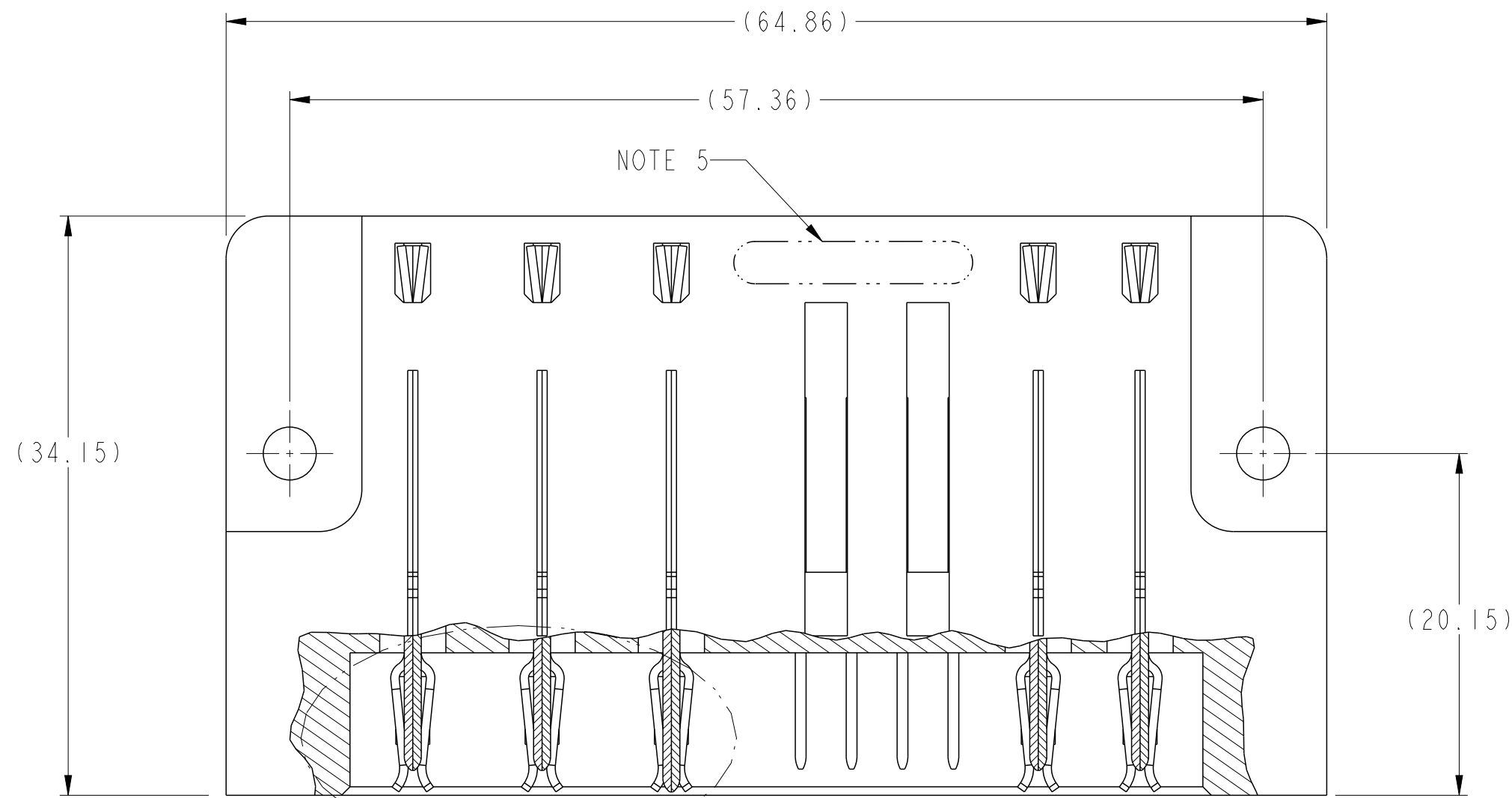
