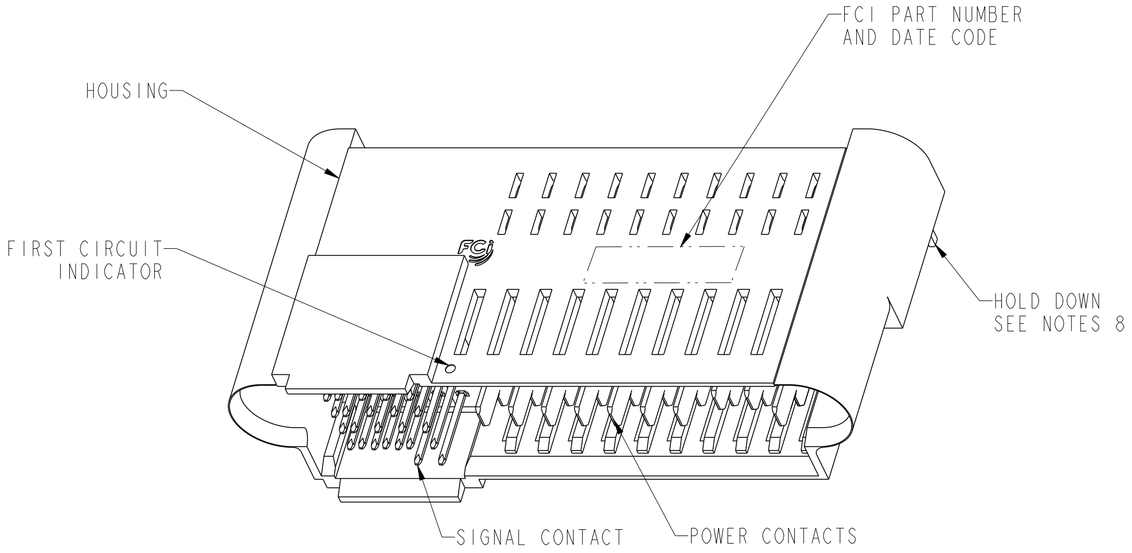
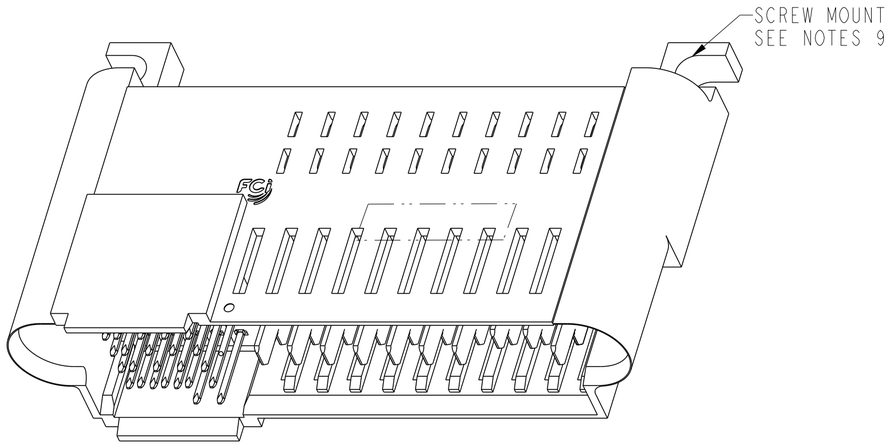


25Sx10P CONFIGURATION SHOWN
HOLD DOWN TYPE



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 ∅0.61±0.05mm, FOR SOLDER ∅0.90±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 ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	De-Ming Lu	2017/05/09			
				chr	Fancy Zhang	2017/05/23			ecn no ELX-DG-18076-1
				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	dwg no	10122460	rev H
		0.XX	±0.20			RA, PASSIVE GUIDE,S+P			
		0.XXX	±0.10						
	angular	0°	±2°		cat. no.	-	Product - Customer Drw		sheet 1 of 10

