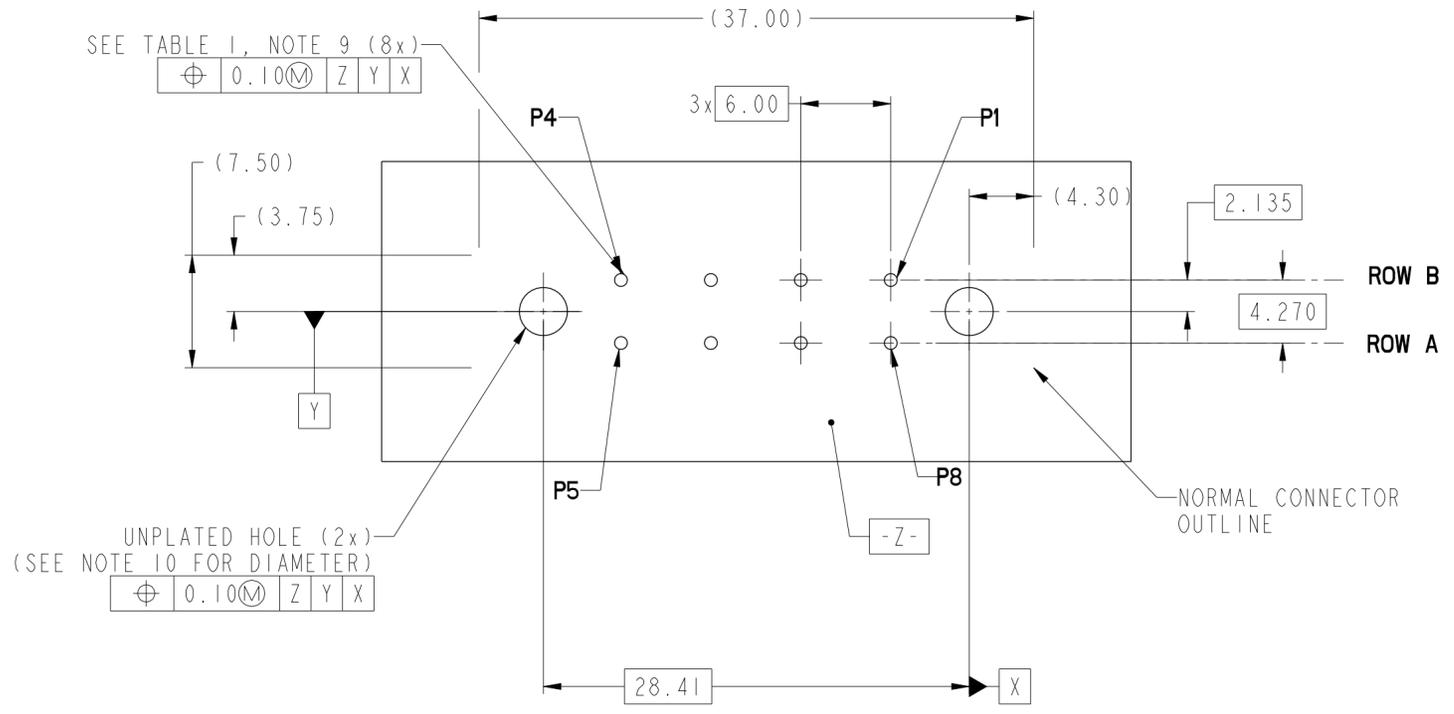
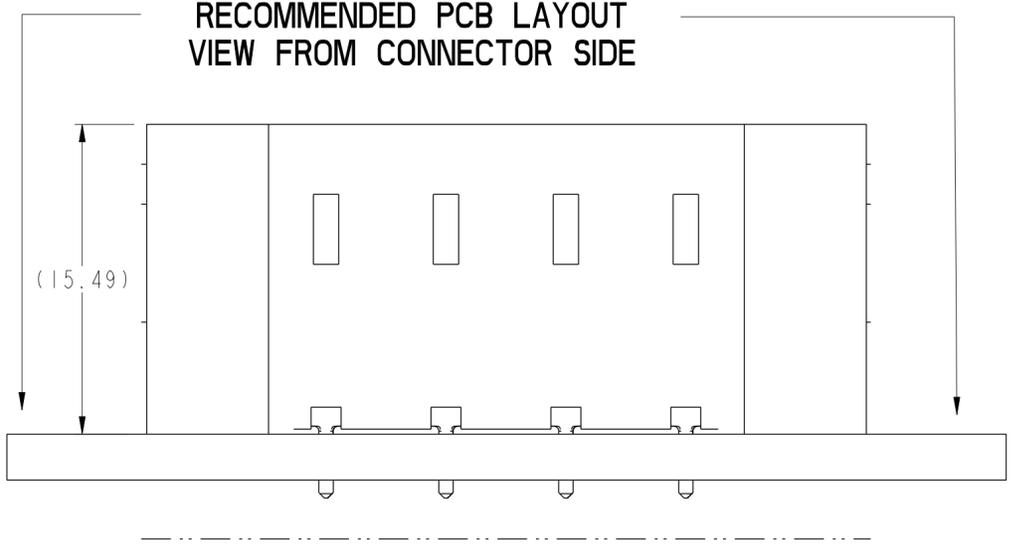