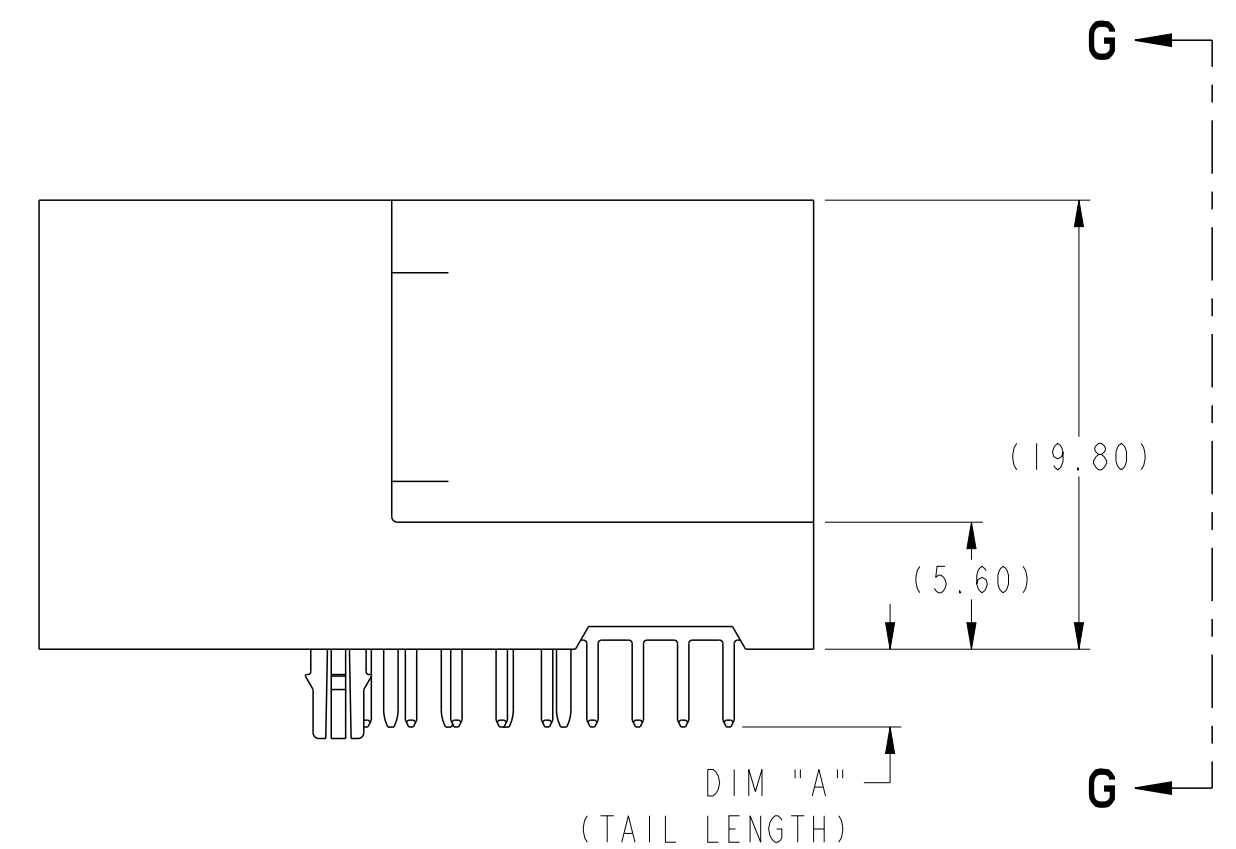
