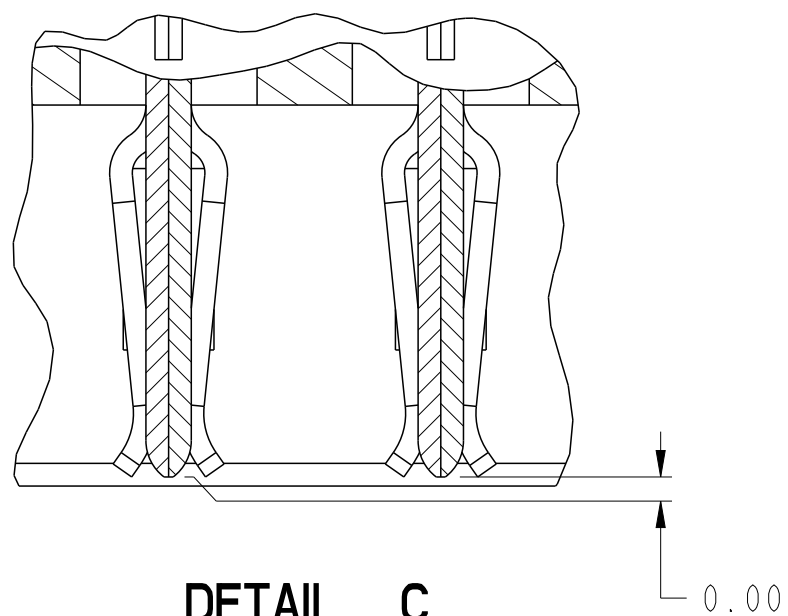
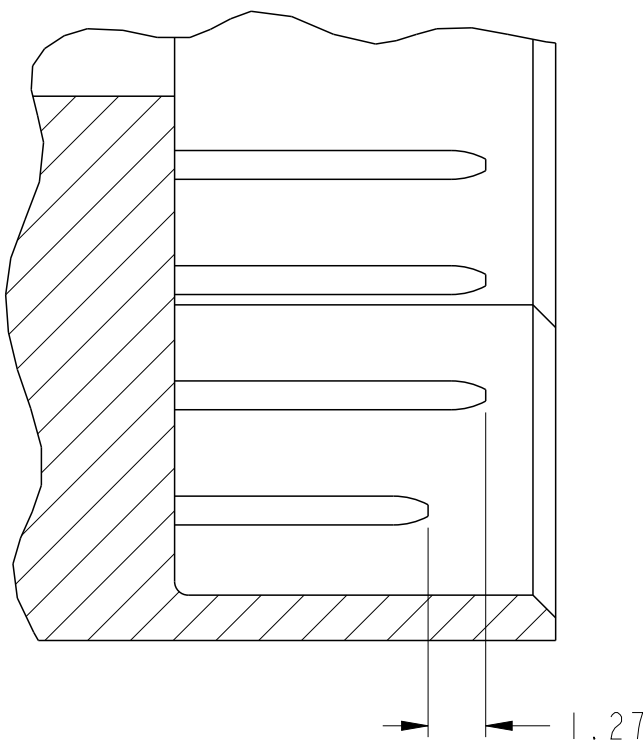
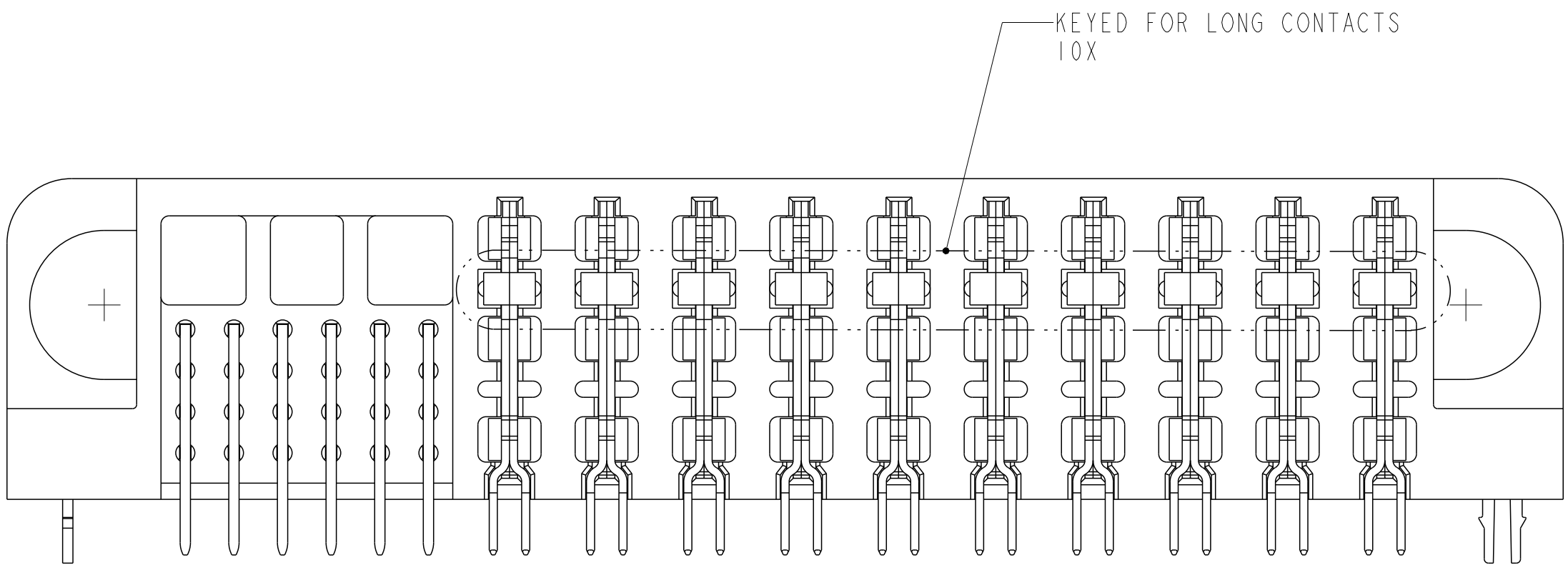




