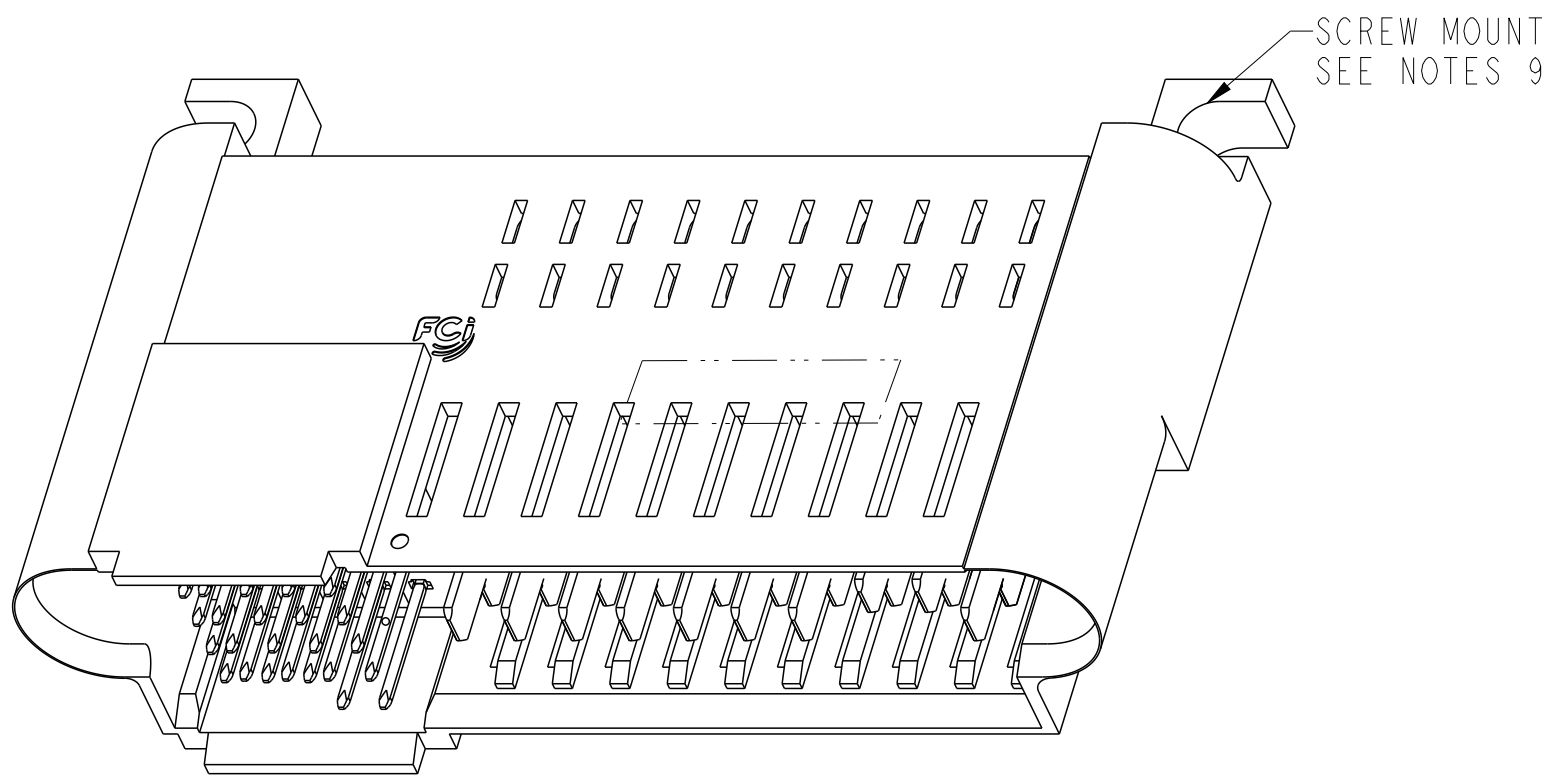
F

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25Sx10P CONFIGURATION SHOWN
HOLD DOWN TYPE



