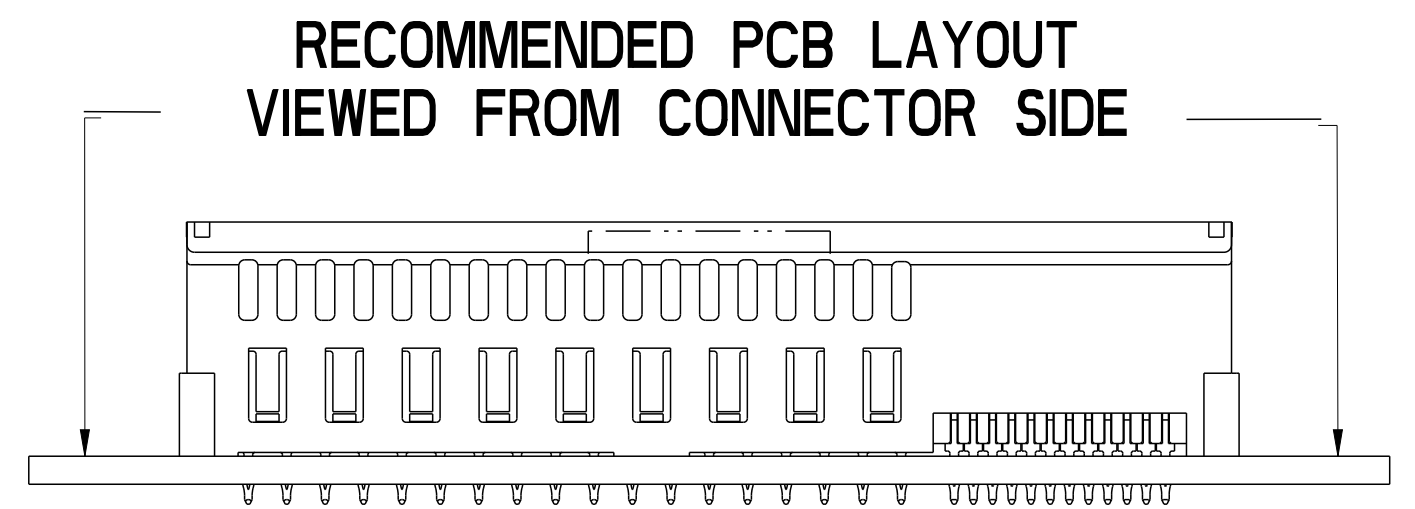
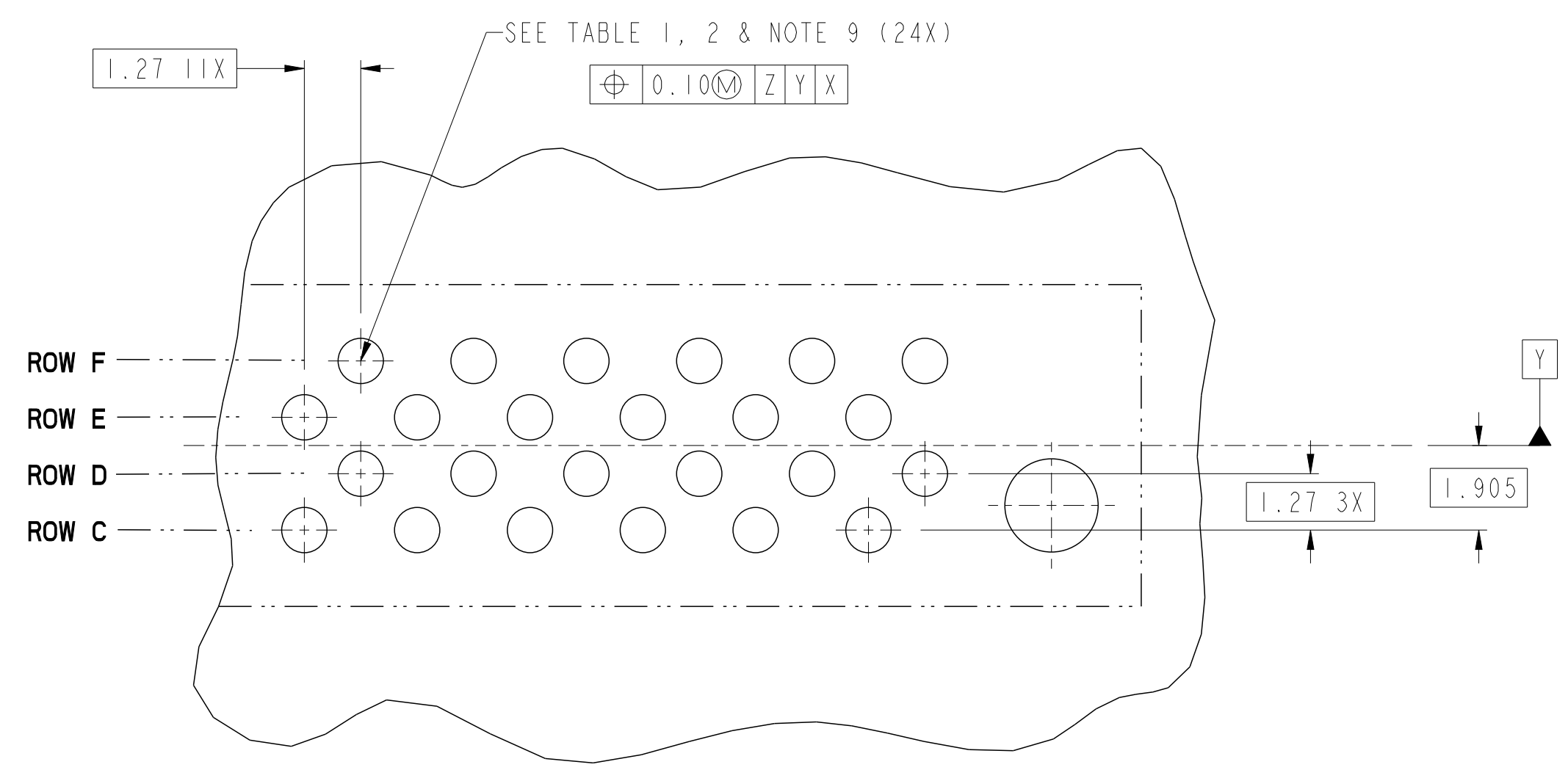
