

spec ref	-	dr	Eric Jiang	2013/06/04	projection	MM	size	A2	scale	3:1	
tolerance std	ASME Y14.5	eng	De-Ming Lu	2013/09/26			ecn no	-	rel level	Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	product family							HPCE
surface	linear	appr	Pei-Ming Zheng	2013/09/26							HPCE
ASME Y14.5	angular	0°	±2°	0.X ±0.50	0.XX ±0.25	0.XXX ±0.10	FCI	RECEPTACLE (28P-12S-24P)	HPCE - (STRADDLE MOUNT)	10125909	
				www.fci.com	cat. no.	-	Product - Customer Drw	sheet 1 of 4	rev	A	

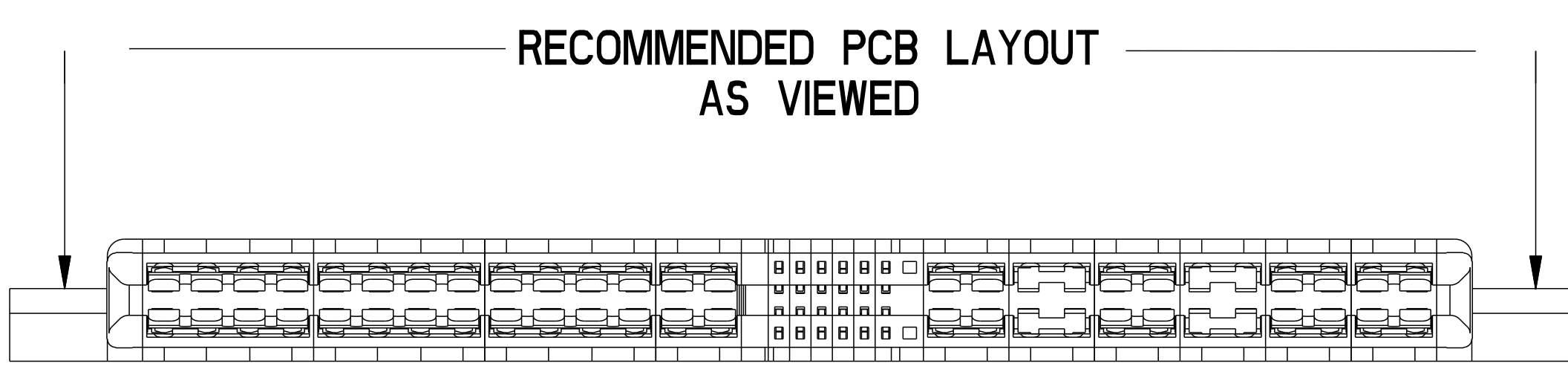
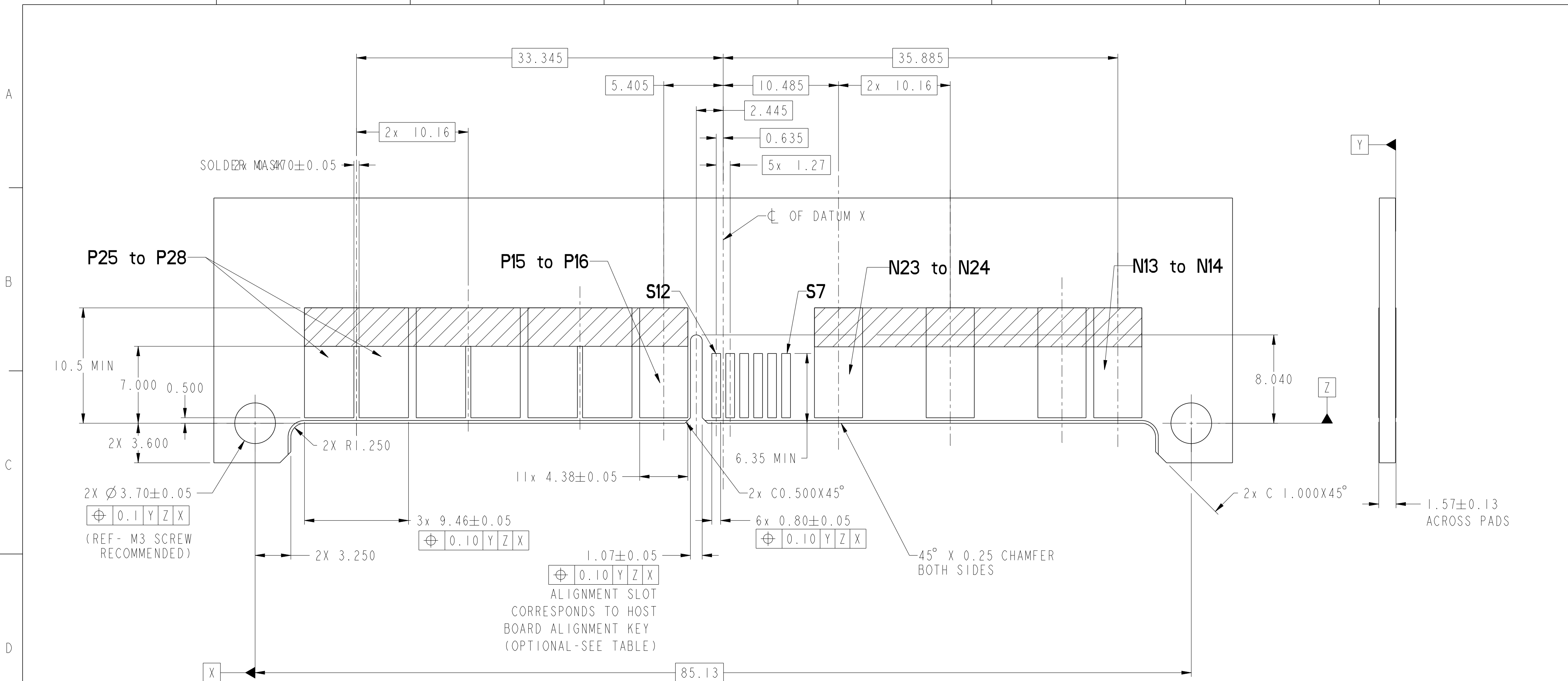
PDS: Rev :A