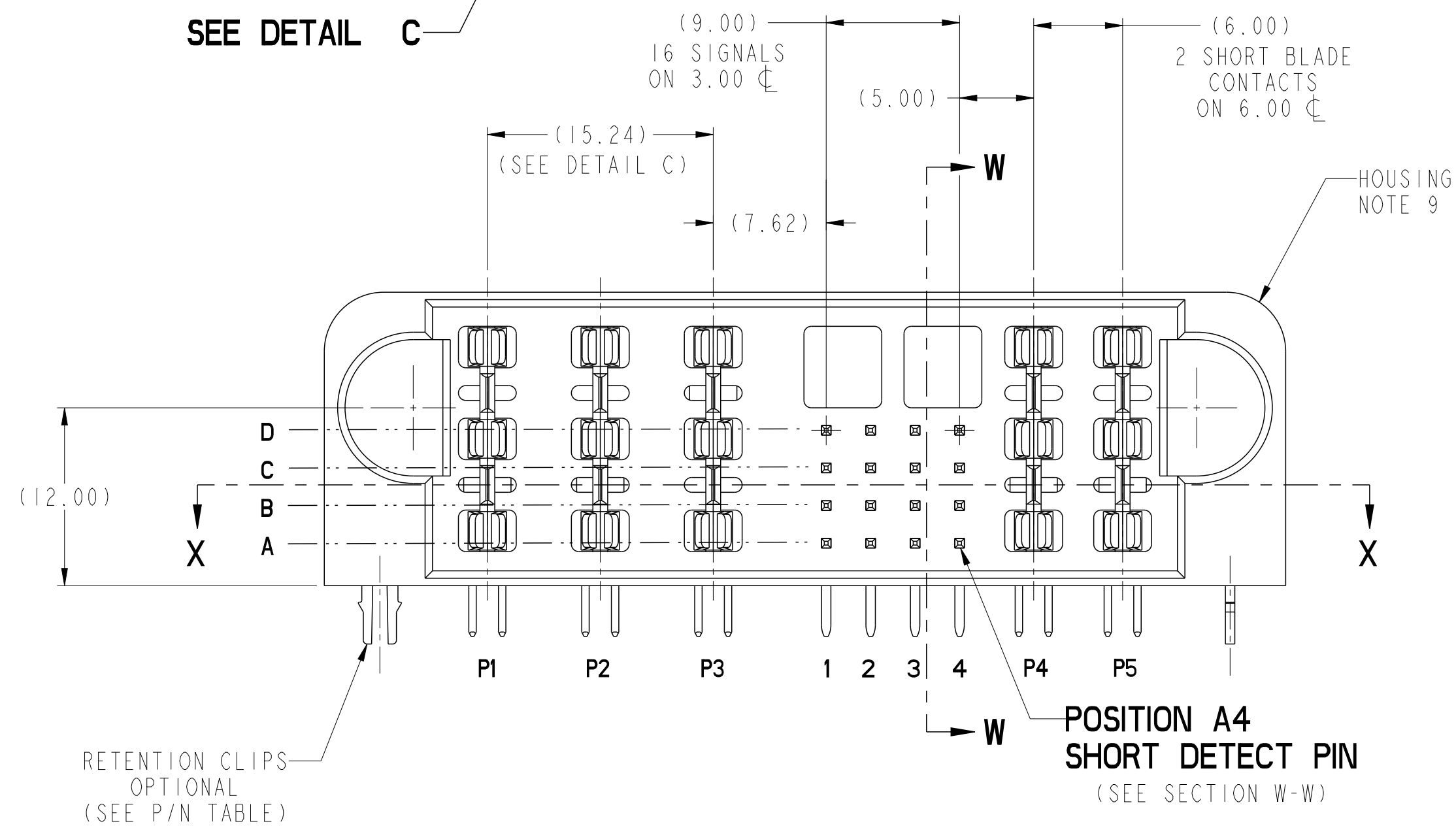




