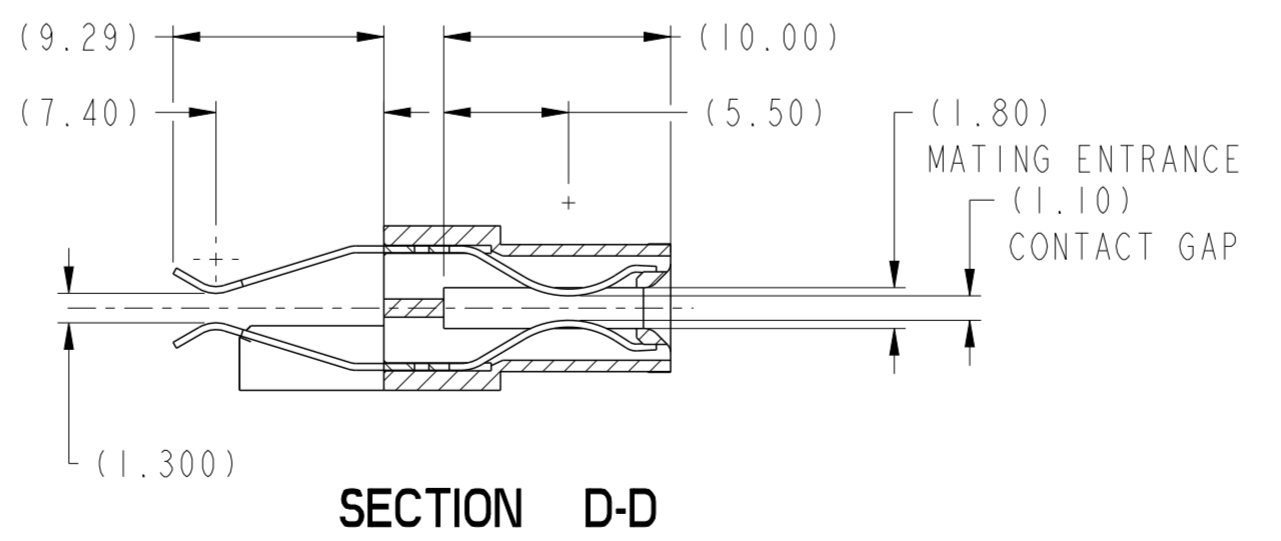
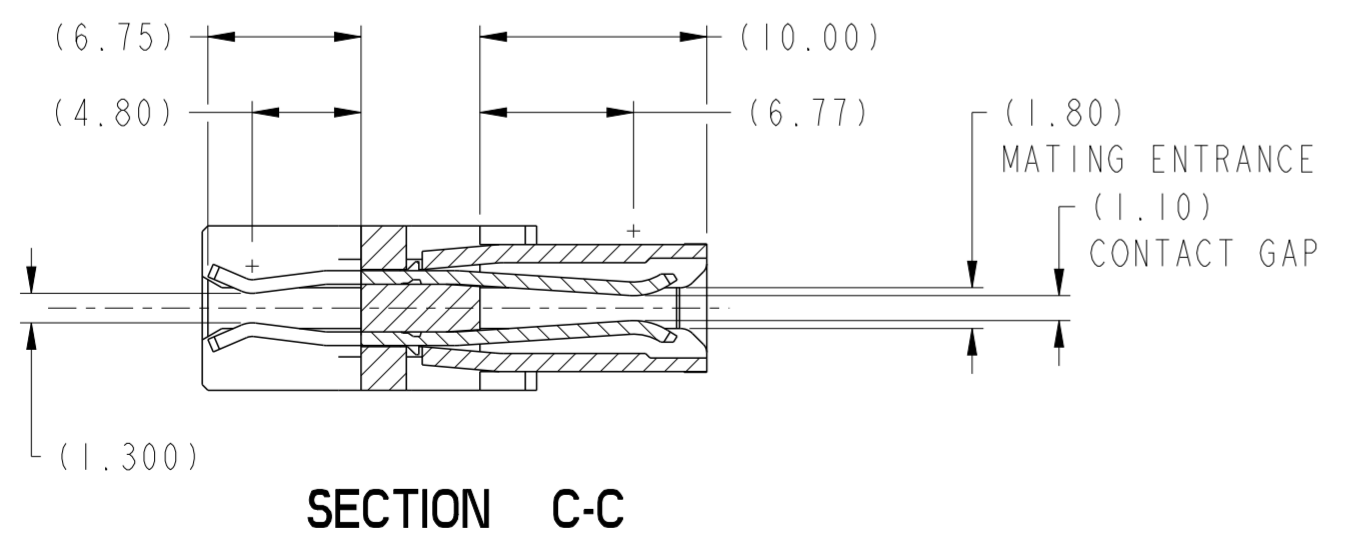