25Sx10P CONFIGURATION SHOWN
SCREW MOUNT TYPE

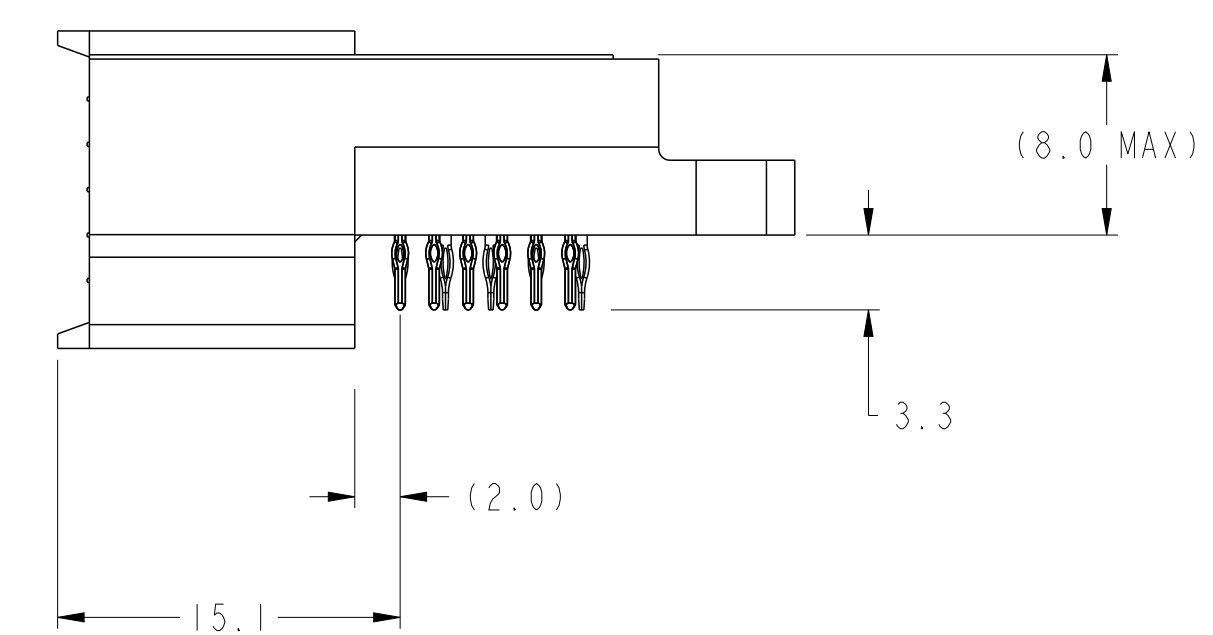