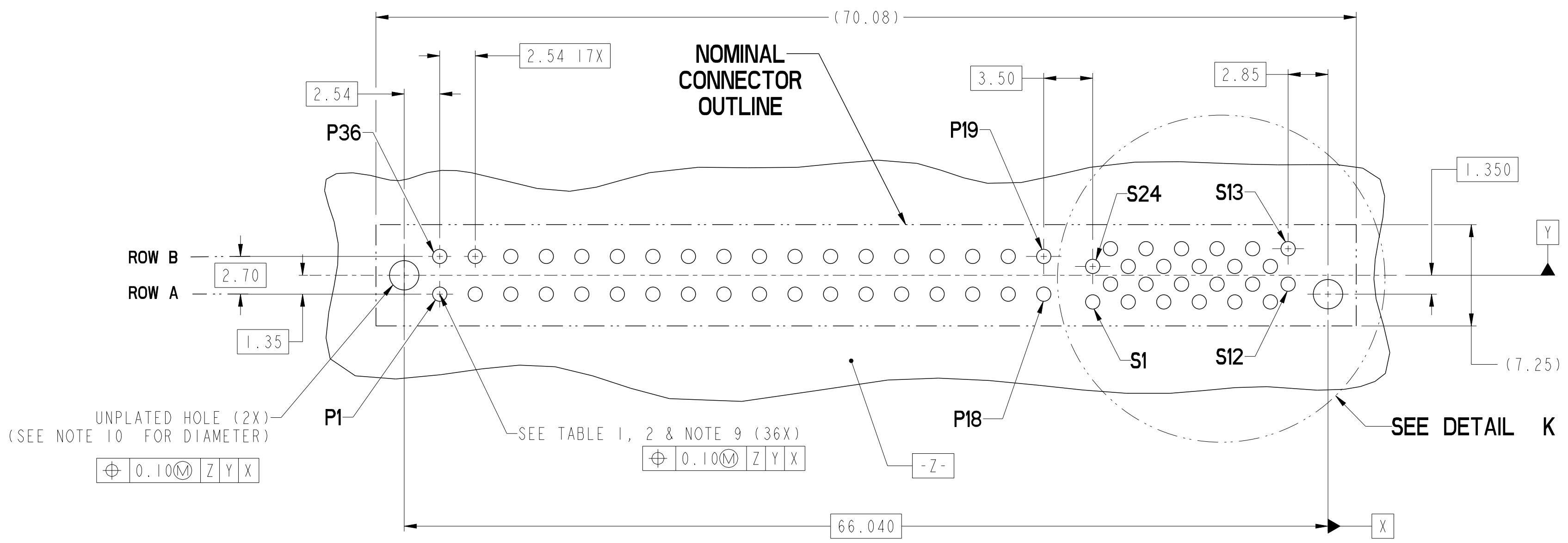