spec ref	-	dr	Hai-Ling Liu	2015/01/30	projection	mm	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Hai-Ling Liu	2015/03/04	chr	-	ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Pai-Ming Zheng	2015/03/04	product family	-	cat. no.	-	Product - Customer Drw	sheet 1 of 3
surface	✓	ASME Y14.5	linear	0.X	±0.35		title HPCECTB VERTICAL HEADER 8P(LP) WITH LATCH & SCREW	dwg no 10133343	rev A	
				0.XX	±0.25					
				0.XXX	±0.15					
		angular	0°	±2°	www.fci.com					

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	TIN-LEAD	8.10-8.60 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.65 - 0.80
	IMMERSION TIN	8.10-8.60 (0.85 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.70 - 0.80
	COPPER (SEE NOTE 8)	8.10-8.60 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80



RECOMMENDED PCB LAYOUT
VIEW FROM CONNECTOR SIDE



spec ref	-	dr	Hai-Ling Liu	2015/01/30	projection	mm	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Hai-Ling Liu	2015/03/04	chr	-	ecn no	-	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2015/03/04	product family	-	cat. no.	-	Product - Customer Drw	sheet 2 of 3
ASME Y14.5	linear	0.X	±0.35	0.XX	±0.25	0.XXX	±0.15	angular	0°	±2°
				HPCECTB VERTICAL HEADER 8P(LP) WITH LATCH & SCREW		10133343		A		

PRODUCT PART NUMBER

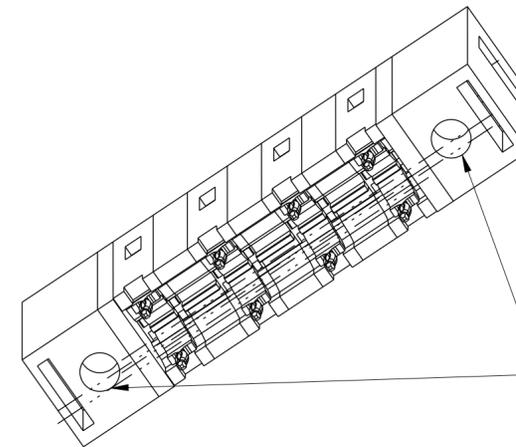
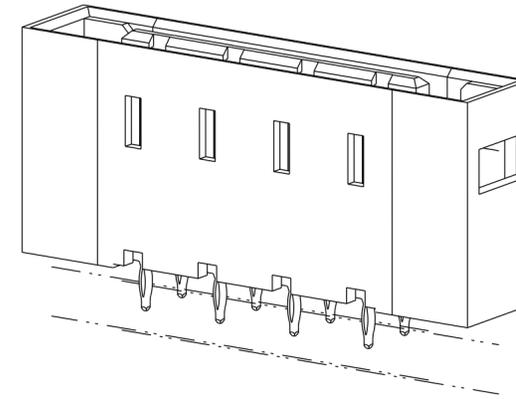
10133343-□□□□□LF

BASE PART NUMBER

CONTACT AREA PLATING
 UNDERPLATED 50u"(1.27um) MIN. NICKEL
 1: 100u"(2.5um) MIN. Ag
 2: 30u"(0.760um) MIN. GXT

FIRST MATE LAST BREAK PIN POSITION
 000: ALL PINS ARE LONG PINS.

DIM "A", TAIL LENGTH
 1: 3.04±0.25mm (PCB THK 1.57mm Min PF)



SELF-THREADING SCREW HOLE

Ø NOTES:

1. CONNECTOR MATERIALS:
 HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK UL 94V-0 COMPLIANT
 CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
2. CONTACT FINISH REF. GS-12-1031 SECTION 5.2
3. PRODUCT SPECIFICATION: GS-12-1031
4. APPLICATION SPECIFICATION: GS-20-0369
5. PRODUCT MARKING (FCI PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
6. PACKAGING MEETS FCI SPECIFICATION GS-14-xxxx.
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 : M3.0X1.27 SELF-THREADING SCREW AND PCB HOLEØ3.30MM .
11. SELF-TAPPING SCREW TORQUE FORCE 400~550N/MM.

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tolerance std	ASME Y14.5	eng	Hai-Ling Liu	2015/03/04			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	product family			-	cat. no.	-	Product - Customer Drw
surface		linear	0.X	±0.35		title HPCECTB VERTICAL HEADER 8P(LP) WITH LATCH & SCREW	dwg no 10133343	rev A		
			0.XX	±0.25						
			0.XXX	±0.15						
ASME Y14.5	angular	0°	±2°	www.fci.com						