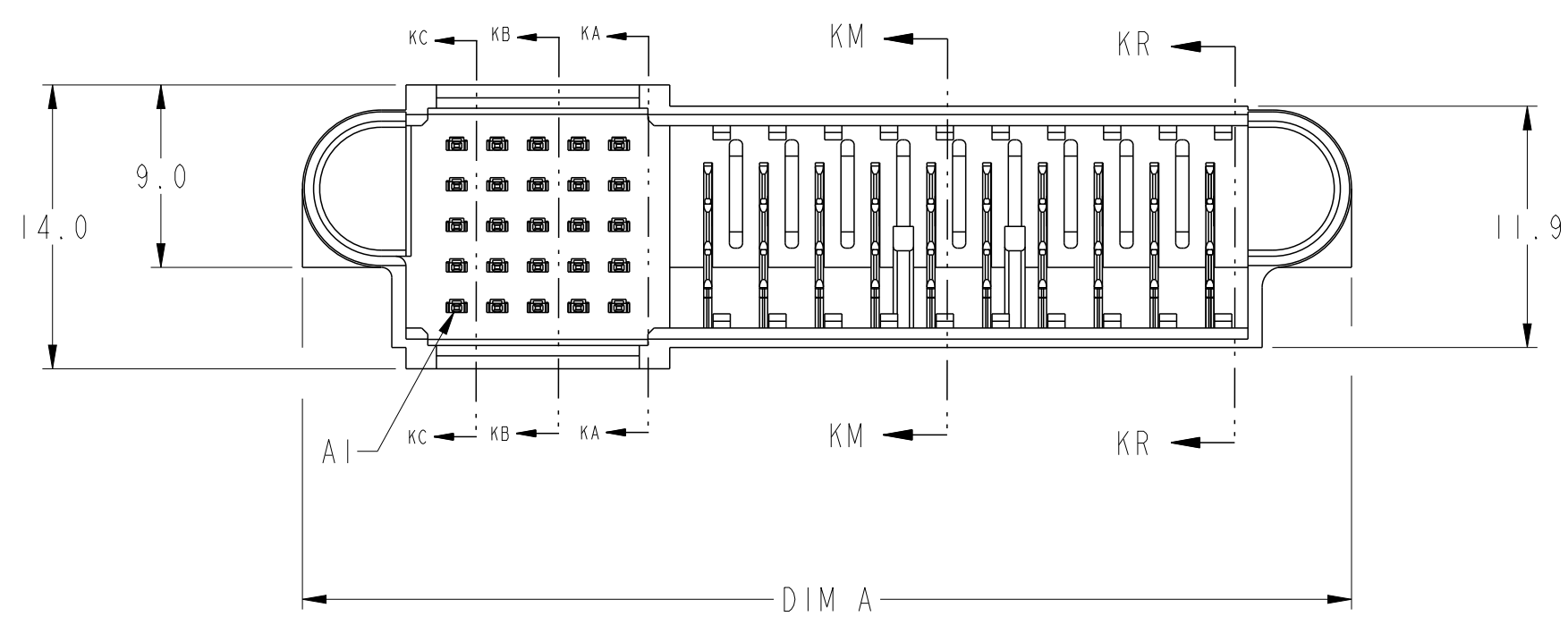
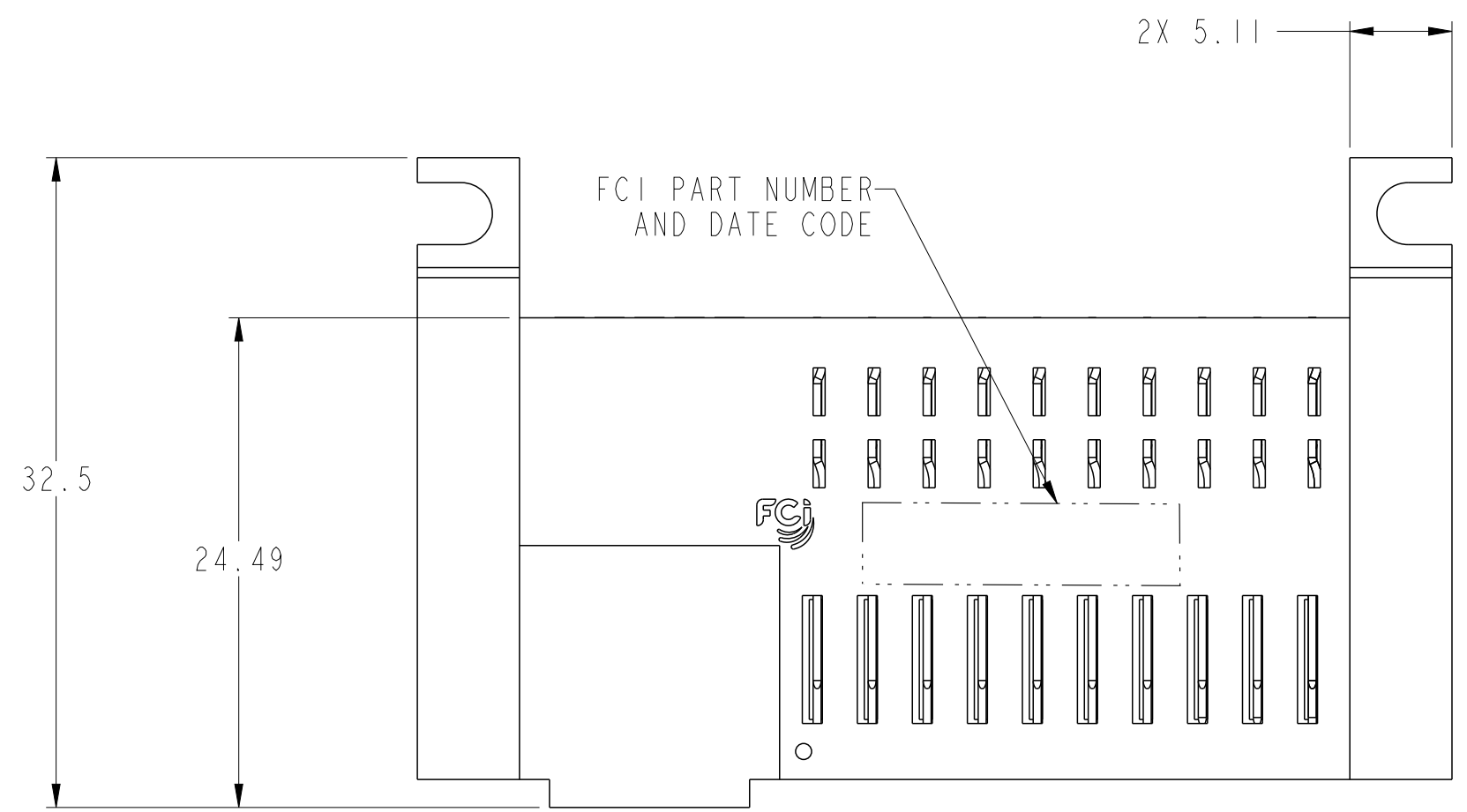
NOTES:

