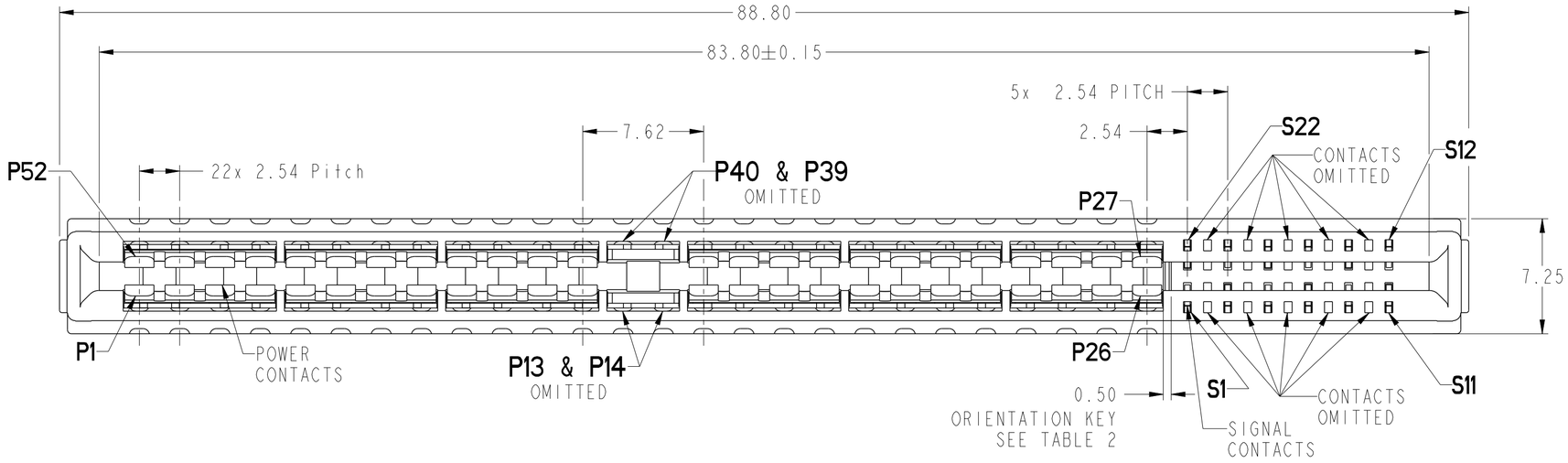
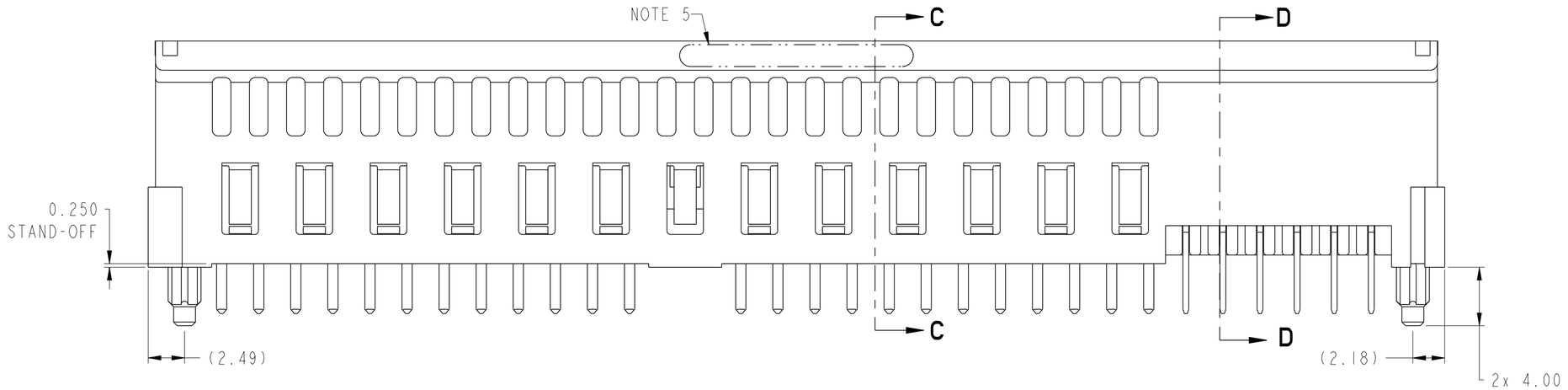
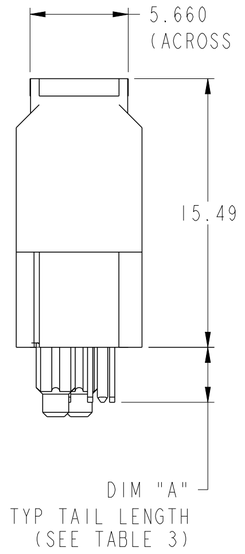
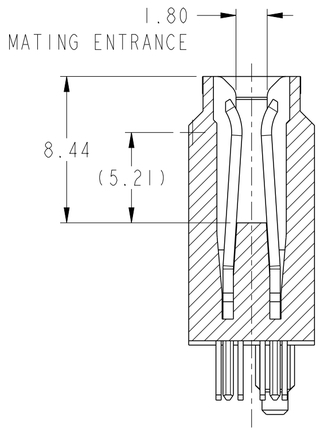
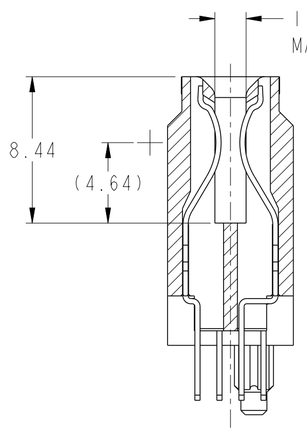








