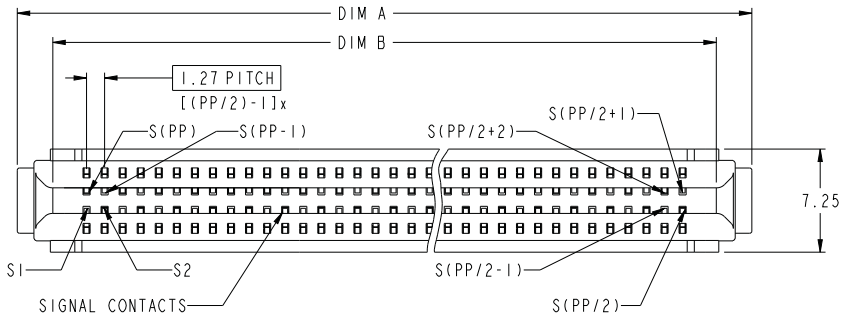
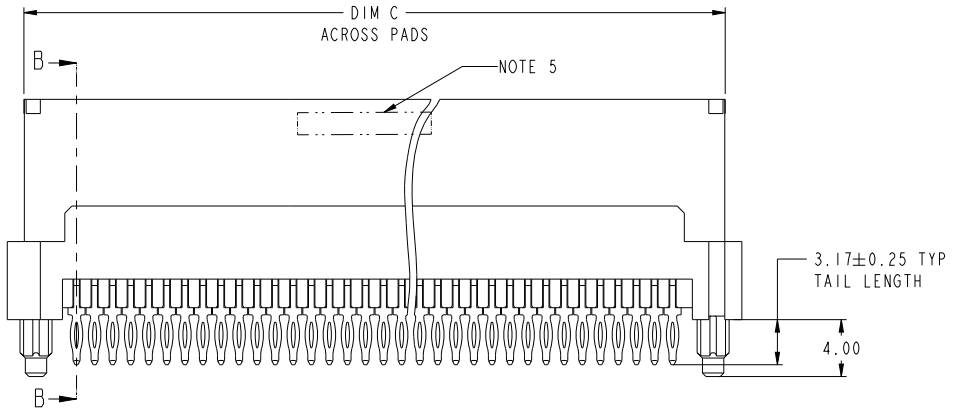
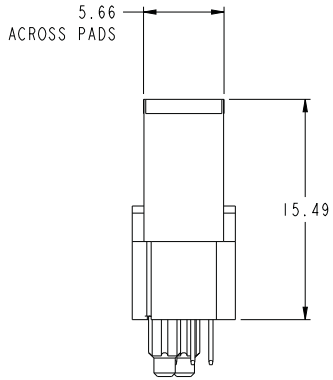
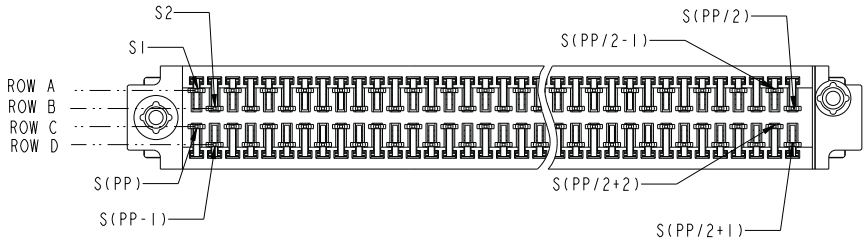
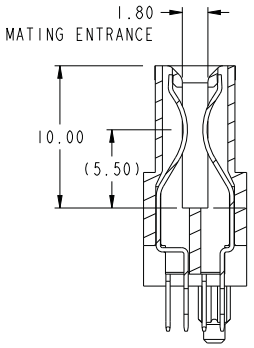