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 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 1 of 10										

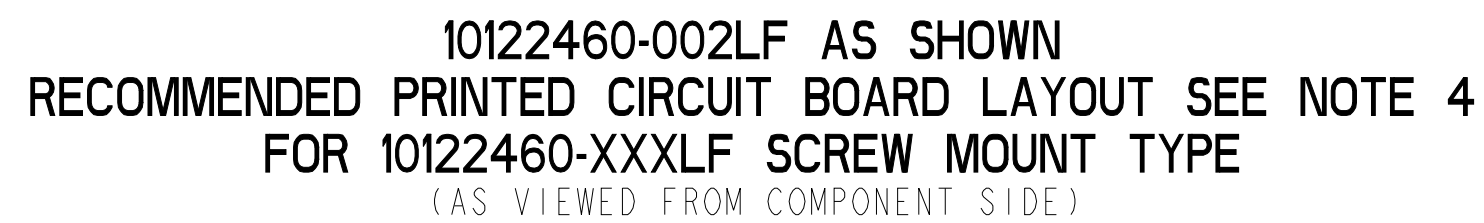


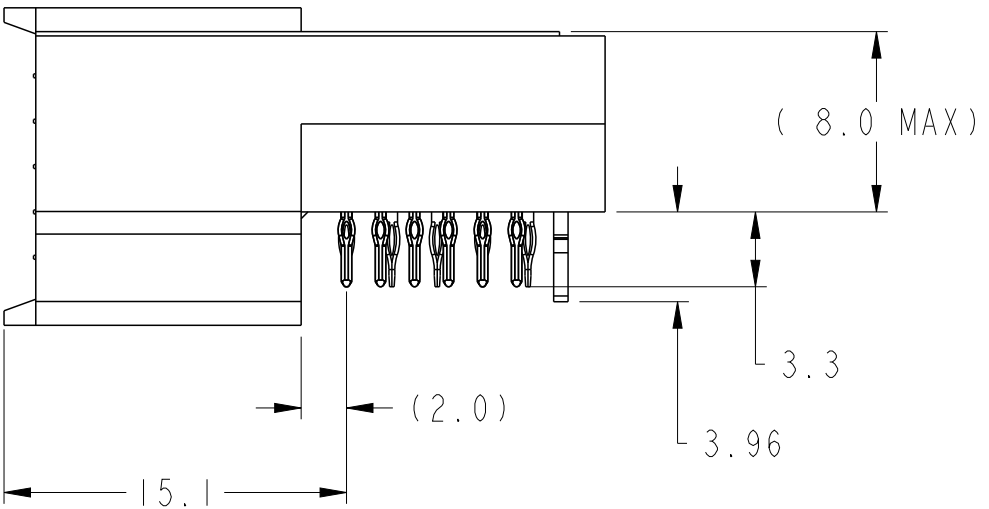
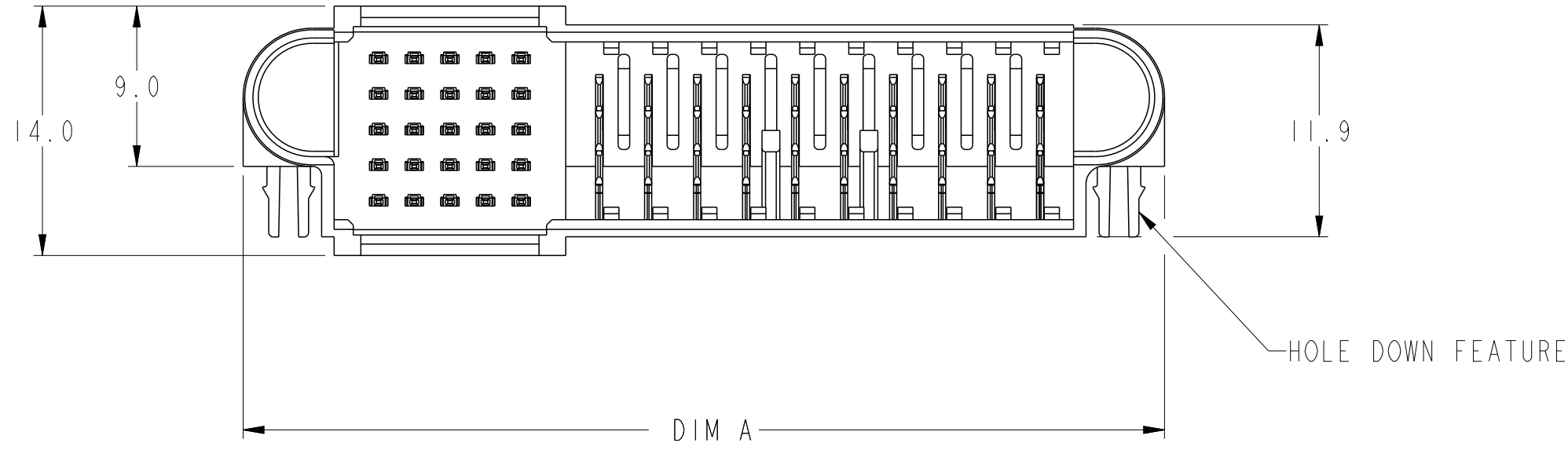
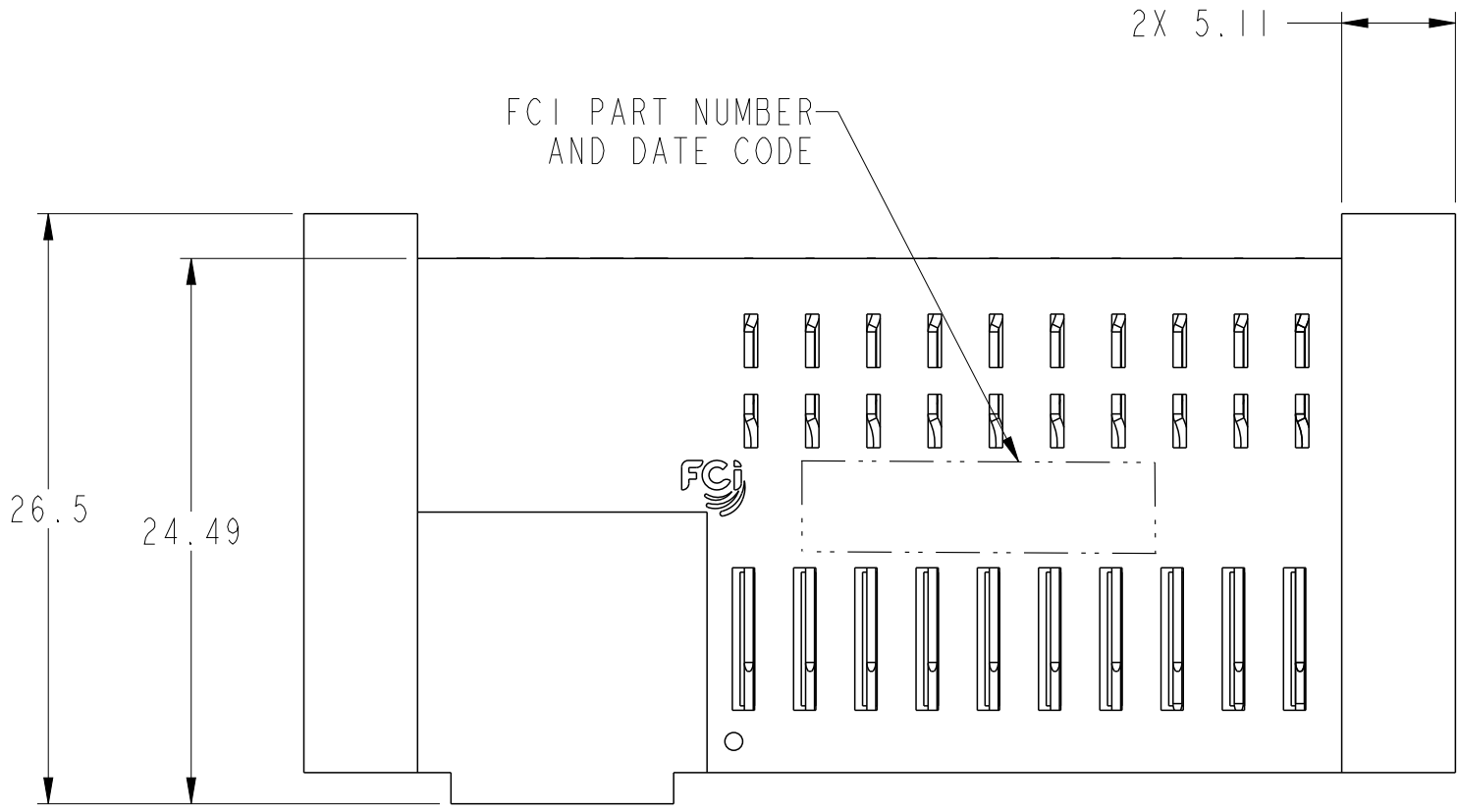
SCREW MOUNT TYPE AS SHOWN