SECTION X-X

SEE DETAIL C

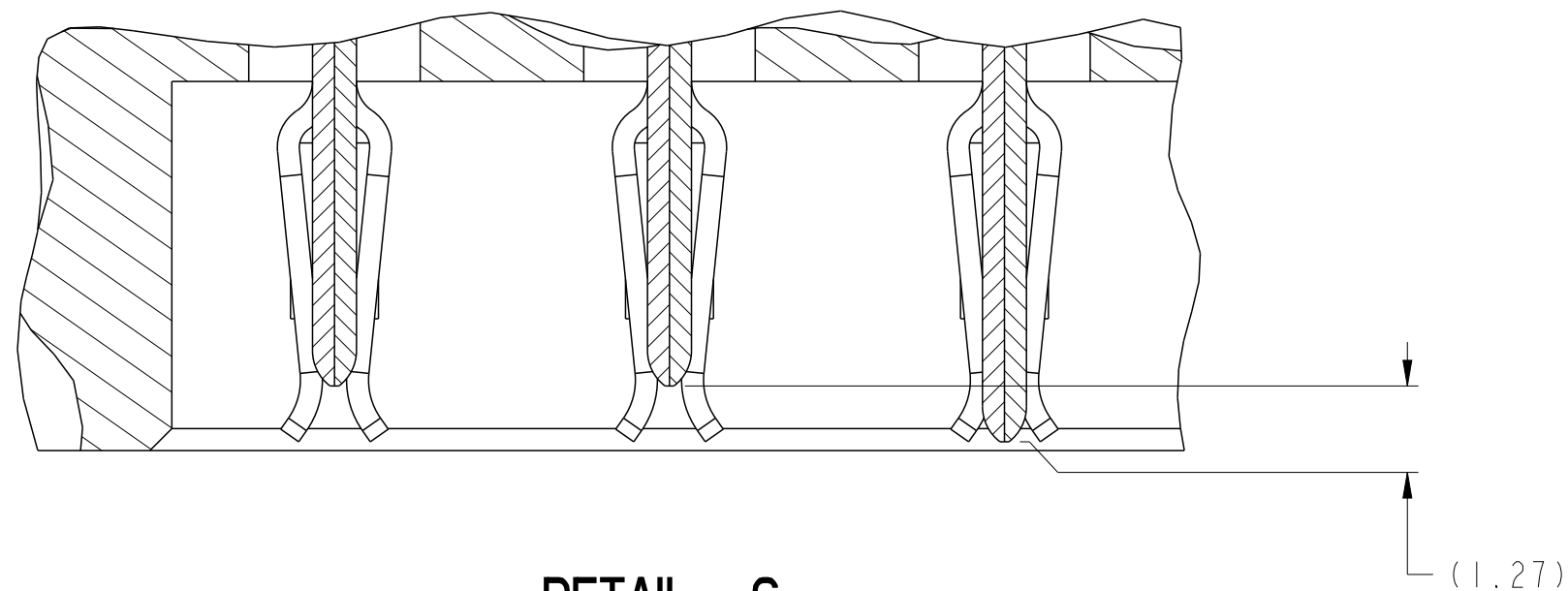


spec ref -		dr NotFound DuWa		2010/04/28		projection		size A2		scale 1:1	
tolerance std -		eng De-Ming Lu		2014/12/28				ecn no		ELX-DG-19849-1	
ASME Y14.5		chr -		-				rel level		Released	
		appr Pei-Ming Zheng		2014/12/29		product family -					
surface 		linear		0.X ±0.5		FCI		title R/A HDR ASSY 3AC-16S-2DC		dwg no 10091479	
				0.XX ±0.25				HCI POWER CONNECTOR		rev B	
ASME Y14.5		angular 0°		±0.10		www.fci.com		cat. no. -		Product- Customer Drw	
				±2°						sheet 1 of 5	

