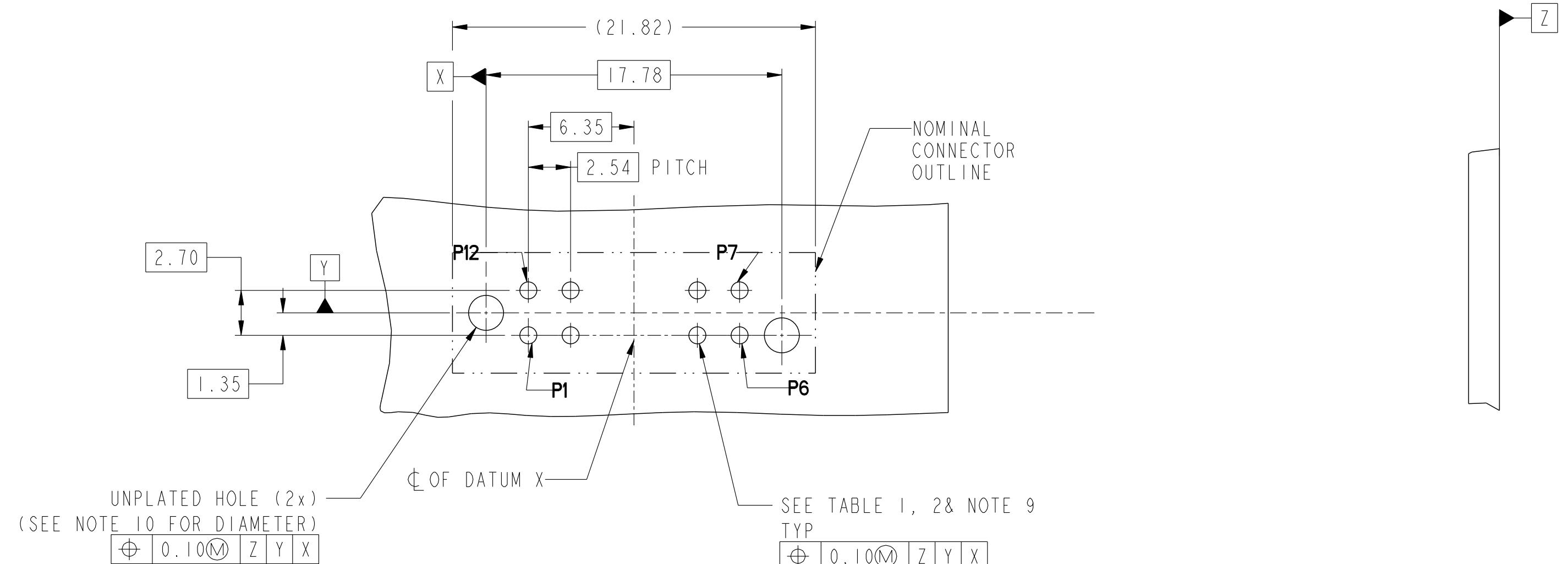
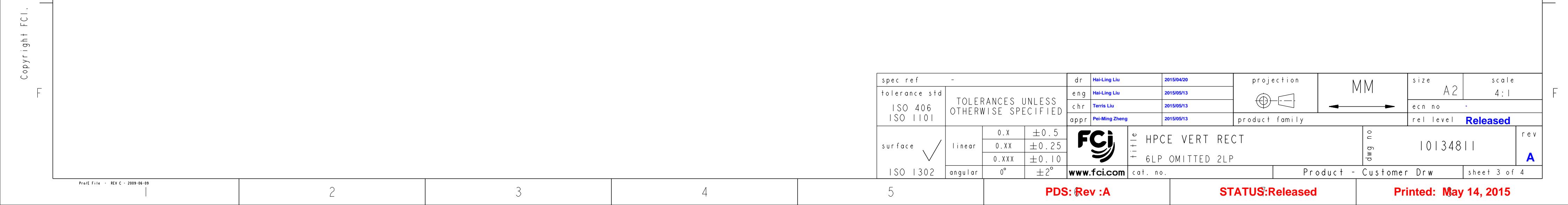


CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE I (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN	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	projection	size	scale
tolerance std				
ISO 406	dr	Hai-Ling Liu	2015/04/20	
ISO 1101	eng	Hai-Ling Liu	2015/05/13	
	chr	Terri Liu	2015/05/13	
	oppr	Pei-Ming Zheng	2015/05/13	
		product family		
		rel level	Released	
		proj no	10134811	rev
		title	HPCE VERT RECT	
		title	6LP OMITTED 2LP	
		cat. no.		
		Product	Customer Drw	sheet 3 of 4

### HPCE PART NUMBER (TABLE 3)

HPCE PART NUMBER (TABLE 3)				
A	PART NUMBER	TAIL TYPE	DIM "A" TYPICAL TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS
	10134811-001LF	SOLDER	3.17 ± 0.25	1.57-2.38
	10134811-002LF	PRESS-FIT		1.57 MIN

## NOTES:

I. 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.

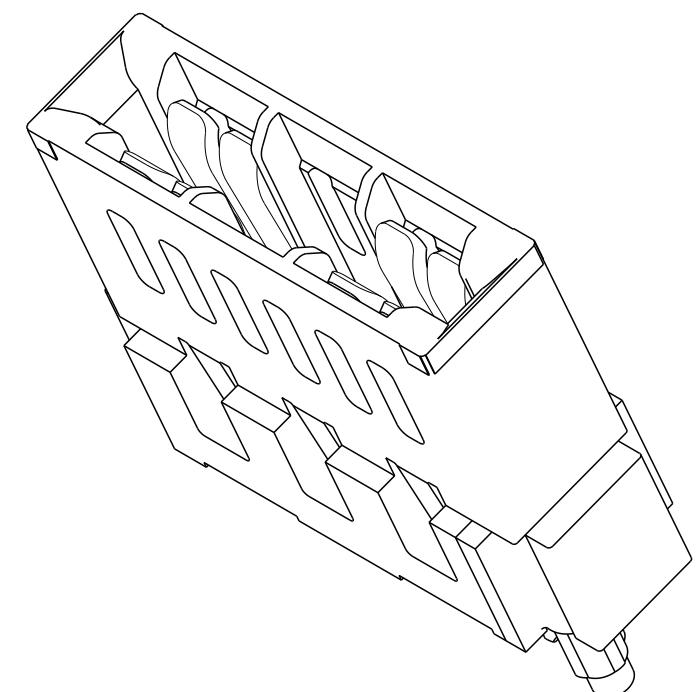
7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE  
FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.

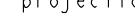
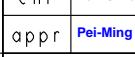
8. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.

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. PRESS FIT APPLICATION TOOL DRAWING : 10119453.



spec ref	-	dr	Hai-Ling Liu	2015/04/20			size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED ISO 406 ISO 1101	eng	Hai-Ling Liu	2015/05/13			ecn no	-		
		chr	Terri Liu	2015/05/13			rel level	Released		
		appr	Pei-Ming Zheng	2015/05/13			product family			
surface	✓	linear	0.X	±0.5		HPCE VERT RECT	dwg no	10134811	rev	A
			0.XX	±0.25		6LP OMITTED 2LP				
			0.XXX	±0.10						
ISO 1302	angular		0°	±2°	www.fci.com	cat. no.	Product - Customer Drw		sheet 4 of 4	