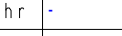
DETAIL C
SCALE 6:1
POWER MATING
SEQUENCE



SECTION W-W
SCALE 6:1
SIGNAL MATING
SEQUENCE



VIEW G-G

dr	Not/Found Du/Wa	2010/04/28	projection 	MM 	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		HCI				
	title	R/A HEADER ASSY 10DC-24S			dwg no	10088054		rev	
		HCI POWER CONNECTOR				C			
www.fci.com		cat. no.	-	Product - Customer Drw			sheet 2 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
PDS: Rev :C		STATUS:Released		Printed: Dec 30, 2014					

dr	NotFound DuWa	2010/04/28	projection 	MM	size	scale		
eng	De-Ming Lu	2014/12/28			A2	1:1		
chr	-	-			ecn no	ELX-DG-19849-1		
appr	Pei-Ming Zheng	2014/12/29			product family	HCI	rel level	Released
FCi		title	R/A HEADER ASSY 10DC-24S HCI POWER CONNECTOR		dwg no	10088054	rev	C
www.fci.com		cat. no.	-	Product - Customer Drw			sheet 4 of 5	

1

2

3

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8

PART NUMBER	RETENTION CLIPS	#4 SCREW	DIM A ±0.25 (TAIL LENGTH)	TAIL TYPE
I0088054-001LF	NO	YES	3.43	SOLDER TAIL
I0088054-002LF	NO	YES	4.70	SOLDER TAIL
I0088054-003LF	YES	NO	3.43	SOLDER TAIL
I0088054-004LF	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. (IN PROGRESS)

4.

APPLICATION SPECIFICATION: GS-20-070. (IN PROGRESS)

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.

FCI

Copyright FCI.

dr

NotFound DuWa

2010/04/28

eng

De-Ming Lu

2014/12/28

chr

-

-

appr

Pei-Ming Zheng

2014/12/29

projection

MM

size

A2

scale

1:1

ecn no

ELX-DG-19849-1

product family

HCI

rel level

Released

FCI

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title

R/A HEADER ASSY 10DC-24S

HCI POWER CONNECTOR

cat. no.

-

Product - Customer Drw

sheet 5 of 5

dwg no

I0088054

rev

C

PDS: Rev :C

STATUS:Released

Printed: Dec 30, 2014