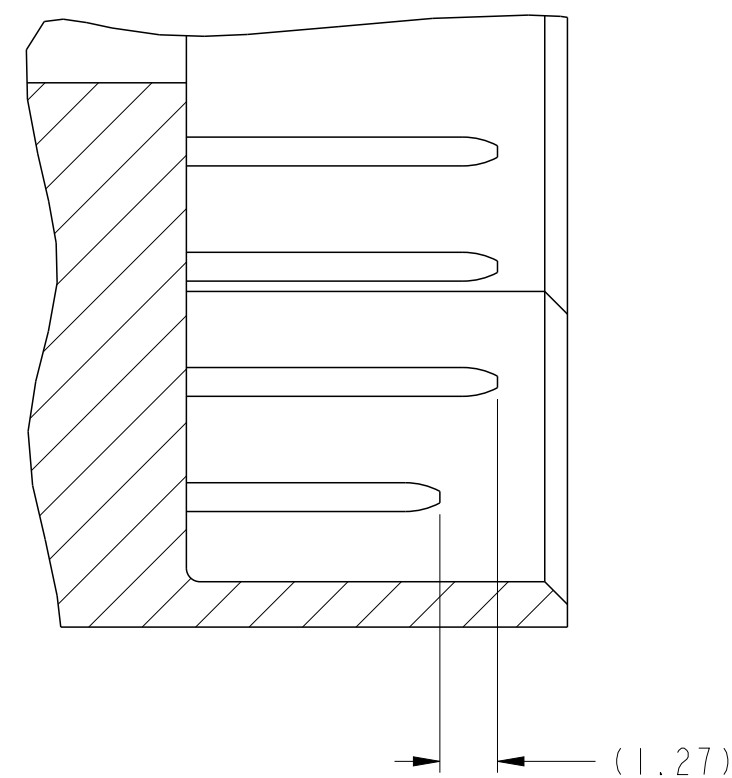
PDS: Rev :B

STATUS:Released

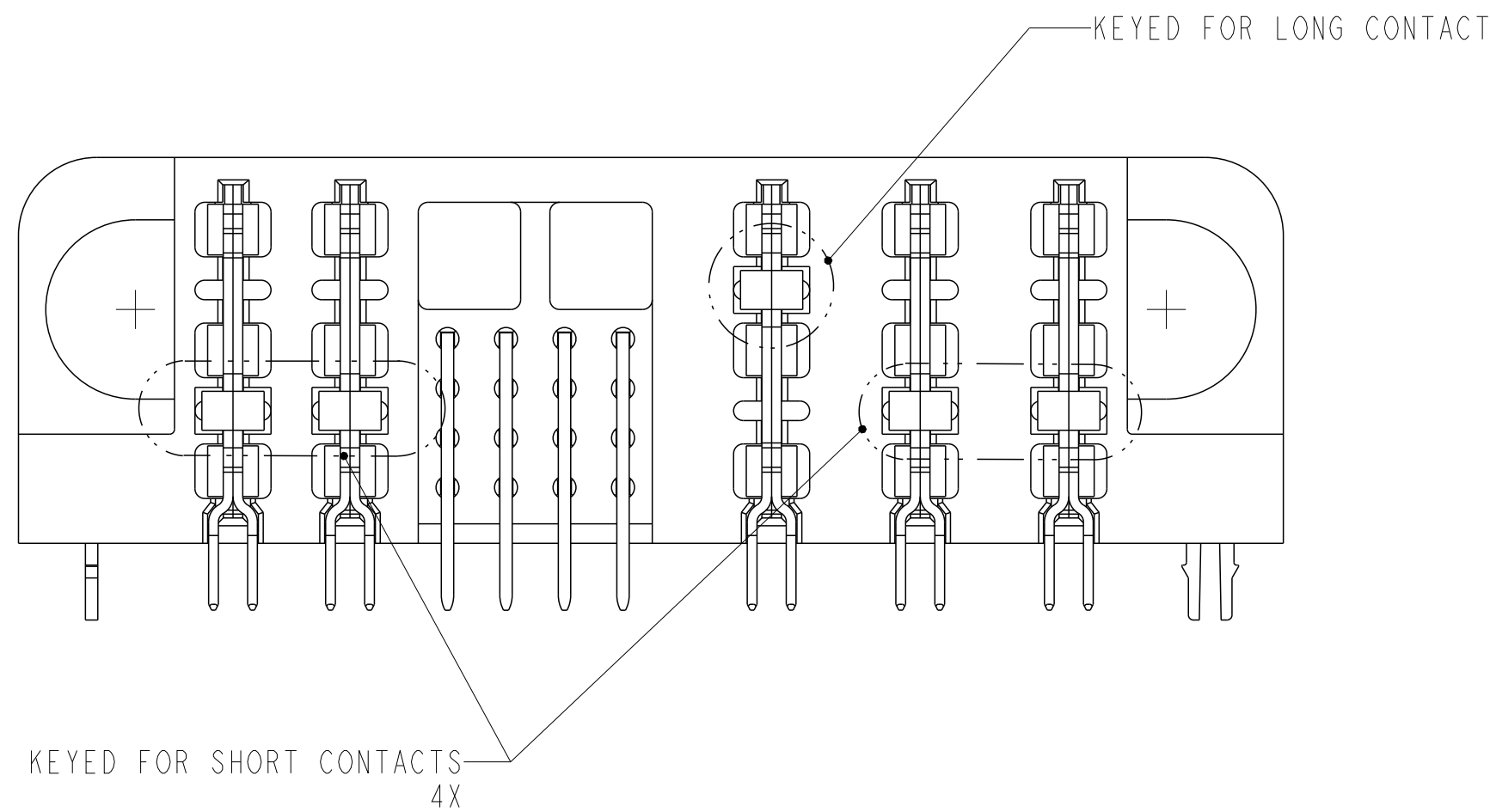
Printed: Dec 29, 2014



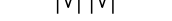
DETAIL C
SCALE 6:1
POWER MATING
SEQUENCE