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		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		

Amphenol FCI

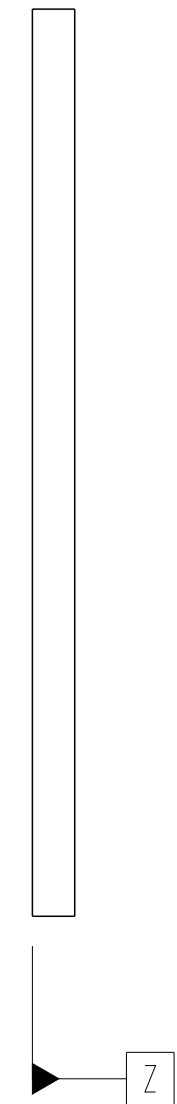
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HOLE DOWN TYPE AS SHOWN

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 - ISO 1302		linear ✓ angular		0.X		±0.30		Amphenol FCI title PWR LoPro HEADER ASSEMBLY RA, PASSIVE GUIDE,S+P cat. no. -		dwg no 10122460		rev		H							
				0.XX		±0.20															
				0.XXX		±0.10															
ISO 1302		0°		±2°						Product - Customer Drw		sheet 4 of 10									



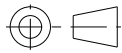
(AS VIEWED FROM COMPONENT SIDE)

spec ref		SEE NOTE 10		dr		Zhang Hong-Tu		2012/08/13		projection		size		scale	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		De-Ming Lu		2017/05/09				A2		4:1	
ISO 406				chr		Fancy Zhang		2017/05/23				ecn no		ELX-DG-18076-1	
ISO 1101				appr		Pei-Ming Zheng		2017/05/26		product family		PwLoPro		rel level	
surface		linear		Amphenol FCI		title		PWR LoPro HEADER ASSEMBLY		dwg no		10122460		rev	
		0.X ±0.30													
		0.XX ±0.20													
		0.XXX ±0.10													
ISO 1302		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									
angular	0°	±2°										
ISO 1302				cat. no.	-		Product - Customer Drw			sheet 6 of 10		