STATUS:Released

Printed: Sep 26, 2013



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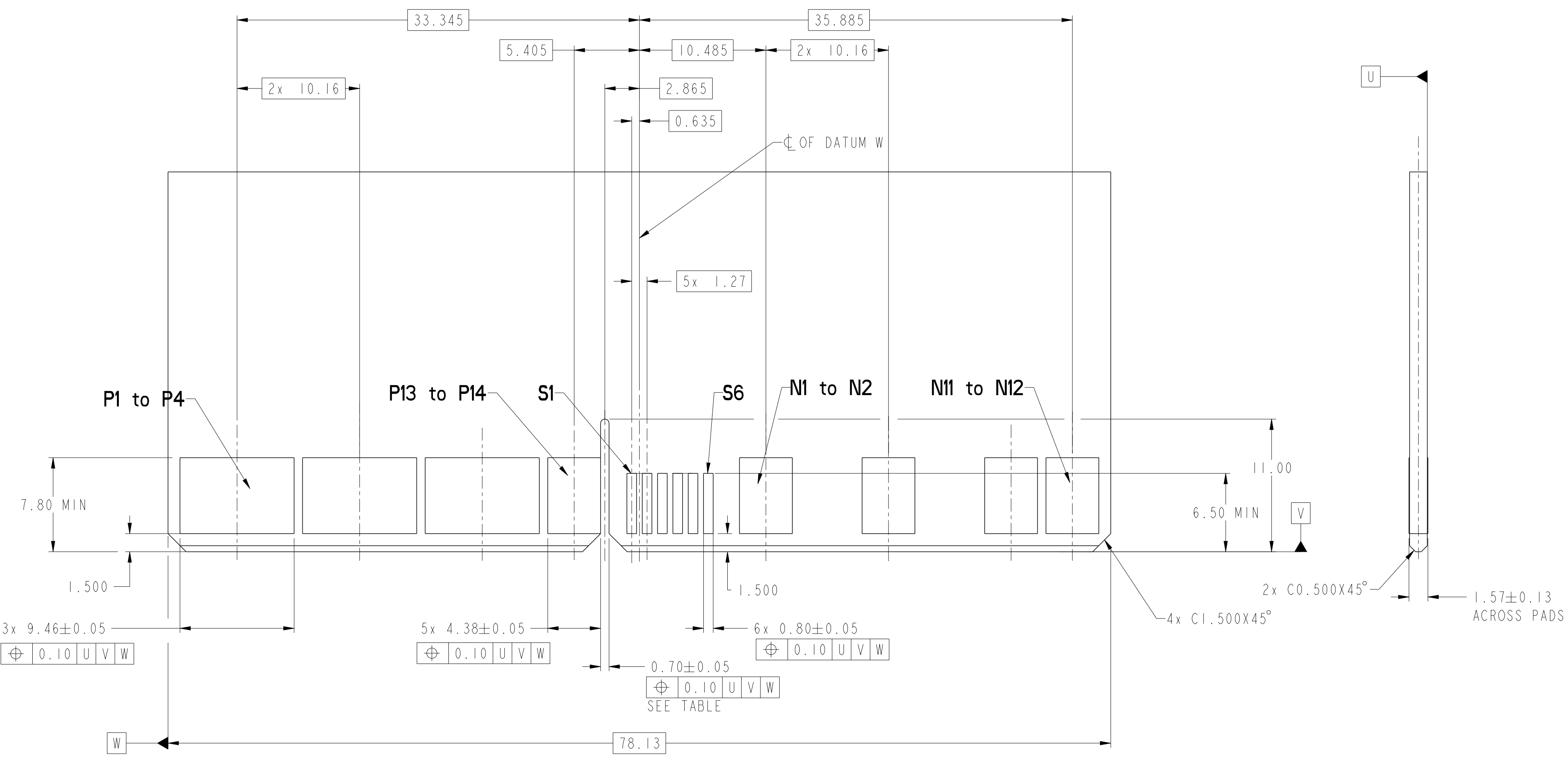
spec ref	-	dr	Eric Jiang	2013/06/04	projection	MM	size	A2	scale	3:1	
tolerance std	ASME Y14.5	eng	De-Ming Lu	2013/09/26	chr	-	ecn no	-	rel level	Released	
surface	✓	appr	Pei-Ming Zheng	2013/09/26	product family	HPCE	rel level	Released	title	RECEPTACLE (28P-12S-24P)	
ASME Y14.5	linear	0.X	±0.50	0.XX	±0.25	0.XXX	±0.10	angular	0°	±2°	
		www.fci.com		cat. no.		Product - Customer Drw		sheet 2 of 4		rev	A