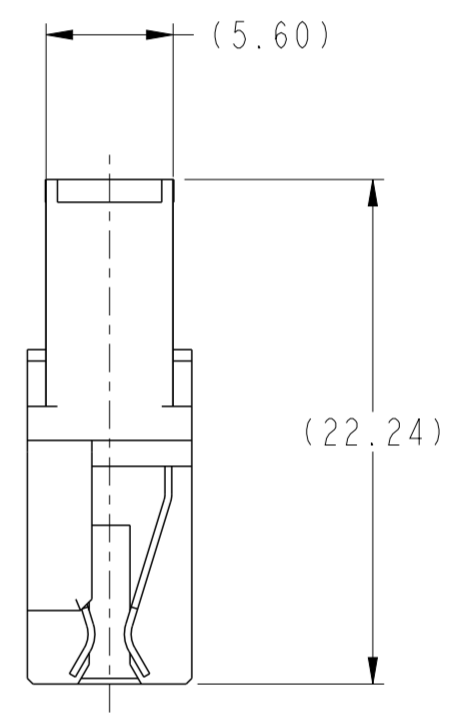
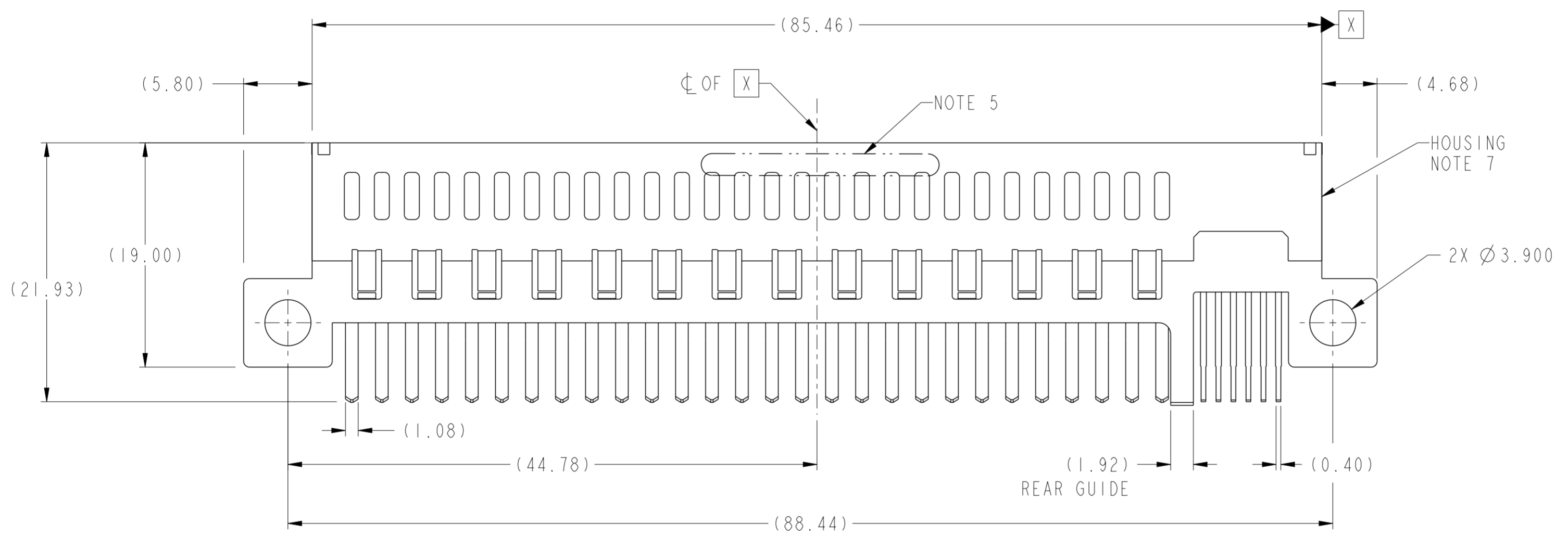
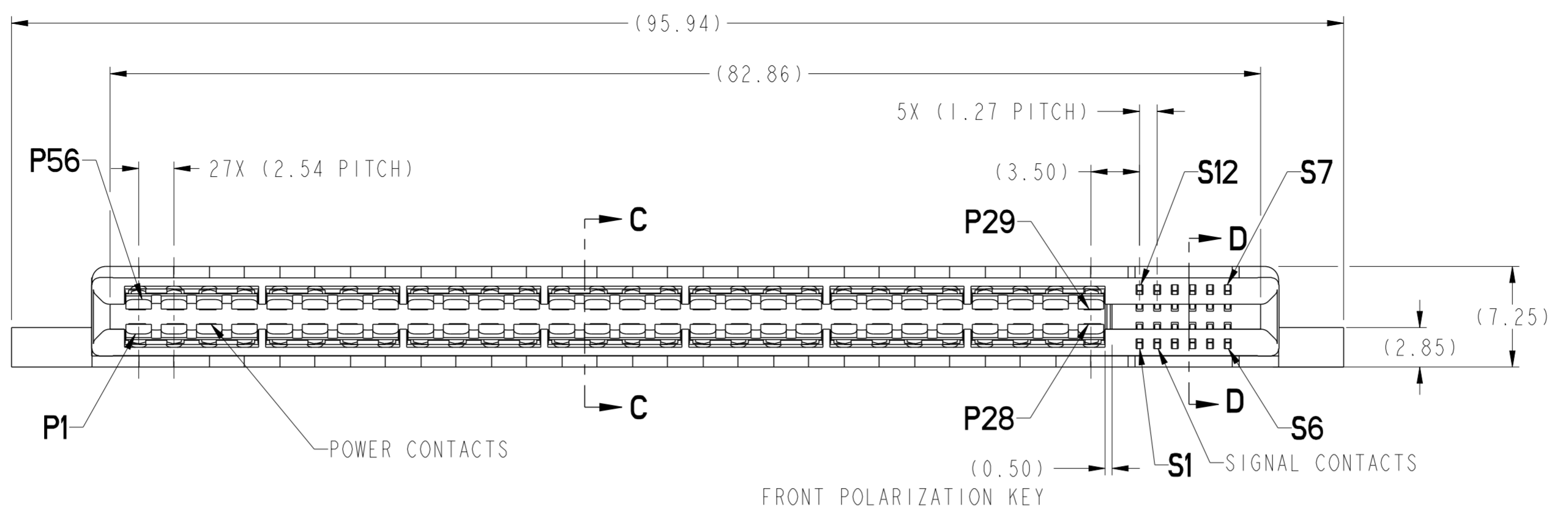