SECTION W-W
SCALE 6:1
SIGNAL MATING
SEQUENCE



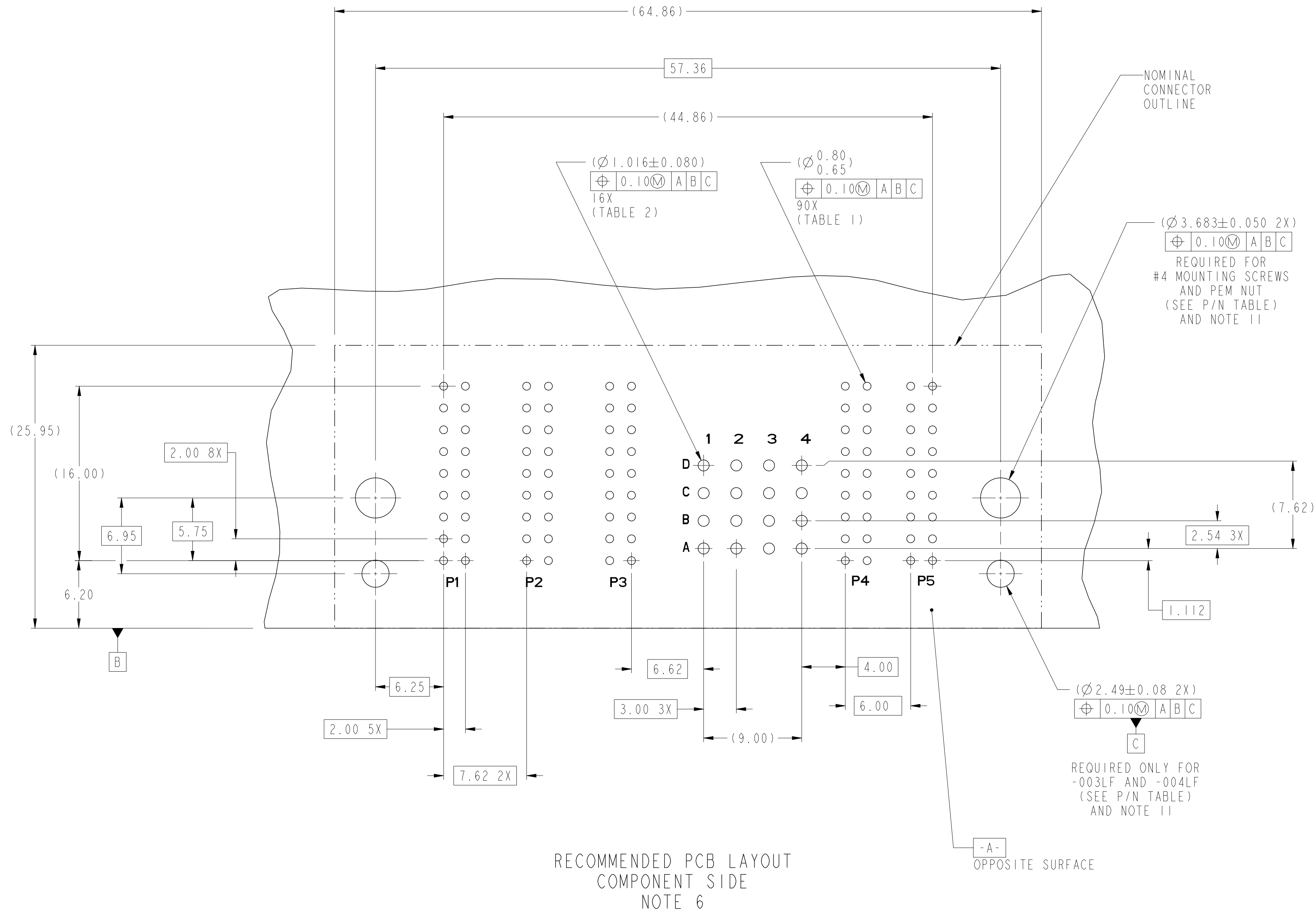
VIEW G-G

dr	Not Found DuWa	2010/04/28			size	A2	scale	1:1	
eng	De-Ming Lu	2014/12/28			ecn no		ELX-DG-19849-1		
chr	-	-			rel level		Released		
appr	Pei-Ming Zheng	2014/12/29	product family		-	rev			
			title			dwg no			
			R/A HDR ASSY 3AC-16S-2DC			10091479			
			HCI POWER CONNECTOR			B			
www.fci.com			cat. no.	-	Product - Customer Drw			sheet 2 of 5	

PDS: Rev :B

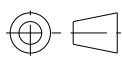
STATUS:Released

Printed: Dec 29, 2014



RECOMMENDED PCB LAYOUT
COMPONENT SIDE
NOTE 6

dr	Not Found DuWa	2010/04/28	projection	MM	size	A2	scale	4:1
eng	De-Ming Lu	2014/12/28			ecn no	ELX-DG-19848-1		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/12/28	product family	-				
FCI		R/A HDR ASSY 3AC-16S-2DC			dwg no	10091479	rev	B
www.fci.com		cat. no.			Product - Customer Drw		sheet 3 of 5	