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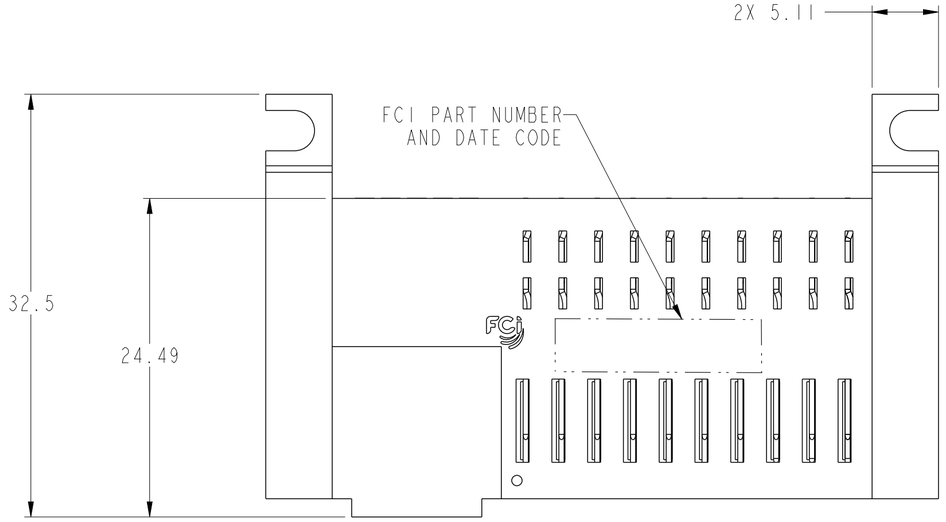

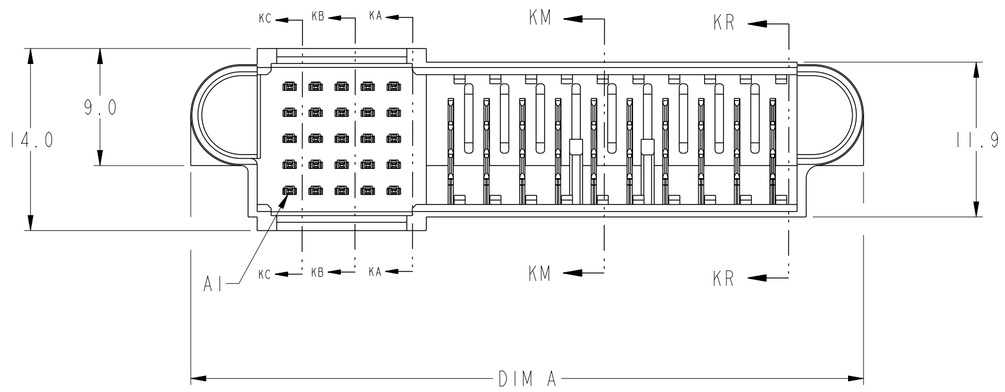

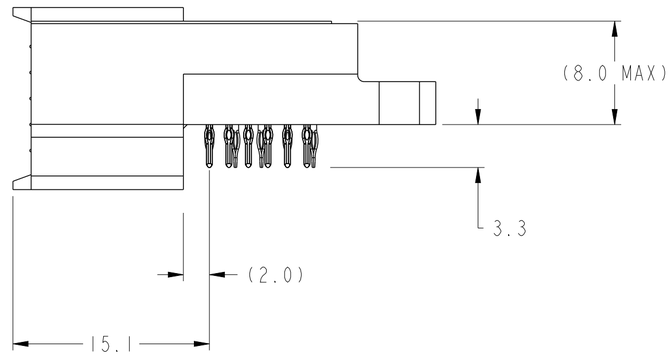

SCREW MOUNT TYPE AS SHOWN

spec ref	SEE NOTE 10			dr	Zhang Hong-Tu	2012/08/13	projection	MM	size A2 / scale 3:1
tolerance std ISO 406 ISO 1101	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	product family	PwrLoPro	rel level Released
surface - ISO 1302	linear	0.X	±0.30	Amphenol FCi	title	PWR LoPro HEADER ASSEMBLY	dwg no	10122460	rev H
		0.XX	±0.20			RA, PASSIVE GUIDE, S+P			
		0.XXX	±0.10						
	angular	0°	±2°		cat. no. -	Product - Customer Drw			sheet 2 of 10