Creo File - REV E - 2016-02-12

1

2

3

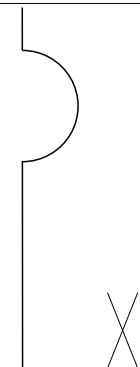
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5

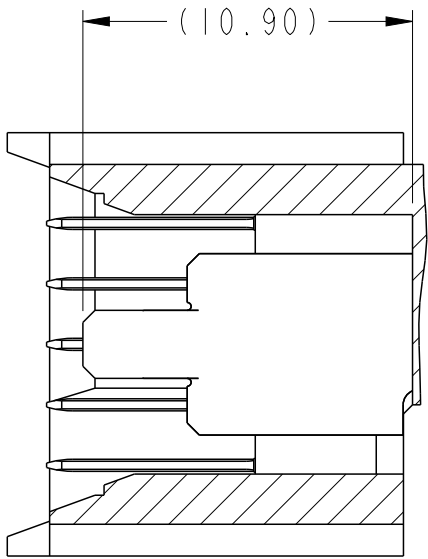
PDS: Rev :H

STATUS:Released

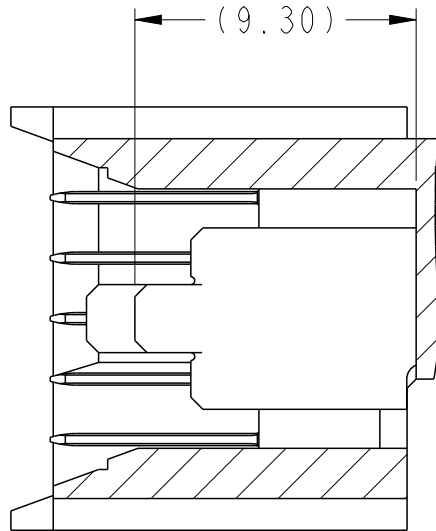
Printed: May 26, 2017

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)																										

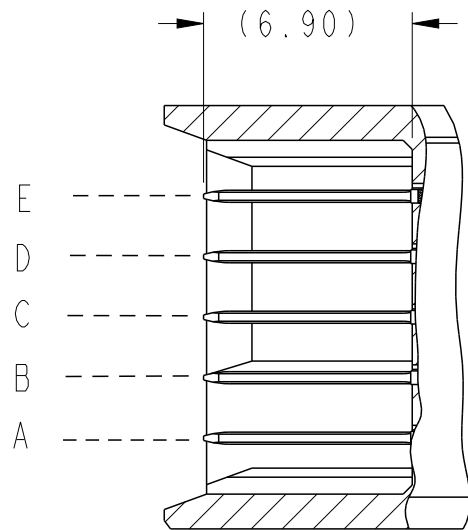
- 1). LOAD WITH CHOICE OF 2 POWER CONTACT MATING LEVELS, SEE SECTIONS KM & KR FOR AVAILABLE LEVEL OPTIONS.
- 2). LOAD WITH CHOICE OF 3 SIGNAL CONTACT MATING LEVELS, SEE SECTIONS KA,KB,&KC FOR AVAILABLE LEVEL OPTIONS.
- 3). MOUNTING FEATURE OPTION "X"
- H : HOLD DOWN TYPE
- S : SCREW MOUNT TYPE
- 4).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



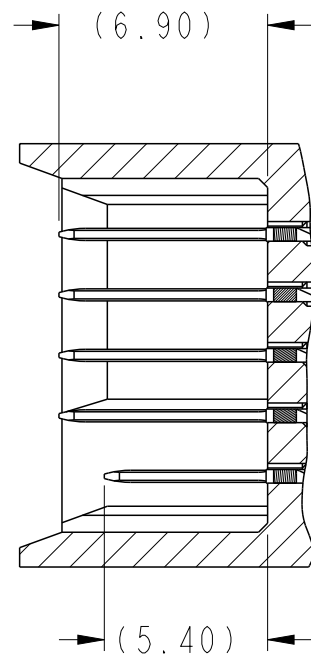
POWER
SECTION KM-KM
LEVEL 1:
LONGEST MATING
CONTACTS