SECTION C-C



SECTION D-D

rev	ecn no	dr	date
A	-	JW	2013-10-23
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

spec ref	-		dr	Julia Wang	2013/08/20	projection	MM
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Julia Wang	2013/10/24		
			chr	-	-		
			appr	Pei-Ming Zheng	2013/10/24	product family	HPCE
surface - ISO 1302	linear	0.X ±0.5	FCI www.fci.com	title	VERT RECT ASM (52P-22S) WITH ENHANCED WALL(SPECIAL)	dwg no	10126994
		0.XX ±0.25					
		0.XXX ±0.10					
	angular	0° ±2°		cat. no.	-	Product - Customer Drw	

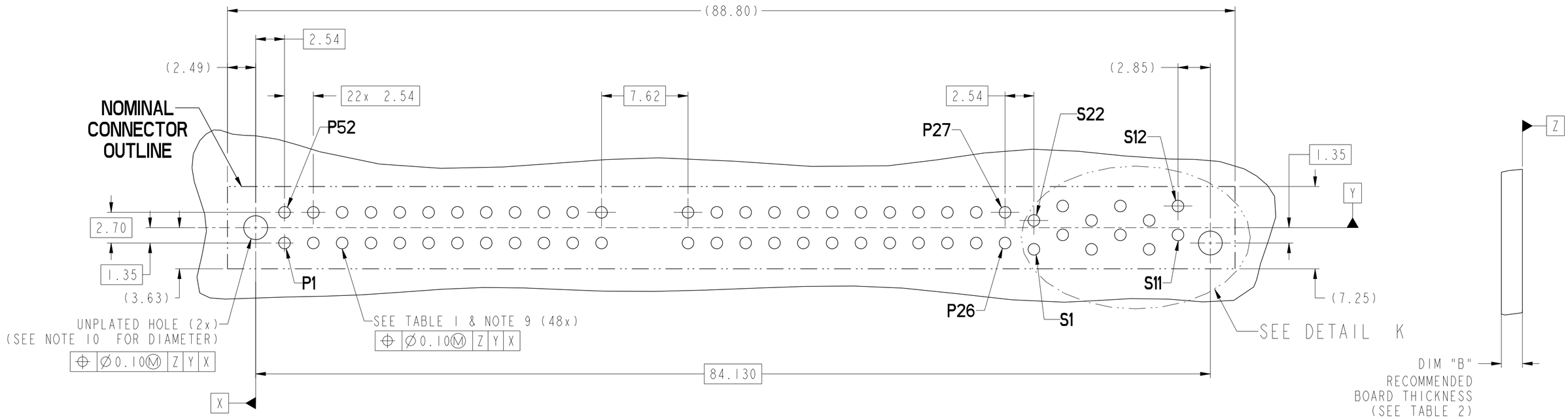
size	scale	rev
A2	4:1	A

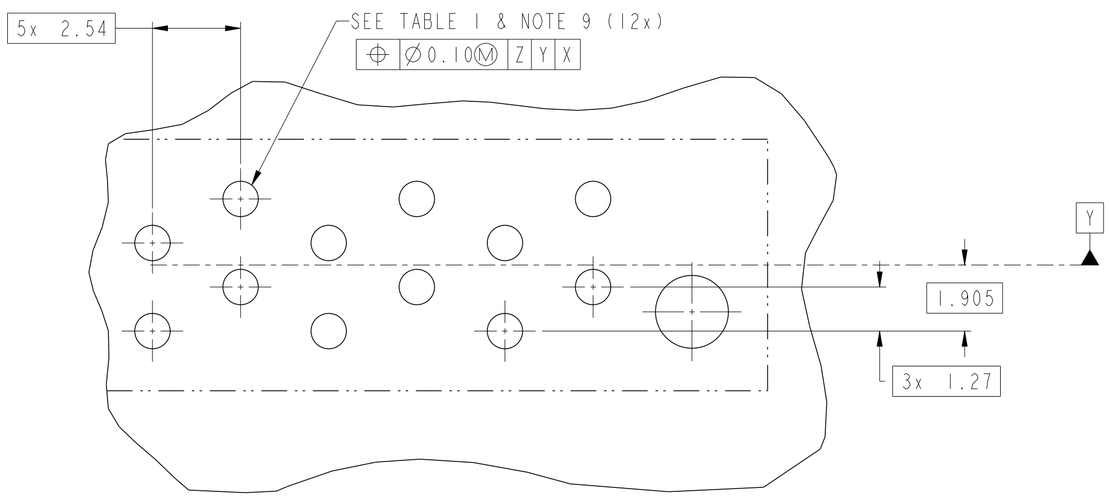
ecn no -

rel level **Released**

sheet 1 of 4

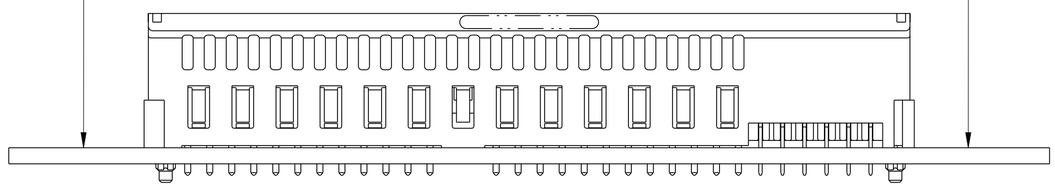
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DETAIL K
SCALE 8:1

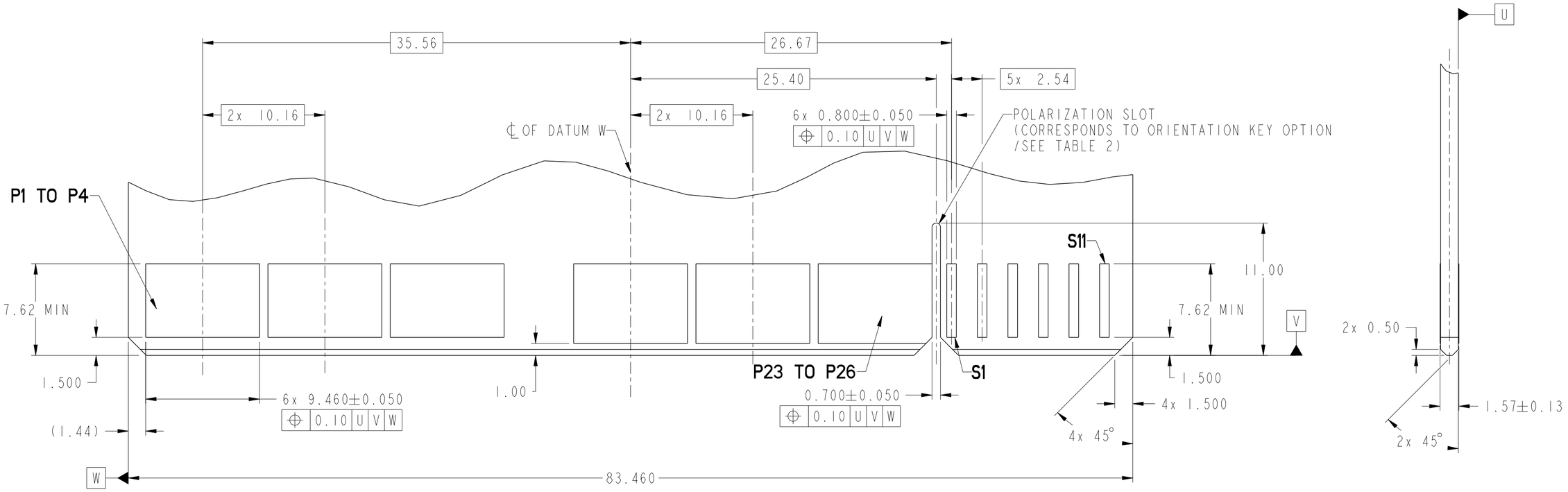
RECOMMENDED PCB LAYOUT
VIEWED FROM CONNECTOR SIDE



