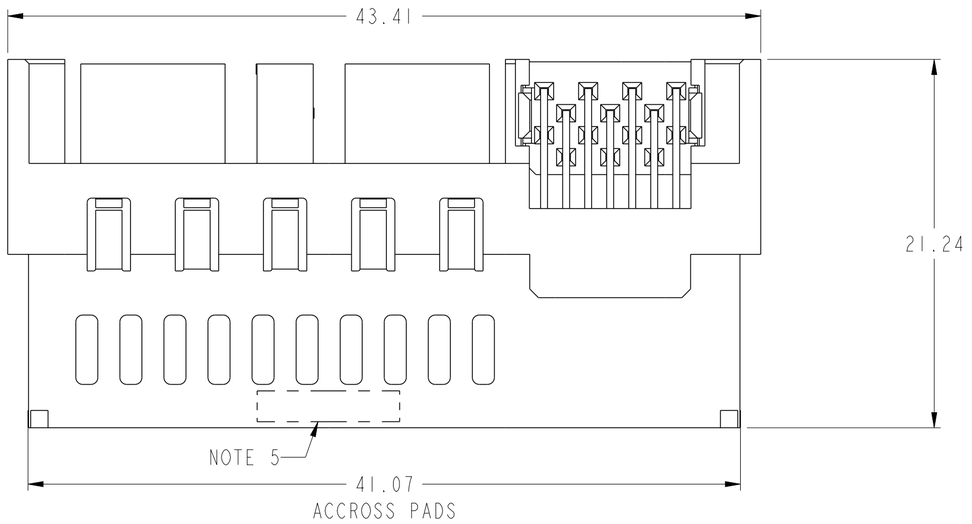
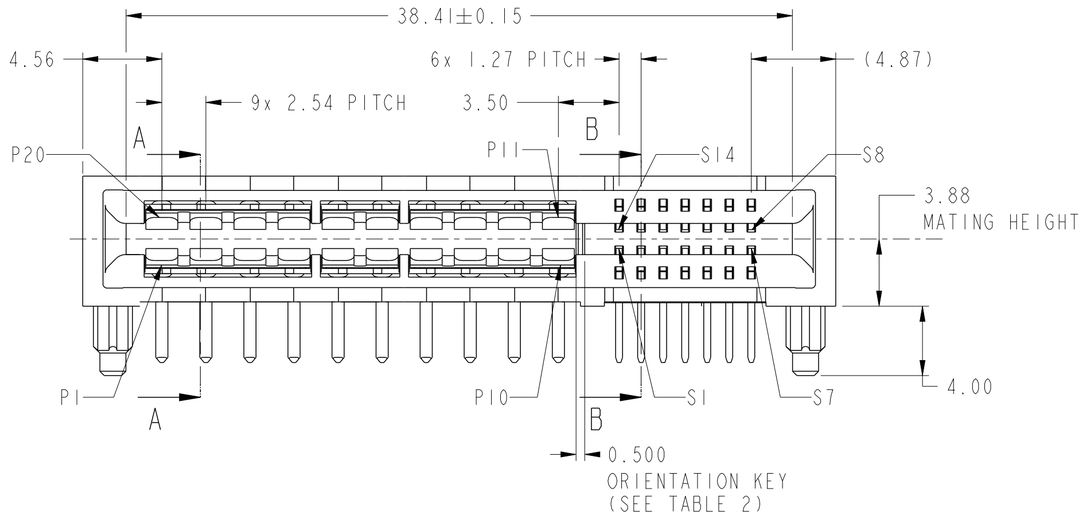
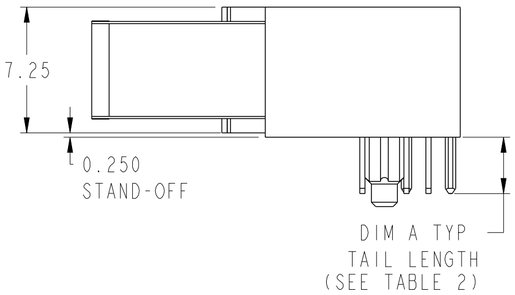
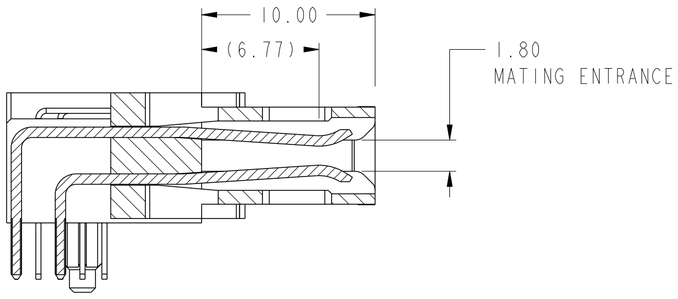
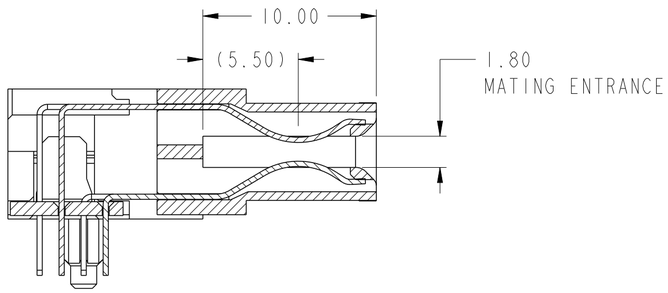