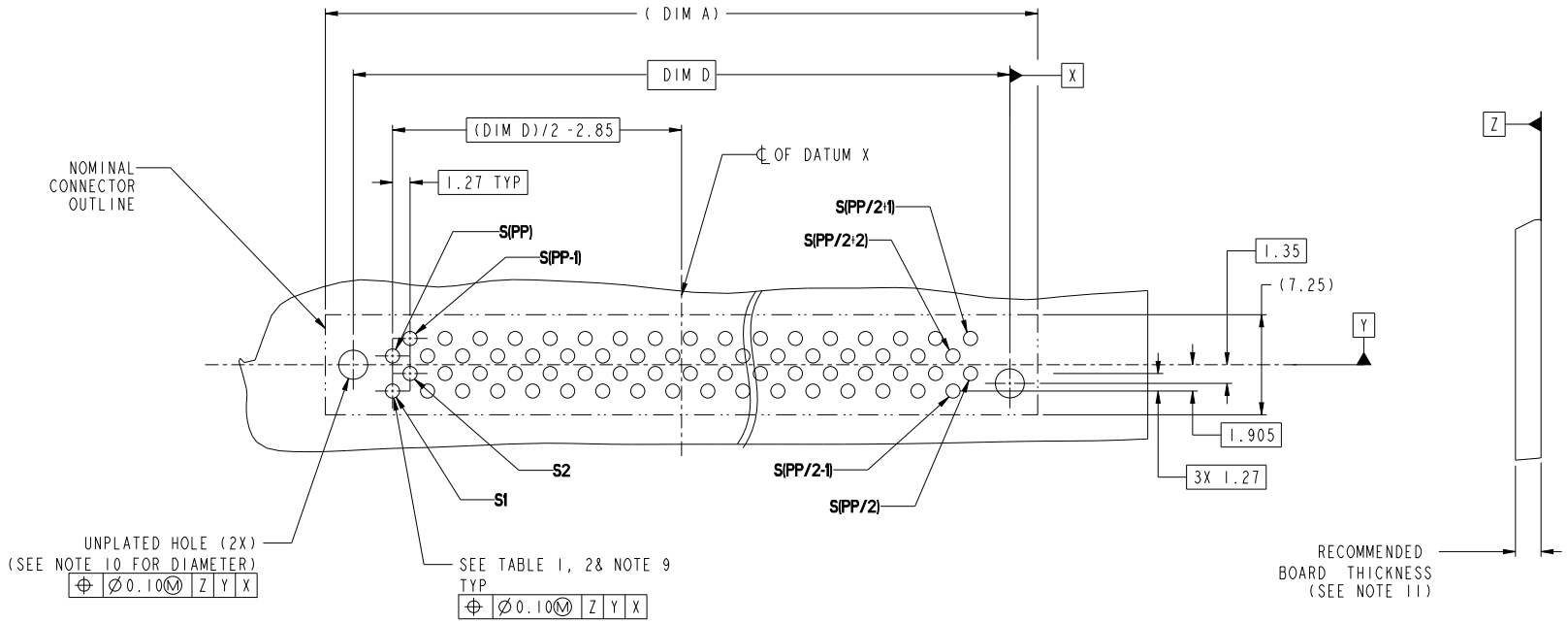
SECTION B-B
SCALE 4:1

REV	ECN NO.	DR	DATE
A	---	ERIC	2013-09-03

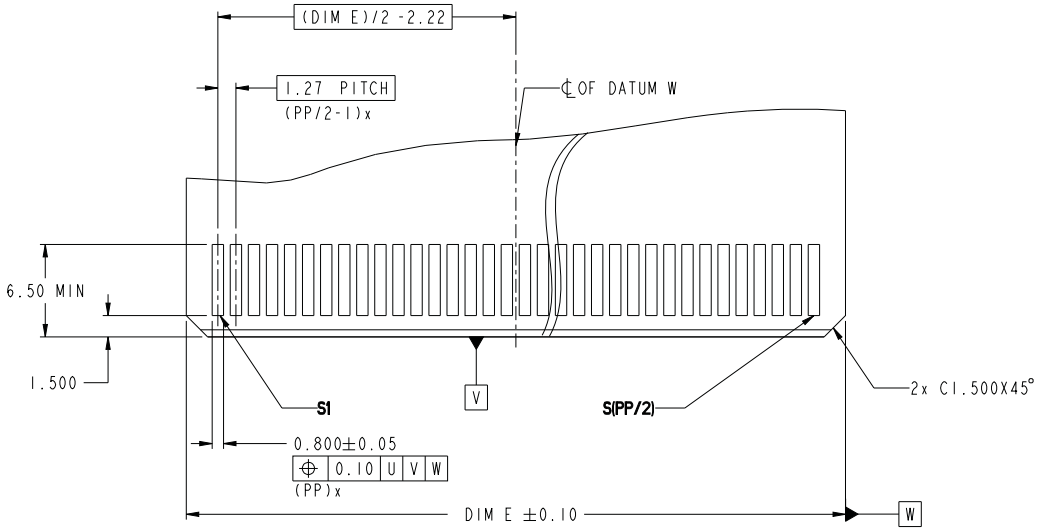
spec ref	-			dr	Eric Jiang	2013/02/03	projection	MM	size A2 / scale 4:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Eric Jiang	2013/09/05			ecn no -
				chr	-	-			
				appr	Pei-Ming Zhang	2013/09/05	product family		rel level Released
surface ASME Y14.5	linear	0.X	±0.50	FCI	title	VERT RECT (ALL SIGNAL PINS) HIGH POWER CARD EDGE		dwg no 10123730	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