FCI CONFIDENTIAL



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.



rev	ecn no	dr	date
A	---	MS	2010-05-24
B	ELX-DG-008380-1	HZ	2011-12-1
C	ELX-DG-010245-1	WL	2012-02-10
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

TOLERANCES UNLESS OTHERWISE SPECIFIED		tolerance std
linear	X, ±	ASME Y14.5
	0.X ±0.3	
	0.XX ±0.1	
	0.XXX ±0.05	
	0.XXXX ±	
angular	0° ±°	ASME Y14.5

material	-	dr	Hung Ngo	2010/05/10
mat code	-	eng	Wei-Long Zhang	2012/02/10
heat treat	-	chr	-	-
plating/finish	-	appr	Pei-Ming Zheng	2012/02/10
spec ref	-			
model name	10114865			
model revision	G			

projection	MM	size	A2	scale	3:1
ecn no	ELX-DG-010245-1	rel level	Released		
product family	CARD EDGE	title	RECEPTACLE (56P-12S)	dwg no	10114865
			HPCE - (STRADDLE MOUNT)	rev	C

www.fci.com	cat. no.	Product - Customer Drw	sheet 1 of 4
-------------	----------	------------------------	--------------

PDS: Rev :C

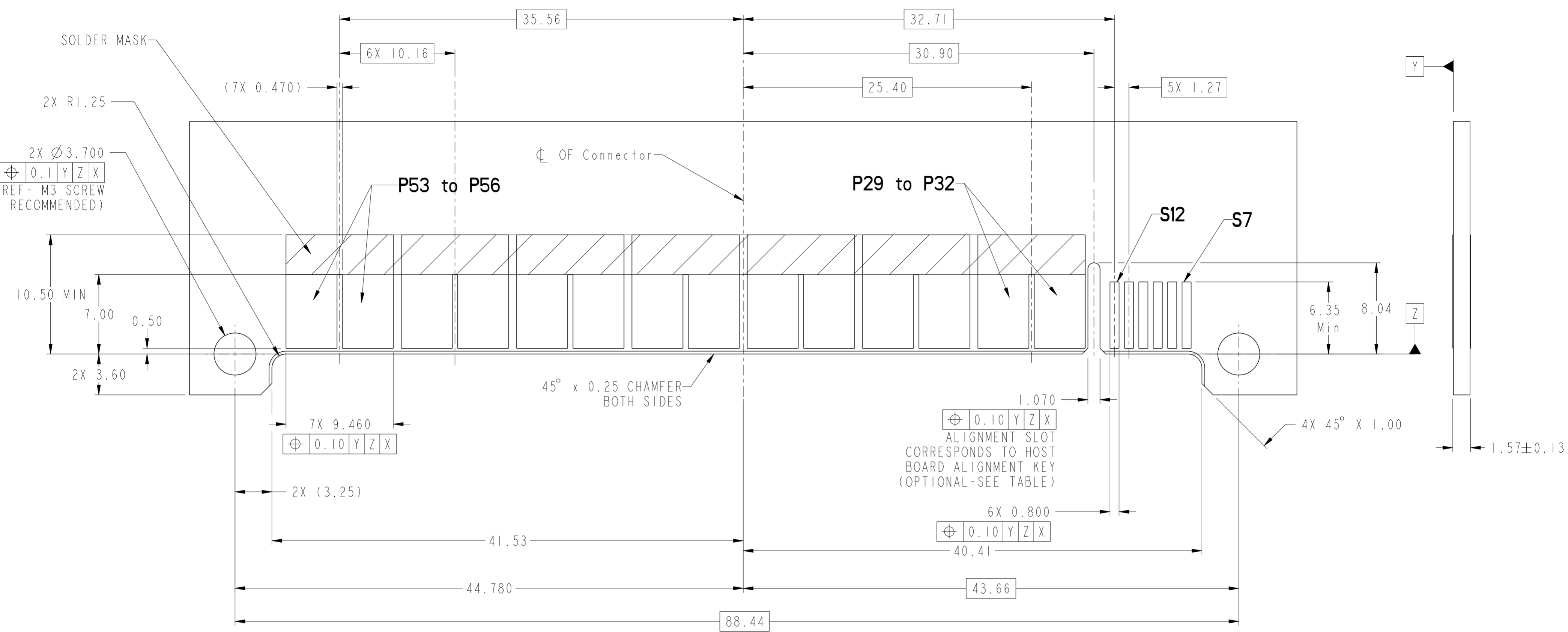
STATUS:Released

Printed: Feb 10, 2012

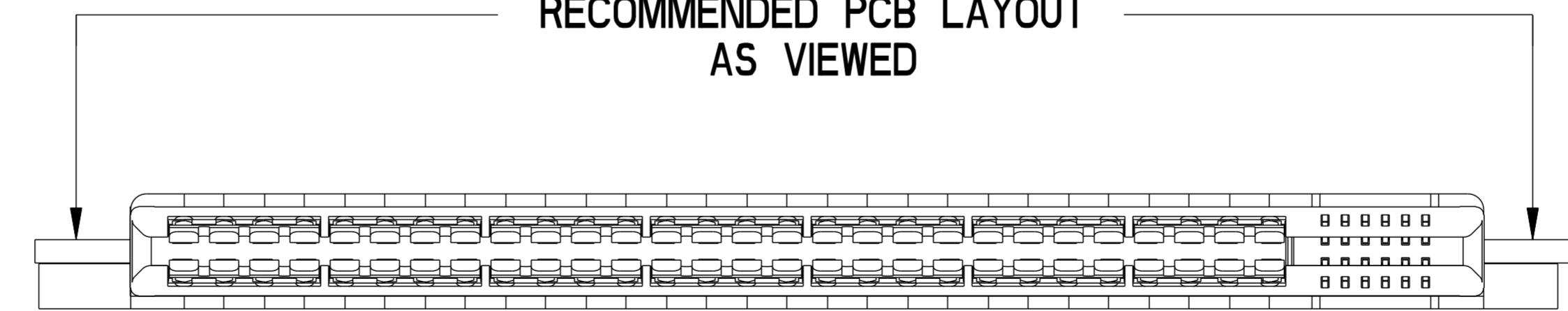
FCI CONFIDENTIAL



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

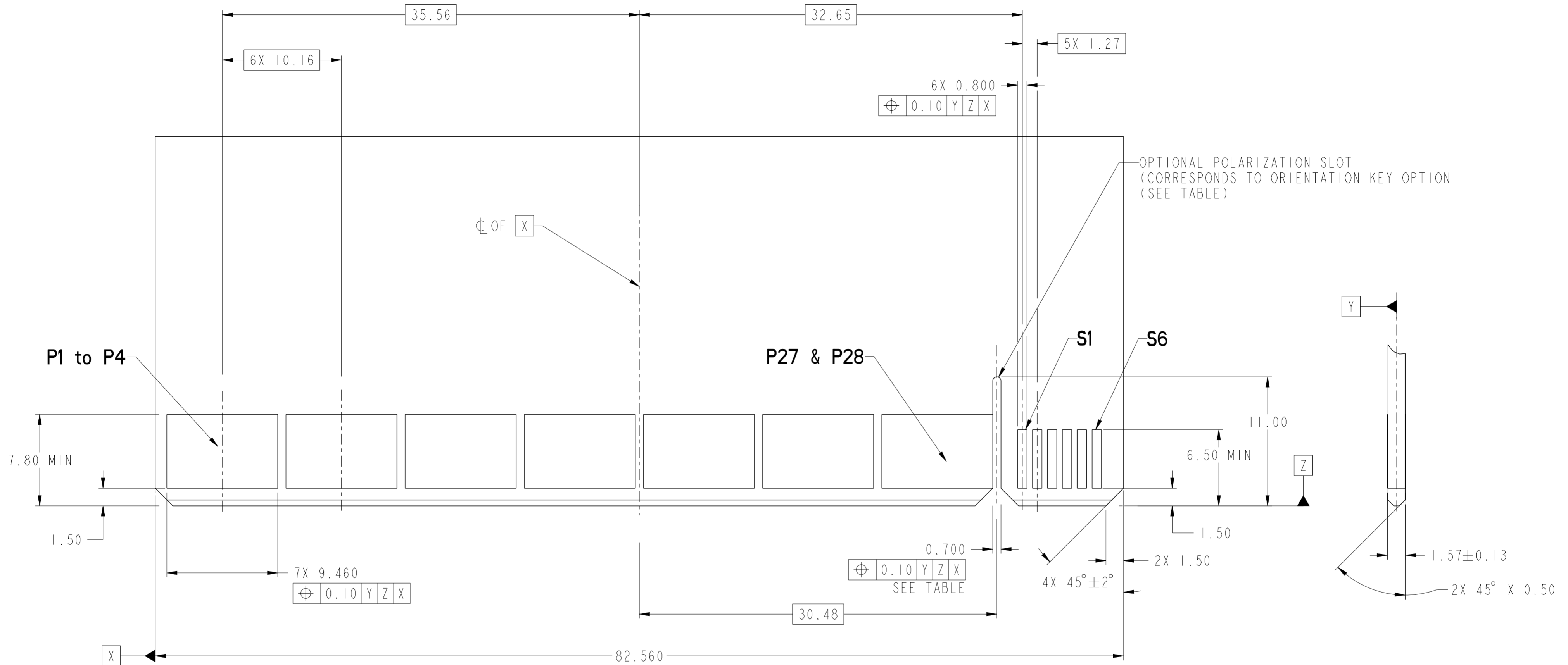


RECOMMENDED PCB LAYOUT AS VIEWED




TOLERANCES UNLESS OTHERWISE SPECIFIED		tolerance std	material	dr	2010/05/10	projection	MM	size	scale	
linear	X.	±	-	Hung Ngo	2010/05/10		MM	A2	3:1	
	0.X	±0.3	ASME Y14.5	eng	Wei-Long Zhang					2012/02/10
	0.XX	±0.1	surface	heatreat	chr	-	ecn no	ELX-DG-010245-1		
	0.XXX	±0.05		plating/finish	appr	Pai-Ming Zheng	2012/02/10	rel level	Released	
0.XXXX	±	ASME Y14.5	spec ref	-	FCI	product family	CARD EDGE	div no	10114865	
angular	0°	±°	ASME Y14.5	model name	10114865	www.fci.com	title	RECEPTACLE (56P-12S)	rev	C
				model revision	G			HPCE - (STRADDLE MOUNT)		
								Product - Customer Drw	sheet 2 of 4	