SECTION A-A
SCALE 4:1

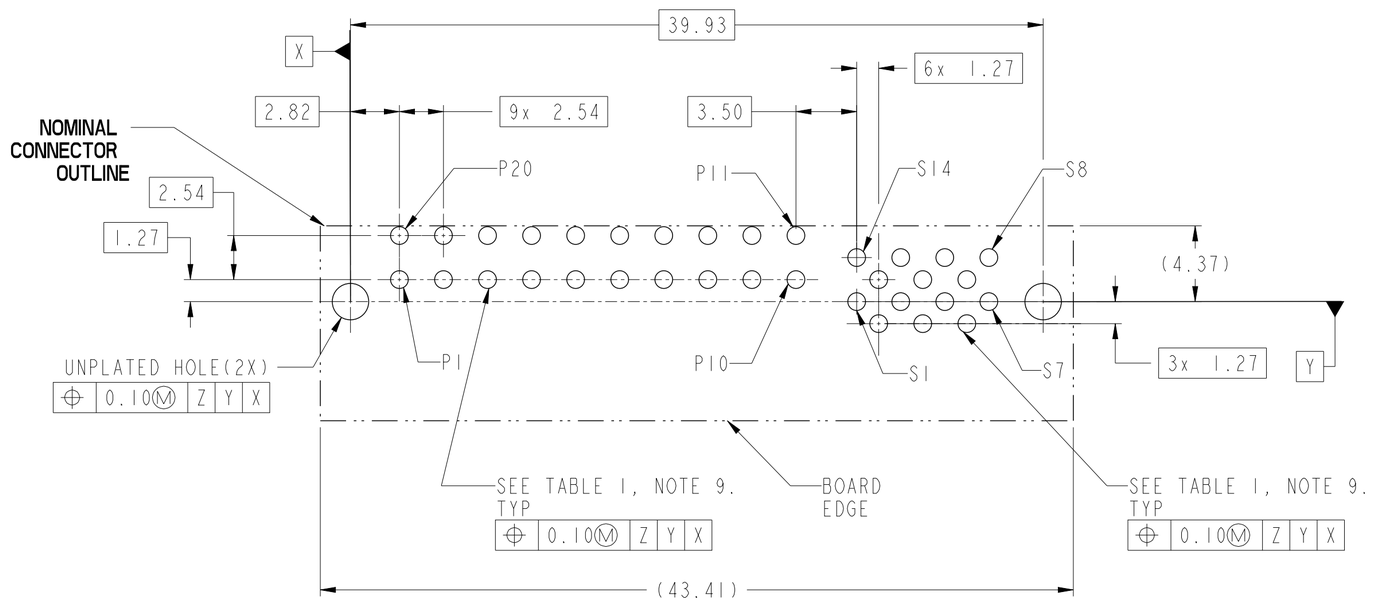


SECTION B-B
SCALE 4:1

spec ref -				dr	Eric Jiang	2013/05/14	projection	MM	size A2	scale 4:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Hai-Ling Liu	2014/12/04			ecn no -
				chr	-	-			
				appr	Pei-Ming Zheng	2014/12/04	product family		rel level Released
surface ASME Y14.5	linear	0.X	±0.5	FCI www.fci.com	title R/A RECEPTACLE 20P14S HIGH POWER CARD EDGE		dwg no 10125026		rev A
		0.XX	±0.25						
		0.XXX	±0.10						
	angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw		sheet 1 of 4

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CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.94 - 1.10
	COPPER (SEE NOTE 8)	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	--	0.94 - 1.10

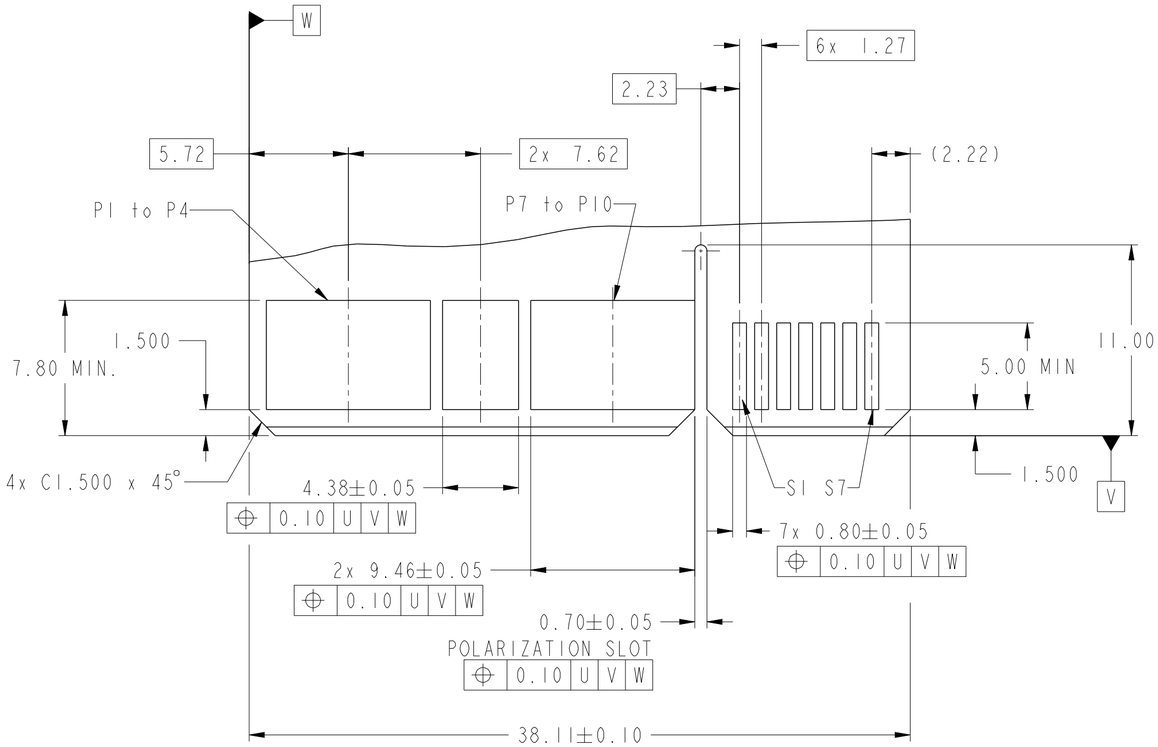


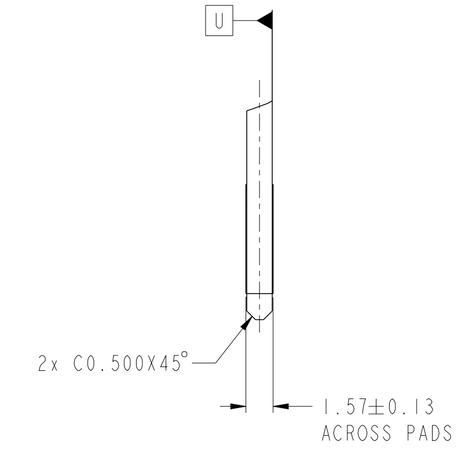
RECOMMENDED PCB LAYOUT

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eng	Hai-Ling Liu	2014/12/04			ecn no -
chr	-	-			
appr	Pei-Ming Zheng	2014/12/04	product family		rel level Released

