

DIM 'A' TYP
SEE TABLE 2

spec ref			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		
surface ✓	linear	0.X	±
		0.XX	±0.20
		0.XXX	±0.10
	angular	0°	±2°

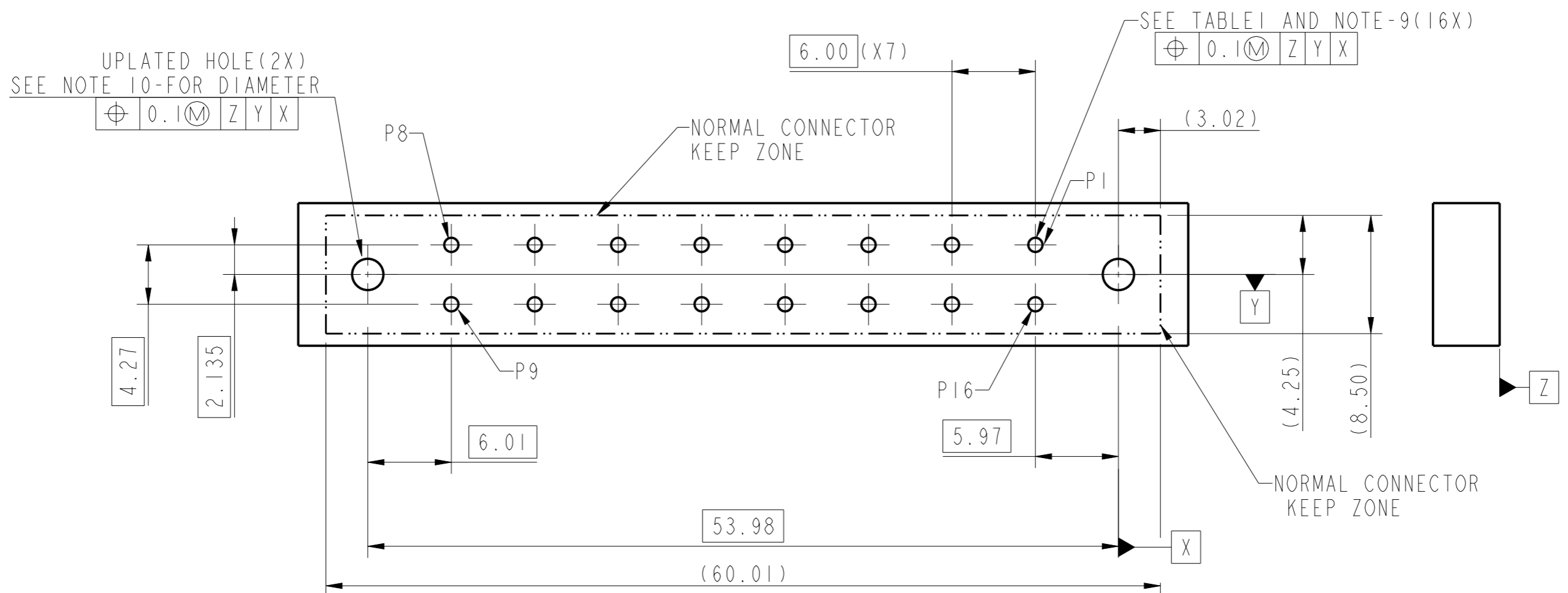
dr	Jenson Liu	2014/04/24
eng	Jenson Liu	2014/04/24
chr	Jon Qin	2014/04/25
appr	Collins Lu	2014/04/25

projection	MM
product family	

size	A3	scale	2:1
ecn no		rel level	Released

www.fci.com	cat. no.	16 LP VH WITH LATCH ASSY HPCE CTB VH	dwg no	10124394	rev	B
Product - Customer Drw			sheet 1 of 3			

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	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



MOUNTING SIDE SCALE 3:1


spec ref	dr	Jenson Liu	2014/04/24	projection	MM	size	A3	scale	2:1
tolerance std	eng	Jenson Liu	2014/04/24			ecn no			
TOLERANCES UNLESS OTHERWISE SPECIFIED surface ✓	chr	Jon Qin	2014/04/25			rel level			
	appr	Collins Lu	2014/04/25	product family		-			
	linear	0.X	±			16 LP VH WITH LATCH ASSY		dwg no 10124394	
		0.XX	±0.20	www.fci.com		HPCE CTB VH		rev B	
		0.XXX	±0.10	cat. no.		Product - Customer Drw		sheet 2 of 3	
	angular	0°	±2°	PDS: Rev :B		STATUS:Released		Printed: Oct 13, 2014	

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HPCE CTB VERTICAL HEADER PART NUMBER
(TABLE 2)

PART NUMBER	TAIL TYPE	DIM 'A' TAIL LENGTH	RECOMENDED BOARD THICKNESS
10124394-*1000LF	SOLDER TAIL	5.79±0.20	4.79

NOTES:

- CONNECTOR MATERIALS:
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACKUL 94V-0 COMPLIANT
CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
- CONTACT FINISH REF. GS-12-1031 SECTION 5.2
- PRODUCT SPECIFICATION: GS-12-1031
- APPLICATION SPECIFICATION: GS-20-0369
- PRODUCT MARKING (FCI PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
- PACKAGING MEETS FCI SPECIFICATION GS-14-2272. 
- HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
- COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
- ALL HOLE SIZES ARE FINISHED HOLE SIZES.
- MOUNTING HOLES ARE UNPLATED
Ø 2.25±0.05 FOR SOLDER TAILS

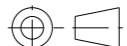
PRODUCT PART NUMBER

10124394- LF

CONTACT AREA PLATING :
1: 100u"(2.5um)Min. Ag
2: 30u"(0.76um)Min. GXT

TAIL LENGTH:
1: TAIL LENGTH 5.79±0.20mm

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

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tolerance std	eng	Jenson Liu	2014/04/24	product family	-	rel level	Released			
TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	Jon Qin	2014/04/25				ecn no			
	appr	Collins Lu	2014/04/25				rel level			
surface <input checked="" type="checkbox"/>	linear	0.X	±	FCI		16 LP VH WITH LATCH ASSY	dwg no	10124394	rev	B
		0.XX	±0.20	www.fci.com		HPCE CTB VH	Product - Customer Drw		sheet 3 of 3	
	angular	0°	±2°	cat. no.		-	STATUS:Released		Printed: Oct 13, 2014	



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