	1	2	3	4	5	6	7	8	
A									A
B	TOP LAYER DESCRIPTION	TABLE 1 (HCI POWER) PLATED THROUGH-HOLE REQUIREMENTS							
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	NICKEL THICKNESS	GOLD THICKNESS	TIN THICKNESS	SILVER THICKNESS	FINISHED HOLE DIAMETER
	TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	--	--	--	0.65 - 0.80
	IMMERSION TIN	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	0.9 - 1.5um	--	0.70 - 0.80
	IMMERSION SILVER	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	--	0.15 - 0.65um	0.70 - 0.80
	COPPER (SEE NOTE 9)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	--	--	0.70 - 0.80
C	GOLD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	0.003 - 0.007	FLASH UP TO 0.0002	--	--	0.69 - 0.80
	TOP LAYER DESCRIPTION	TABLE 2 (HPC SIGNALS) PLATED THROUGH-HOLE REQUIREMENTS							
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	NICKEL THICKNESS	GOLD THICKNESS	TIN THICKNESS	SILVER THICKNESS	FINISHED HOLE DIAMETER
	TIN-LEAD	1.125-1.175 (Ø.0453±.0010)	0.025-0.050	0.005-0.015	--	--	--	--	0.94 - 1.10 (Ø.040±.003)
	IMMERSION TIN			--	--	--	--	--	
IMMERSION SILVER			--	--	--	--	--		
D	COPPER (SEE NOTE 9)			--	--	--	--		
	GOLD			--			--		
E									
F									F
FCI Copyright FCI. dr eng chr appr Not Found DuWa De-Ming Lu - Pei-Ming Zheng 2010/04/28 2014/12/28 - 2014/12/29 projection  product family size A2 scale 4:1 ecn no ELX-DG-19849-1 rel level Released title R/A HDR ASSY 3AC-16S-2DC HCI POWER CONNECTOR cat. no. - Product Customer Drw sheet 4 of 5 dwg no 10091479 rev B PDS: Rev :B STATUS:Released Printed: Dec 29, 2014									



dr	NotFound DuWa	2010/04/28	projection 	MM 	size	A2	scale	4:1	
eng	De-Ming Lu	2014/12/28			ecn no		ELX-DG-19849-1		
chr	-	-			rel level		Released		
appr	Pei-Ming Zheng	2014/12/29			product family		-		
FCi		title	R/A HDR ASSY 3AC-16S-2DC HCI POWER CONNECTOR		dwg no	10091479		rev	B
www.fci.com		cat. no.		-		Product - Customer Drw		sheet 4 of 5	

1

2

3

4

5

6

7

8

PART NUMBER	RETENTION CLIPS	#4 SCREW	DIM A (TAIL LENGTH)	TAIL TYPE
I009I479-001LF	NO	YES	3.43	SOLDER TAIL
I009I479-002LF	NO	YES	4.70	SOLDER TAIL
I009I479-003LF	YES	NO	3.43	SOLDER TAIL
I009I479-004LF	YES	NO	4.70	SOLDER TAIL

NOTES:

1.

CONNECTOR MATERIALS:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK
UL 94V-0 COMPLIANT
CONTACTS: HIGH PERFORMANCE COPPER ALLOY

2.

CONTACT FINISH (REF. GS-12-380 SECTION 5.2)

3.

PRODUCT SPECIFICATION: GS-12-380.

4.

APPLICATION SPECIFICATION: GS-20-070.

5.

PRODUCT MARKING (PRODUCT NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.

6.

MINIMUM NOMINAL PCB THICKNESS: 1.6mm

7.

PACKAGING MEETS FCI SPECIFICATION GS-14-1073.

8.

HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C
PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED,
OR VAPOR PHASE REFLOW OVEN.

9.

COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE
NO MORE THAN 0.003 LESS THAN OTHER AREAS.

10.

ALL HOLE SIZES ARE FINISHED HOLE SIZES.

11.

MOUNTING HOLES ARE UNPLATED.

dr	NotFound DuWa	2010/04/28	projection MM	size	A2	scale	1:1		
eng	De-Ming Lu	2014/12/28		ecm no	ELX-DG-19849-1				
chr	-	-			rel level	Released			
appr	Pei-Ming Zheng	2014/12/29							
FCI www.fci.com			title	R/A HDR ASSY 3AC-16S-2DC HCI POWER CONNECTOR		dwg no	I009I479	rev	B
cat. no.			-		Product - Customer Drw		sheet 5 of 5		

PDS: Rev :B

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Printed: Dec 29, 2014

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FCI

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<http://moschip.ru/get-element>

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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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