FCI CONFIDENTIAL



**RECOMMENDED MATING BOARD
FOOTPRINT**



 This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

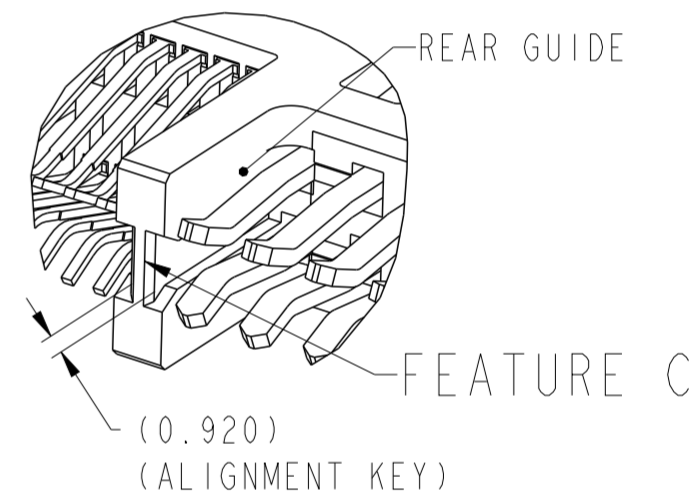
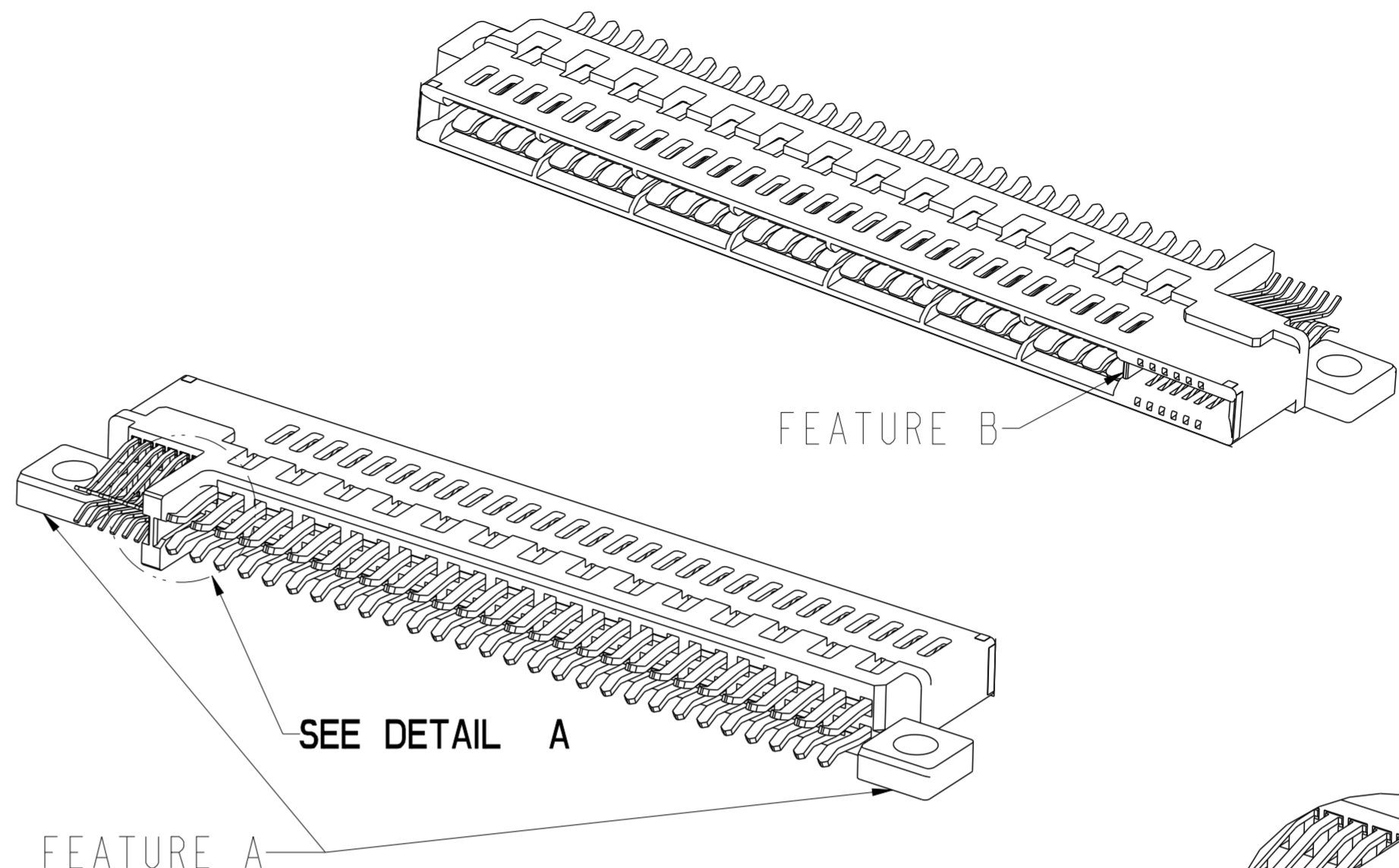
TOLERANCES UNLESS OTHERWISE SPECIFIED		tolerance std	material	-	dr	Hung Ngo	2010/05/10	projection	MM	size	A2	scale	4:1
linear	X.	±	mat code	-	eng	Wei-Long Zhang	2012/02/10			ecn no			ELX-DG-010245-1
	0.X	±0.3	heatreat	-	chr	-	rel level			Released			
	0.XX	±0.1	plating/finish	-	appr	Pai-Ming Zheng	2012/02/10	product family			CARD EDGE		
	0.XXX	±0.05	surface	-			title RECEPTACLE (56P-12S) HPCE - (STRADDLE MOUNT)		divg no 10114865		rev C		
0.XXXX	±	ASME Y14.5	model name	10114865	model revision	G	www.fci.com	cat. no.	-	Product - Customer Drw		sheet 3 of 4	
angular	0°	±°	ASME Y14.5										