www.fci.com	title: R/A RECEPTACLE 20P14S HIGH POWER CARD EDGE	dwg no 10125026	rev A
	cat. no.	Product - Customer Drw	sheet 2 of 4





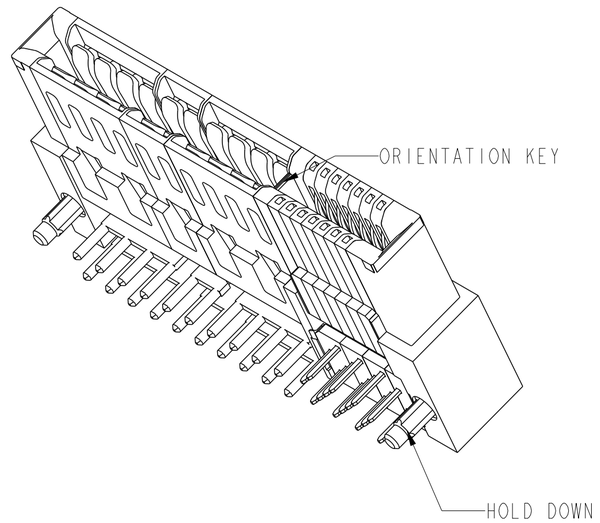
RECOMMENDED MATING BOARD FOOT PRINT

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eng	Hai-Ling Liu	2014/12/04				
chr	-	-			ecn no	-
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	cat. no.		Product - Customer Drw			sheet 3 of 4

TABLE 2

PART NUMBER	TAIL TYPE	ORIENTATION KEY	HOLD DOWN	DIM A±0.25 TAIL LENGTH
10125026-001LF	SOLDER TAIL	YES	YES	3.25
10125026-002LF			NO	3.25
10125026-003LF			YES	2.60
10125026-004LF			NO	2.60
10125026-005LF		NO	YES	3.25
10125026-006LF			NO	3.25
10125026-007LF			YES	2.60
10125026-008LF			NO	2.60



NOTES:

1. CONNECTOR MATERIALS:

   HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
   UL 94V-0 COMPLIANT
   CONTACTS: HIGH PERFORMANCE COPPER ALLOY.

2. CONTACT FINISH REF. GS-12-604 SECTION 5.2.

3. PRODUCT SPECIFICATION: GS-12-604.

4. APPLICATION SPECIFICATION: GS-20-128.

5. PRODUCT MARKING (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.

6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.

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

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

9. ALL HOLE SIZES ARE FINISHED HOLE SIZES.

10. MOUNTING HOLES ARE UNPLATED
    Ø 2.18 +/- 0.03 FOR SOLDER TAILS

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eng	Hai-Ling Liu	2014/12/04			ecn no -
chr	-	-			
appr	Pei-Ming Zheng	2014/12/04	product family		rel level Released

www.fci.com	title: R/A RECEPTACLE 20P14S HIGH POWER CARD EDGE	dwg no 10125026	rev A
cat. no.	Product - Customer Drw		sheet 4 of 4

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Amphenol:

67996-204HLF 68001-108HLF 86093968191755E3LF D15P13A6RV12LF RJSBE5080C2 86093488314745V1LF DEM09P032N LD25S33E4GV00LF 86093967896755LF CD15S13E4RV09LF DCMF37P 54202-G0805CLF 65781-158 863013A 95157-140LF DAPO15S365TLF LD15P33E4GV00LF RJE061661210 68002116HLF 70234-112LF 86130202123355E1LF 54202-S08-07LF 68000-236HLF 68001-200HLF 69192-408HLF 76384-316LF 70218-1116LF 70430-164LF 86093968813H45V1LF 91614-403ALF