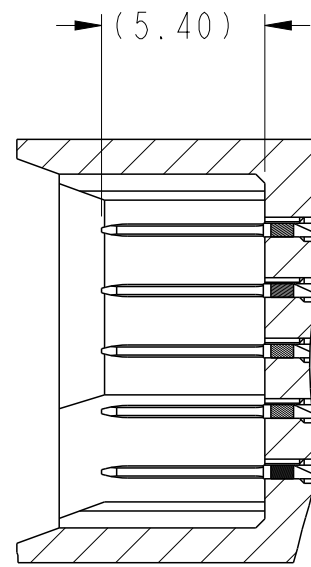
POWER
SECTION KR-KR
LEVEL 2:
SHORTEST MATING
CONTACTS



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

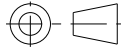
spec ref		SEE NOTE 10			dr		Zhang Hong-Tu		2012/08/13		projection		MM		size		A2		scale		1:1				
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		De-Ming Lu		2017/05/09						ecn no		ELX-DG-18076-1								
ISO 406					chr		Fancy Zhang		2017/05/23						rel level		Released								
ISO 1101					appr		Pei-Ming Zheng		2017/05/26						product family		PwrLoPro								
surface -  ISO 1302		linear		0.X		±0.30				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					

1		2				3				4				5				6				7				8				
A	PART NUMBER	ROWS		SIGNALS							POWERS																			
				1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
	10122460-001LF 35S + 18P	E	H																											
		D																												
		C																												
		B																												
A			3	3					3										3		3	3	3	2	2	2	-	-	-	-
B	PART NUMBER	ROWS		SIGNALS					POWERS																					
				1	2	3	4	5	1	2	3	4	5	6	7	8	9	10												
	10122460-003LF 25S + 10P	E	H																											
		D																												
		C																												
		B																												
A			2	2					32222										2		2	2	2	2	2	2	2	2	2	2
C	PART NUMBER	ROWS		SIGNALS					POWERS																					
				1	2	3	4	5	1	2	3	4	5	6	7	8														
	10122460-004LF 25S + 8P	E	H																											
		D																												
		C																												
		B																												
A			2	2					32222										2		2	-	-	-	-	2	2	2	2	
D	PART NUMBER	ROWS		SIGNALS					POWERS																					
				1	2	3	4	5	1	2	3	4	5	6	7	8														
	10122460-005LF 25S + 10P	E	H																											
		D																												
		C																												
		B																												
A			2	2					2										2		3	2	2	2	2	2	2	2	2	2
E	PART NUMBER	ROWS		SIGNALS					POWERS																					
				1	2	3	4	5	1	2	3	4	5	6	7	8	9	10												
	10122460-005LF 25S + 10P	E	H																											
		D																												
		C																												
		B																												
A			2	2					2										2		3	2	2	2	2	2	2	2	2	2
F	VIEWED FROM MATING FACE:																													

1		2		3		4		5		6		7		8																	
A	PART NUMBER	ROWS		SIGNALS							POWERS																				
				1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	10122460-010LF 35S + 20P	E	H		3	3	3	3	3	3	3	2	2	2	—	—	—	—	—	—	—	—	2	2	2	2	2	2	2	2	H
		D																													
		C																													
		B																													
A																															
B	PART NUMBER	ROWS		SIGNALS					POWERS																						
				1	2	3	4	5	1	2																					
	10122460-011LF 25S + 02P	E	H		2	32222	2	32222	2	1	2																				
		D																													
		C																													
		B																													
A																															
C	PART NUMBER	ROWS		SIGNALS					POWERS																						
				1	2	3	4	5	1	2	3	4	5	6	7	8	9	10													
	10122460-013LF 25S + 10P	E	S		2	2	2	2	3	2	2	2	2	2	2	2	2	2	S												
		D																													
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		B																													
A																															
D																															
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F																															

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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							
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 10 of 10				

PDS: Rev :H

STATUS:Released

Printed: May 26, 2017