PDS: Rev :A

STATUS:Released

Printed: Sep 26, 2013

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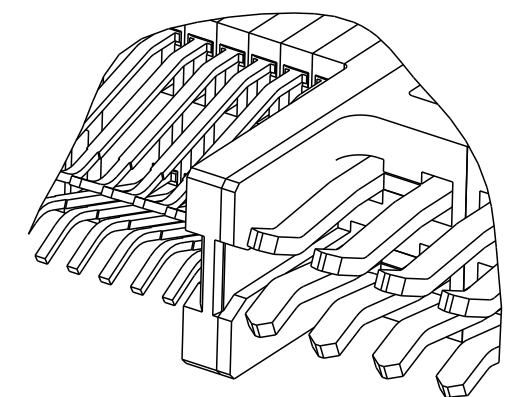
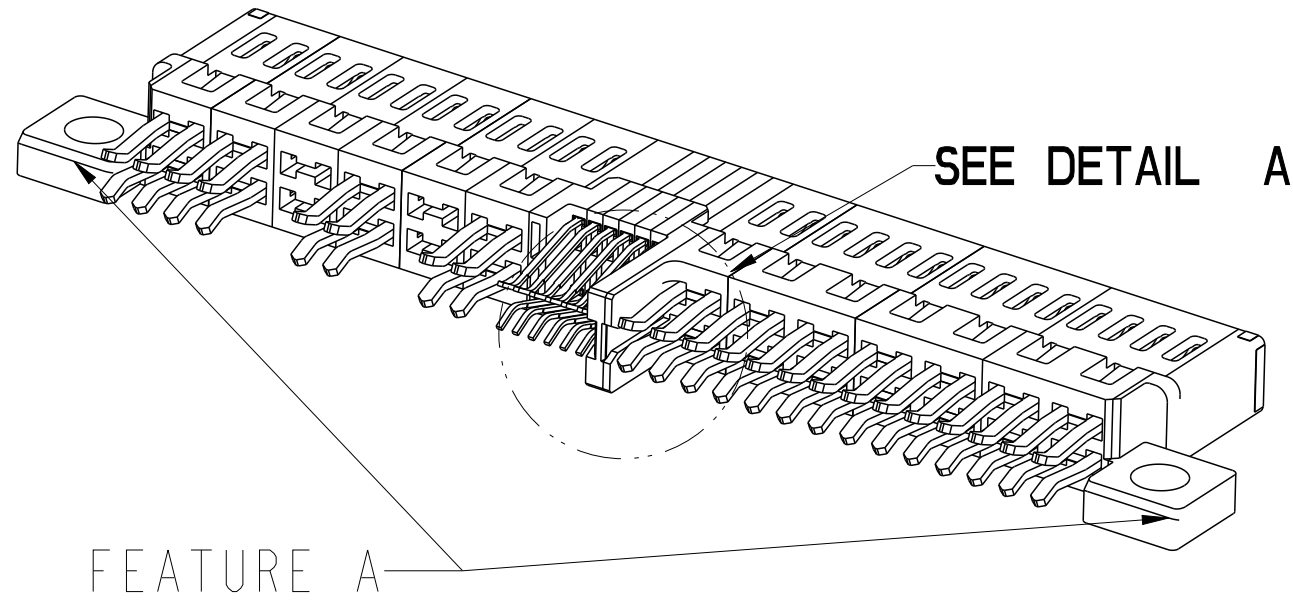
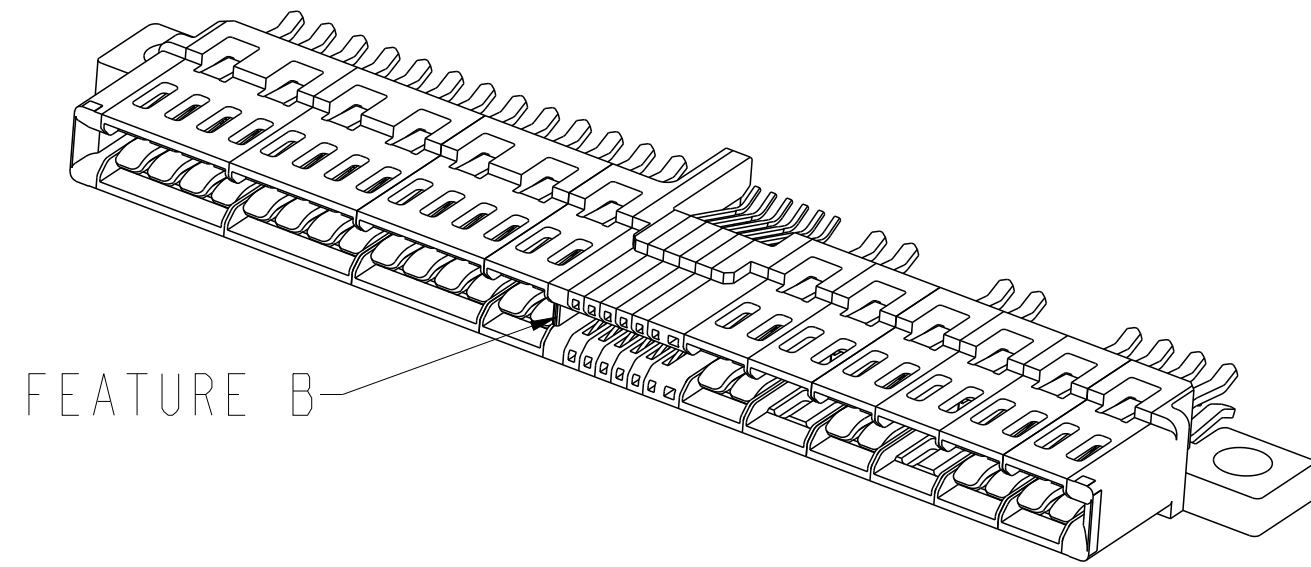