PDS: Rev :C

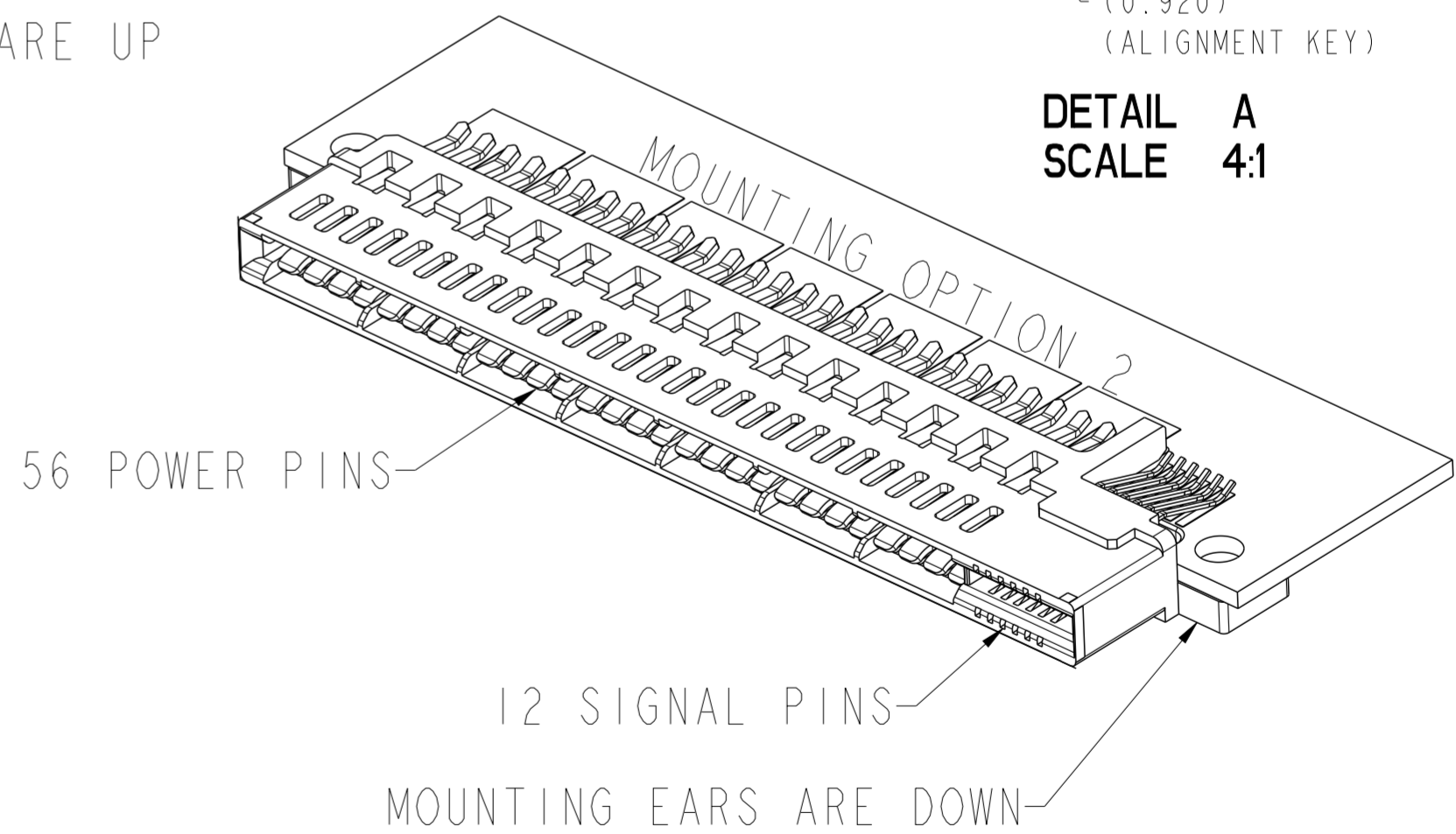
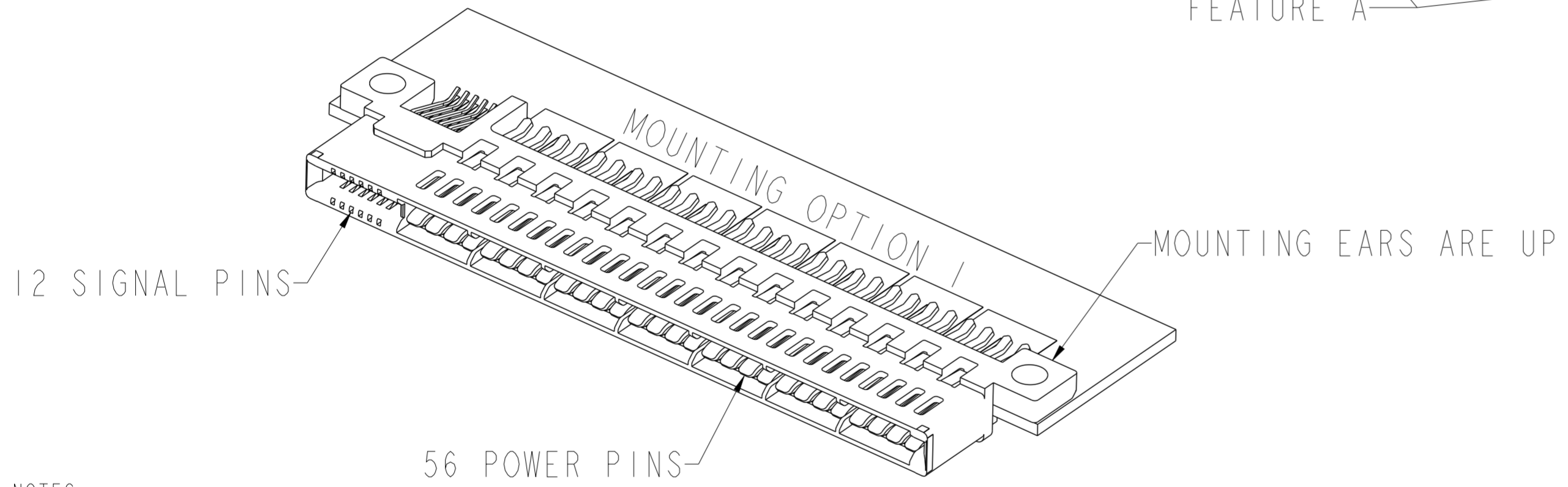
STATUS: Released