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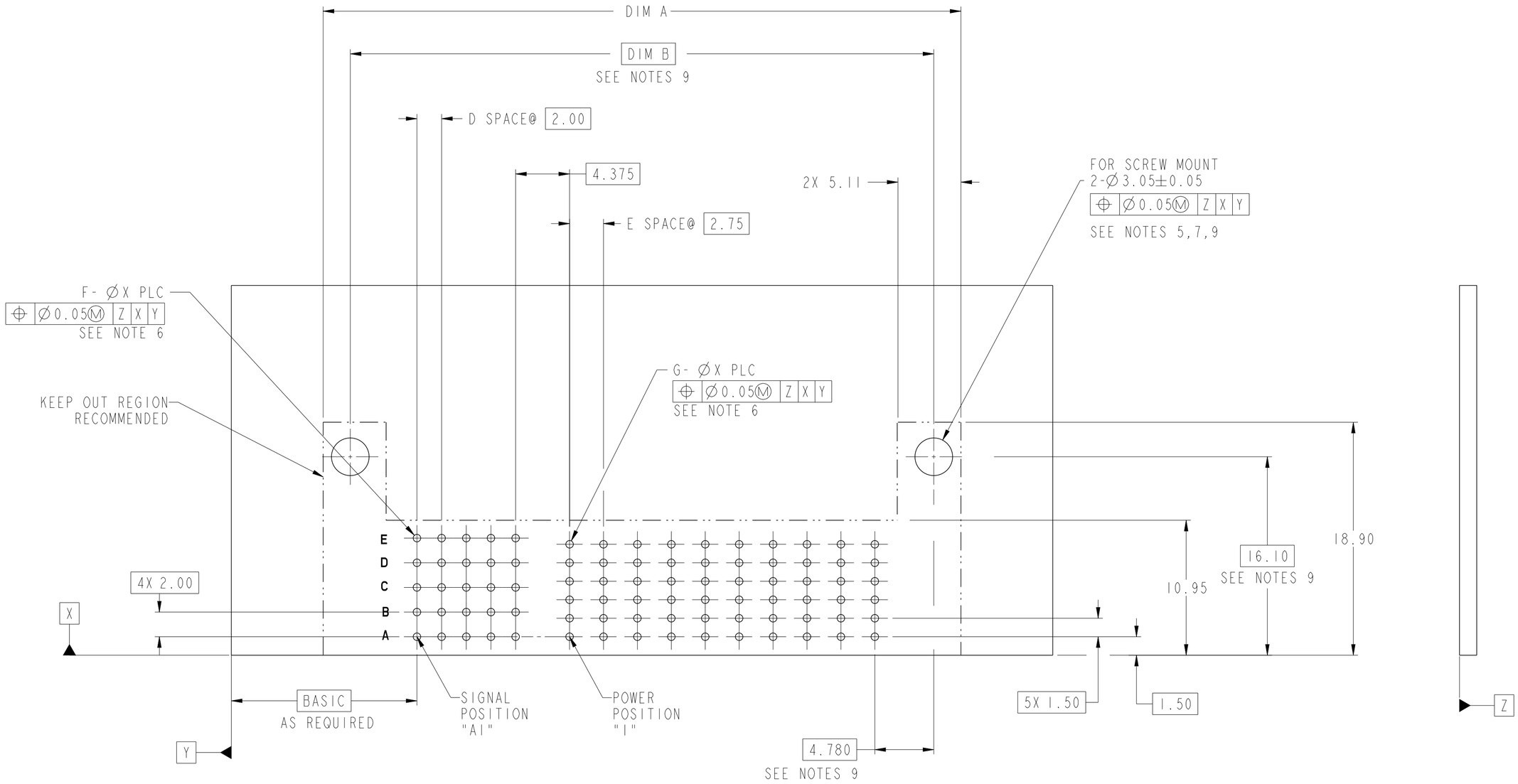

10122460-002LF AS SHOWN
RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT SEE NOTE 4
FOR 10122460-XXXLF SCREW MOUNT TYPE
(AS VIEWED FROM COMPONENT SIDE)