dr	Julia Wang	2013/08/20	projection	MM	size A2	scale 4:1
eng	Julia Wang	2013/10/24				
chr	-	-			ecn no	-
appr	Pei-Ming Zheng	2013/10/24	product family	HPCE	rel level	Released
FCI	title	VERT RECT ASM (52P-22S) WITH ENHANCED WALL(SPECIAL)	dwg no	10126994		rev A
www.fci.com	cat. no.	-	Product - Customer Drw			sheet 2 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



dr	Julia Wang	2013/08/20	projection	MM	size A2 / scale 4:1
eng	Julia Wang	2013/10/24			ecn no -
chr	-	-			
appr	Pei-Ming Zheng	2013/10/24	product family HPCE		rel level Released

FCI

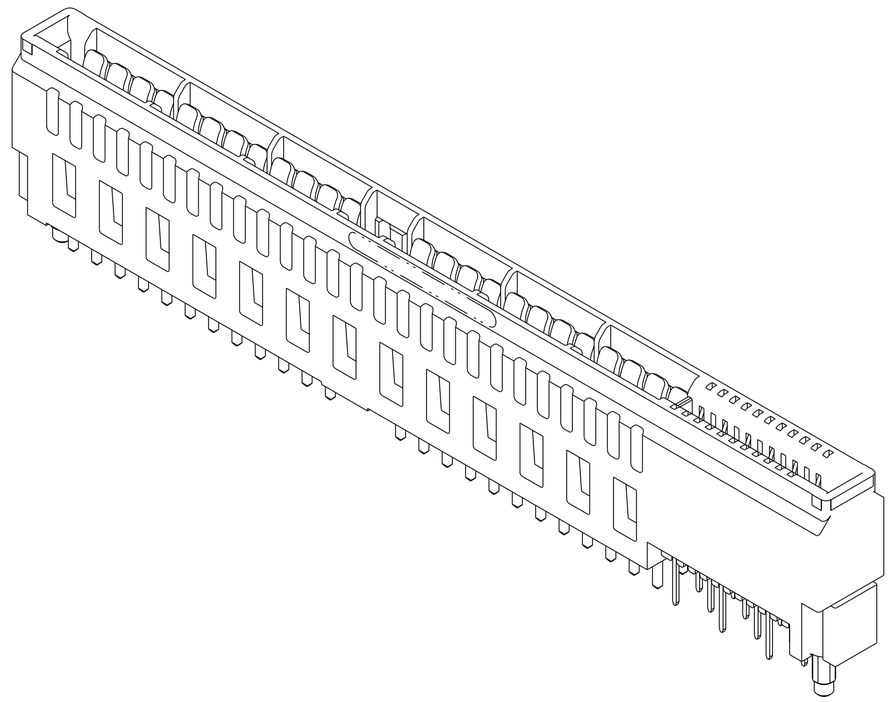
title: VERT RECT ASM (52P-22S) WITH ENHANCED WALL(SPECIAL)

dwg no: 10126994 rev A

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HPCE PART NUMBER (TABLE 2)				
PART NUMBER	TAIL TYPE	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS
10126994-001LF	SOLDER	YES	3.17 ±0.25	1.59 - 2.38
10126994-002LF		NO		



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
    ∅ 2.18 ± 0.03 FOR SOLDER TAILS

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dr	Julia Wang	2013/08/20	projection	MM	size A2	scale 4:1
eng	Julia Wang	2013/10/24				
chr	-	-			ecn no	-
appr	Pei-Ming Zheng	2013/10/24	product family	HPCE	rel level	Released
www.fci.com	cat. no.	-	Product - Customer Drw		sheet 4 of 4	

title: VERT RECT ASM (52P-22S) WITH ENHANCED WALL(SPECIAL)

dwg no: 10126994

rev: A

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