Printed: Feb 10, 2012

PART NUMBER	FEATURE C HOST BOARD ALIGNMENT KEY (SEE NOTE 8)	FEATURE A MOUNTING EARS	FEATURE B FRONT POLARIZATION KEY
10114865-002LF	YES	YES	YES
10114865-004LF		NO	YES



DETAIL A
SCALE 4:1



- NOTES:
- CONNECTOR MATERIALS:
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
UL 94V-0 COMPLIANT
CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
 - CONTACT FINISH REF. GS-12-604 SECTION 5.2.
 - PRODUCT SPECIFICATION: GS-12-604.
 - APPLICATION SPECIFICATION: GS-20-128.
 - PRODUCT MARKING (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
 - PACKAGING MEETS FCI SPECIFICATION GS-14-937.
 - HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
 - HOST BOARD ALIGNMENT KEY IS DESIGNED TO ENSURE PROPER ALIGNMENT OF SOLDER TAILS WITH HOST BOARD PADS.

TOLERANCES UNLESS OTHERWISE SPECIFIED		tolerance std	material	dr	2010/05/10	projection	MM	size	scale	
linear	X.	±	-	Hung Ngo	2010/05/10	⊕	MM	A2	4:1	
	0.X	±0.3	ASME Y14.5	eng	Wei-Long Zhang					2012/02/10
	0.XX	±0.1	surface	heatreat	chr	-	ecn no	ELX-DG-010245-1		
	0.XXX	±0.05		plating/finish	appr	Pei-Ming Zheng	2012/02/10	rel level	Released	
0.XXXX	±	ASME Y14.5	spec ref	-	FCI	product family	CARD EDGE	rel level	Released	
angular	0°	±°	model name	10114865	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 4 of 4	
			model revision	G	RECEPTACLE (56P-12S)		HPCE - (STRADDLE MOUNT)	10114865	rev	C

FCI CONFIDENTIAL

FCI
This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.