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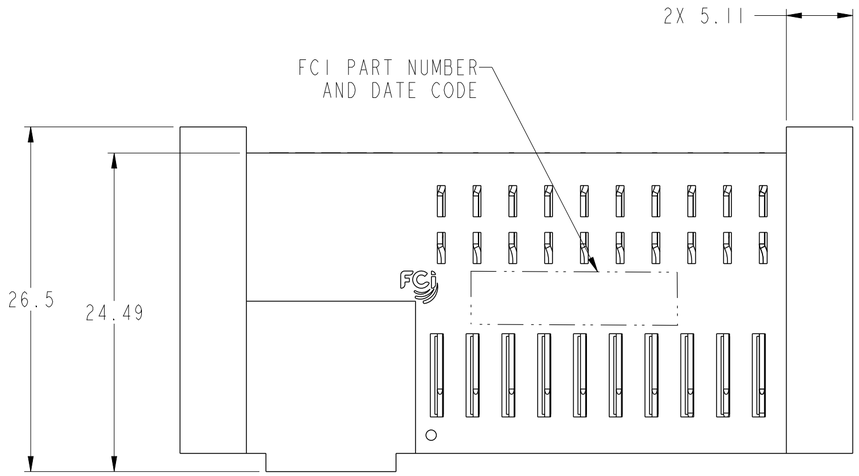
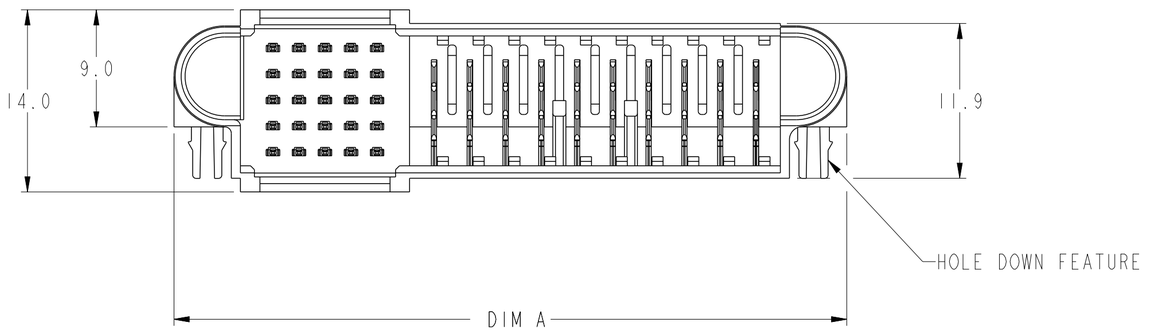
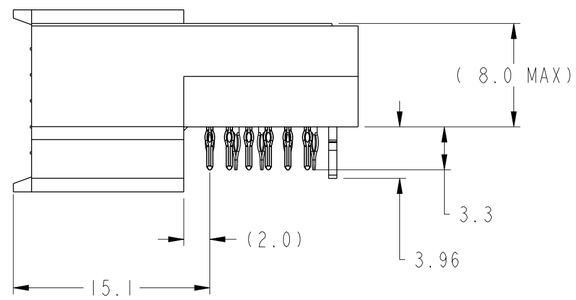
spec ref	SEE NOTE 10			dr	Zhang Hong-Tu	2012/08/13	projection MM
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	De-Ming Lu	2017/05/09	size A2 / scale 3:1
				chr	Fancy Zhang	2017/05/23	ecn no ELX-DG-18076-1
				appr	Pei-Ming Zheng	2017/05/26	product family PwrLoPro / rel level 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		cat. no. -	Product - Customer Drw	sheet 3 of 10
	angular	0°	±2°				