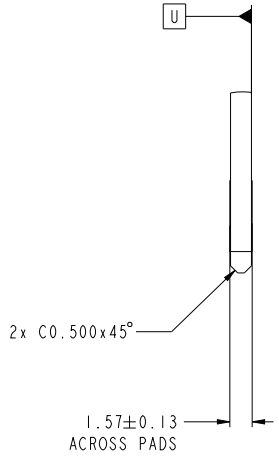
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN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

CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 2 (HPCE / PRESS-FIT TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	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
	COPPER (SEE NOTE 8)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80



spec ref	-			dr	Eric Jiang	2013/02/13	projection	MM	size A2 / scale 4:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Eric Jiang	2013/09/05			ecn no -
				chr	-	-			
				appr	Pei-Ming Zhang	2013/09/05	product family		rel level Released
surface ASME Y14.5	linear	0.X	±0.50	FCI	title	VERT RECT (ALL SIGNAL PINS) HIGH POWER CARD EDGE		dwg no 10123730	rev A
		0.XX	±0.25						
		0.XXX	±0.10						
	angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw		sheet 2 of 4





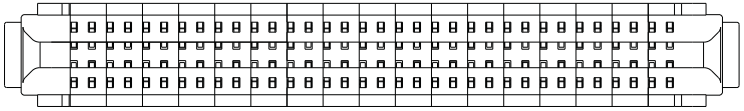
spec ref	-			dr	Eric Jiang	2013/02/13	projection	MM	size A2 / scale 4:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Eric Jiang	2013/09/05			ecn no -
				chr	-	-			
				appr	Pei-Ming Zhang	2013/09/05	product family		rel level Released
surface ASME Y14.5	linear	0.X	±0.50	FCI www.fci.com	title: VERT RECT (ALL SIGNAL PINS) HIGH POWER CARD EDGE		dwg no 10123730		rev A
		0.XX	±0.25						
		0.XXX	±0.10						
	angular	0°	±2°		cat. no.		Product - Customer Drw		sheet 3 of 4

10123730-0000 PP _ LF

SIGNAL CONTACT QTY

LEAD FREE

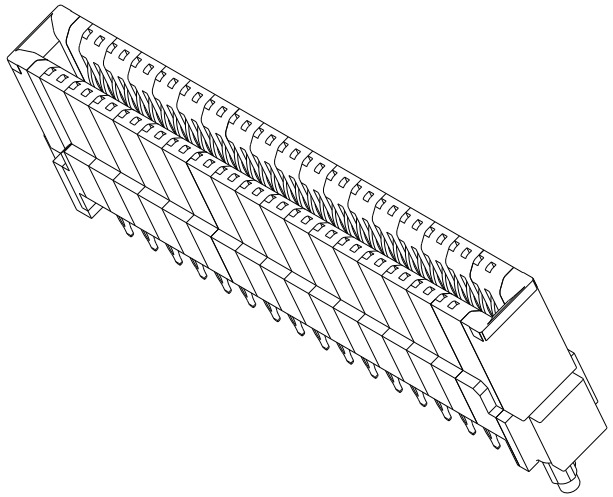
	A	B
TAIL TYPE NOTE 11	STB	PF



EXAMPLE: THE CONFIGURATION ABOVE IS 10123730-000068ALF
STB VERT REC 68S

DIM	TABLE 2 LENGTH FORMULAS
DIM A	(PP/2)X1.27+8.47
DIM B	DIM A -5.00
DIM C	DIM A -2.34
DIM D	DIM A -4.04
DIM E	DIM A -5.30

TABLE 3: PART NUMBER CODE, HPCE STD VERT REC S CONFIG



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 2.40 +/- 0.1 FOR PRESS-FIT TAILS
    - Ø 2.18 +/- 0.03 FOR SOLDER TAILS
11. STB=SOLDER TO BOARD, 1.57-2.38mm PCB THICKNESS.
    PF=PRESS FIT, 1.57mm MINIMUM PCB THICKNESS.

spec ref	-			dr	Eric Jiang	2013/02/13	projection	MM	size A2 / scale 4:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Eric Jiang	2013/09/05			ecn no -
				chr	-	-			
				appr	Pei-Ming Zhang	2013/09/05	product family		rel level Released
surface ASME Y14.5	linear	0.X	±0.50	FCI	title: VERT RECT (ALL SIGNAL PINS) HIGH POWER CARD EDGE		dwg no 10123730		rev A
		0.XX	±0.25						
		0.XXX	±0.10						
	angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw		sheet 4 of 4