**RECOMMENDED MATING BOARD
FOOTPRINT**

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spec ref	-	dr	Eric Jiang	2013/06/04	projection	MM	size	A2	scale	4:1	
tolerance std	ASME Y14.5	eng	De-Ming Lu	2013/09/26			ecn no	-	rel level		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	product family			HPCE	rel level	Released		
surface	ASME Y14.5	appr	Pei-Ming Zheng	2013/09/26			title	RECEPTACLE (28P-12S-24P)	dwg no	10125909	
linear	0.X ±0.50 0.XX ±0.25 0.XXX ±0.10	www.fci.com		cat. no.	-	Product	Customer Drw	sheet	3 of 4	rev	A
angular	0° ±2°	PDS: Rev :A		STATUS:Released		Printed: Sep 26, 2013					

PART NUMBER	FEATURE C HOST BOARD ALIGNMENT KEY (SEE NOTE 8)	FEATURE A MOUNTING EARS	FEATURE B FRONT POLARIZATION KEY
10125909-001LF	NO	YES	NO
10125909-002LF	NO		YES
10125909-003LF	YES		NO
10125909-004LF	YES		YES



FEATURE C

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 RECOMMENDED TO ENSURE PROPER ALIGNMENT OF SOLDER TAILS WITH HOST BOARD PADS.

spec ref	-	dr	Eric Jiang	2013/06/04	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	De-Ming Lu	2013/09/26			ecn no	-	rel level	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	product family			HPCE	rel level	Released	
surface	linear	appr	Pei-Ming Zheng	2013/09/26			title	RECEPTACLE (28P-12S-24P)	dwg no	10125909
	angular	www.fci.com		cat. no.	-	Product - Customer Drw	rev	A	sheet 4 of 4	