HOLE DOWN TYPE AS SHOWN

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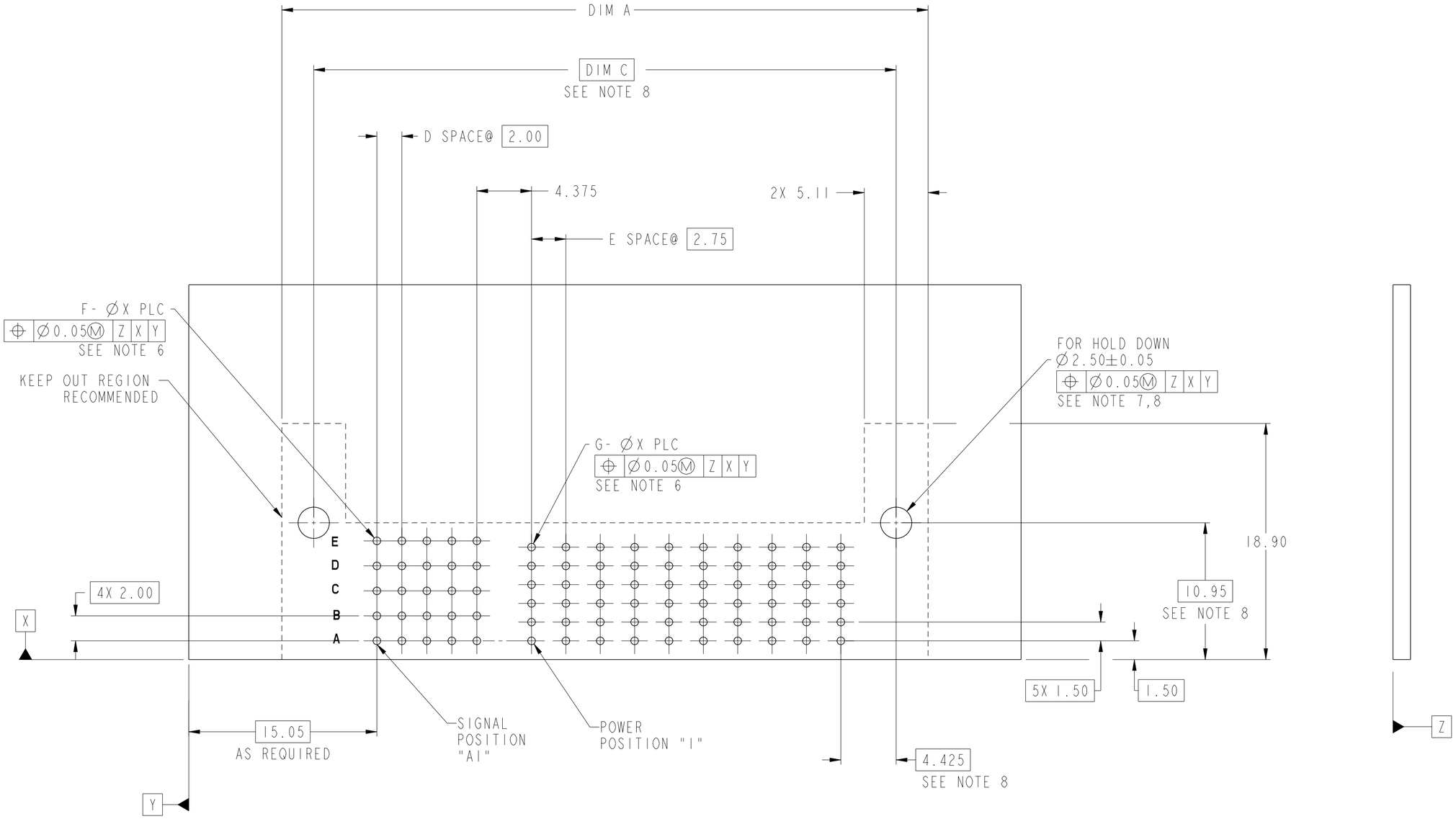
spec ref	SEE NOTE 10			dr	Zhang Hong-Tu	2012/08/13	projection	MM	size A2 / scale 3:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	De-Ming Lu	2017/05/09			ecn no ELX-DG-18076-1
				chr	Fancy Zhang	2017/05/23			
				appr	Pei-Ming Zheng	2017/05/26	product family PwrLoPro		rel level Released
surface ISO 1302	linear	0.X	±0.30	Amphenol FCi	title	PWR LoPro HEADER ASSEMBLY	dwg no 10122460		rev H
		0.XX	±0.20			RA, PASSIVE GUIDE,S+P			
		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 ISO 406 ISO 1101	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	product family	PwrLoPro	rel level Released
surface ISO 1302	linear	0.X	±0.30	Amphenol FCi	title	PWR LoPro HEADER ASSEMBLY	dwg no	10122460	rev H
		0.XX	±0.20			RA, PASSIVE GUIDE, S+P			
		0.XXX	±0.10						
	angular	0°	±2°		cat. no.	-	Product - Customer Drw		sheet 5 of 10

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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

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spec ref	SEE NOTE 10		
tolerance std	ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	
surface	-	ISO 1302	
linear	0.X	±0.30	
	0.XX	±0.20	
	0.XXX	±0.10	
angular	0°	±2°	

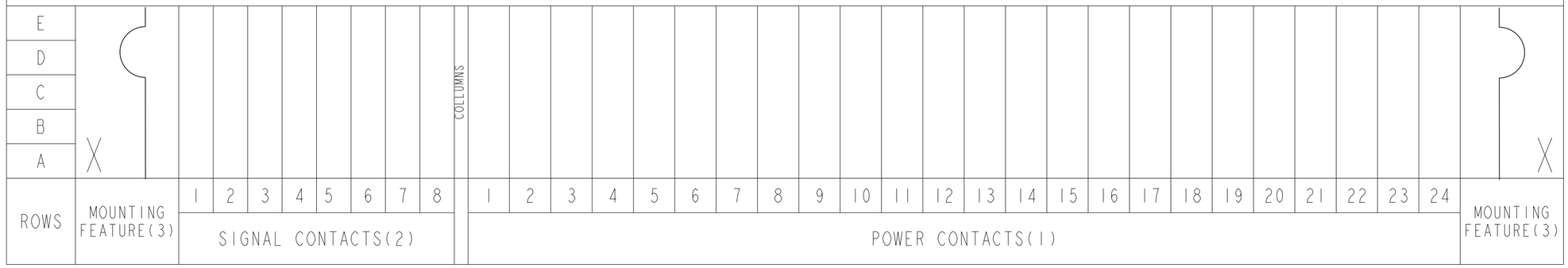
dr	Zhang Hong-Tu	2012/08/13
eng	De-Ming Lu	2017/05/09
chr	Fancy Zhang	2017/05/23
appr	Pei-Ming Zheng	2017/05/26

projection	MM	size A2	scale 3:1
		ecn no	ELX-DG-18076-1
product family	PwrLoPro	rel level	Released

Amphenol FCi	title	PWR LoPro HEADER ASSEMBLY RA, PASSIVE GUIDE, S+P	dwg no 10122460 rev H
	cat. no. -	Product - Customer Drw	sheet 6 of 10

CUSTOMER LOADING WORKSHEET FOR SIGNAL & POWER SEQUENCING LEVELS

PWR LO PRO - MATING FACE OF HEADER CONNECTOR(4)

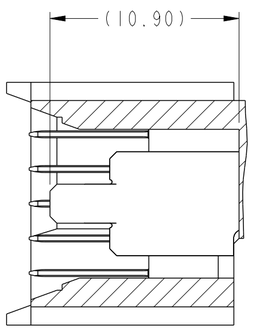


1). LOAD WITH CHOICE OF 2 POWER CONTACT MATING LEVELS, SEE SECTIONS KM & KR FOR AVAILABLE LEVEL OPTIONS.

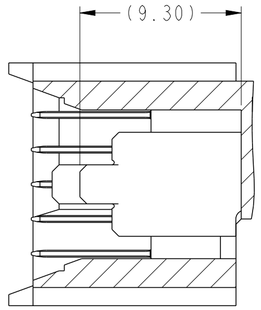
2). LOAD WITH CHOICE OF 3 SIGNAL CONTACT MATING LEVELS, SEE SECTIONS KA,KB,&KC FOR AVAILABLE LEVEL OPTIONS.

3). MOUNTING FEATURE OPTION "X"
- H : HOLD DOWN TYPE
- S : SCREW MOUNT TYPE

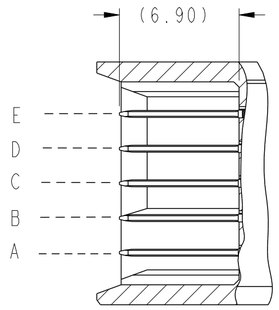
4). CUSTOMER LOADING WORKSHEET SHOWN AT MAXMUM SIZE CONFIGURATION (40Sx24P), SIGNALS AVAILABLE IN 2,3,4 THRU 8 POSITIONS, POWERS AVAILABLE IN 4,6,8 THRU 24 POSITIONS IN EVEN QUANTITIES ONLY.



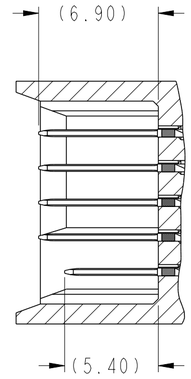
POWER
SECTION KM-KM
LEVEL 1:
LONGEST MATING
CONTACTS



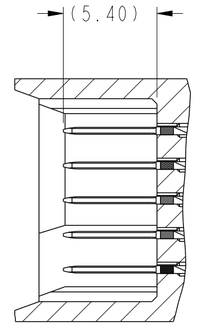
POWER
SECTION KR-KR
LEVEL 2:
SHORTEST MATING
CONTACTS



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

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spec ref	SEE NOTE 10			dr	Zhang Hong-Tu	2012/08/13	projection: MM
tolerance std: ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	De-Ming Lu	2017/05/09	size: A2 / scale: 1:1
				chr	Fancy Zhang	2017/05/23	ecn no: ELX-DG-18076-1
				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 7 of 10

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 D C B A	H	3	3	3	3	3	3	3	2	2	2	—	—	—	—	—	—	—	2	2	2	2	2	2	2	2	H

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 D C B A	H	2	2	32222	2	2	2	2	2	2	2	2	2	2	2	2	H

PART NUMBER	ROWS		SIGNALS					POWERS								
			1	2	3	4	5	1	2	3	4	5	6	7	8	
10122460-004LF 25S + 8P	E D C B A	H	2	2	32222	2	2	—	—	—	—	2	2	2	2	H

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 D C B A	H	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	H

VIEWED FROM MATING FACE:

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spec ref	SEE NOTE 10		dr	Zhang Hong-Tu	2012/08/13	projection	MM
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	De-Ming Lu	2017/05/09		
ISO 406 ISO 1101			chr	Fancy Zhang	2017/05/23		
			appr	Pei-Ming Zheng	2017/05/26	product family	PwrLoPro
surface -	linear	0.X ±0.30	Amphenol FCi	title	PWR LoPro HEADER ASSEMBLY		
ISO 1302		0.XX ±0.20			RA, PASSIVE GUIDE, S+P		
		0.XXX ±0.10					
	angular	0° ±2°		cat. no.	-	Product - Customer Drw	

size	scale	rel level	dwg no	rev
A2	1:1	Released	10122460	H

ecn no ELX-DG-18076-1

sheet 8 of 10

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

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	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	S
	D																
	C																
	B																
	A	S															

PART NUMBER	ROWS	SIGNALS			POWERS		
		1	2	3	1	2	
10122460-008LF 15S + 2P	E	32222	2	2	1	2	H
	D						
	C						
	B						
	A	H					

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	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	H
	D																
	C																
	B																
	A	H															

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spec ref	SEE NOTE 10		dr	Zhang Hong-Tu	2012/08/13	projection
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	De-Ming Lu	2017/05/09	MM
ISO 406 ISO 1101			chr	Fancy Zhang	2017/05/23	
			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
ISO 1302		0.XX ±0.20		RA, PASSIVE GUIDE, S+P		rev: H
		0.XXX ±0.10		cat. no. -	Product - Customer Drw	sheet 9 of 10
	angular	0° ±2°				

size: A2 | scale: 1:1 | ecn no: ELX-DG-18076-1 | rel level: Released

Creo File - REV E - 2016-02-12

PDS: Rev :H | STATUS: Released | Printed: May 26, 2017

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		3	3	3	3	3	3	3	2	2	2	—	—	—	—	—	—	—	—	—	2	2	2	2	2	2	2	2
	D																												
	C																												
	B																												
	A	H																											H

PART NUMBER	ROWS		SIGNALS					POWERS		
			1	2	3	4	5	1	2	
10122460-011LF 25S + 02P	E		2	32222	2	32222	2	1	2	
	D									
	C									
	B									
	A	H								H

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		2	2	2	2	3	2	2	2	2	2	2	2	2	2	2
	D																
	C																
	B																
	A	S															S

CODE	DESCRIPTION
1	FOR LEVEL 1
2	FOR LEVEL 2
32222	FOR LEVEL 32222 (MIXED)
3	FOR LEVEL 3

Amphenol FCi

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spec ref	SEE NOTE 10		dr	Zhang Hong-Tu	2012/08/13
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	De-Ming Lu	2017/05/09
ISO 406 ISO 1101			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 RA, PASSIVE GUIDE, S+P
ISO 1302		0.XX	±0.20		
		0.XXX	±0.10		
	angular	0°	±2°		

projection	MM	size A2	scale 1:1		
product family PwrLoPro		ecn no ELX-DG-18076-1			
		rel level Released			
cat. no. -	Product - Customer Drw	dwg no 10122460	rev H		
		sheet 10 of 10			

Creo File - REV E - 2016-02-12

PDS: Rev :H STATUS: Released Printed: May 26, 2017

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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