SECTION C-C

SECTION D-D

spec ref	-	dr	Wei-Long Zhang	2011/12/10	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Wei-Long Zhang	2012/01/04			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	app			Pai-Ming Zheng	2012/01/05	product family	CARD EDGE
surface	linear	0.X	±0.3		<b>VERT RECT (36P 24S)</b> HIGH POWER CARD EDGE		dwg no	10119695	rev	A
	0.XX	±0.1	0.XXX		±0.05	cat. no.	-	Product - Customer Drw	sheet 1 of 4	
ASME Y14.5	angular	0°	±2°		www.fci.com					

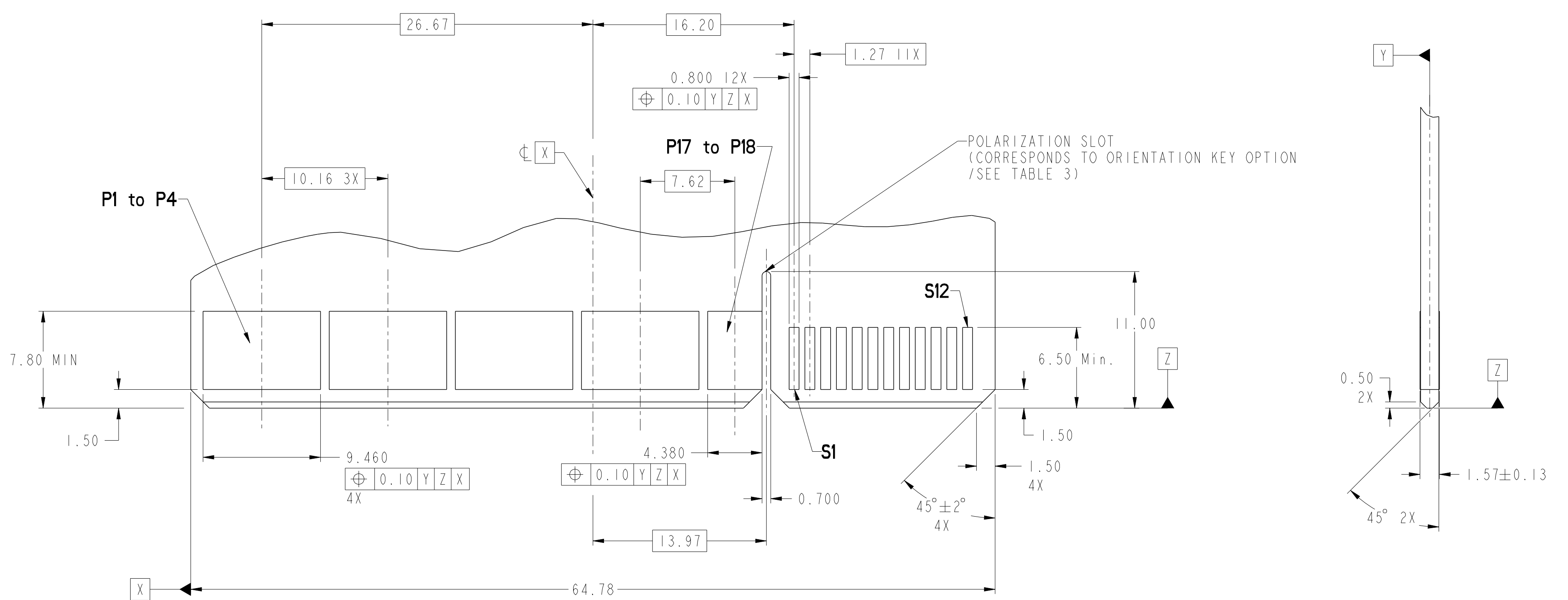


dr	Wei-Long Zhang	2011/12/10	projection	MM	size	A2	scale	4:1
eng	Wei-Long Zhang	2012/01/04			ecn no	-	rel level	Released
chr	-	-			product family	CARD EDGE		
appr	Pai-Ming Zheng	2012/01/05	product family		CARD EDGE	rel level	Released	
		title VERT RECT (36P 24S) HIGH POWER CARD EDGE			dwg no 10119695		rev A	
www.fci.com		cat. no.		-		Product - Customer Draw		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

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

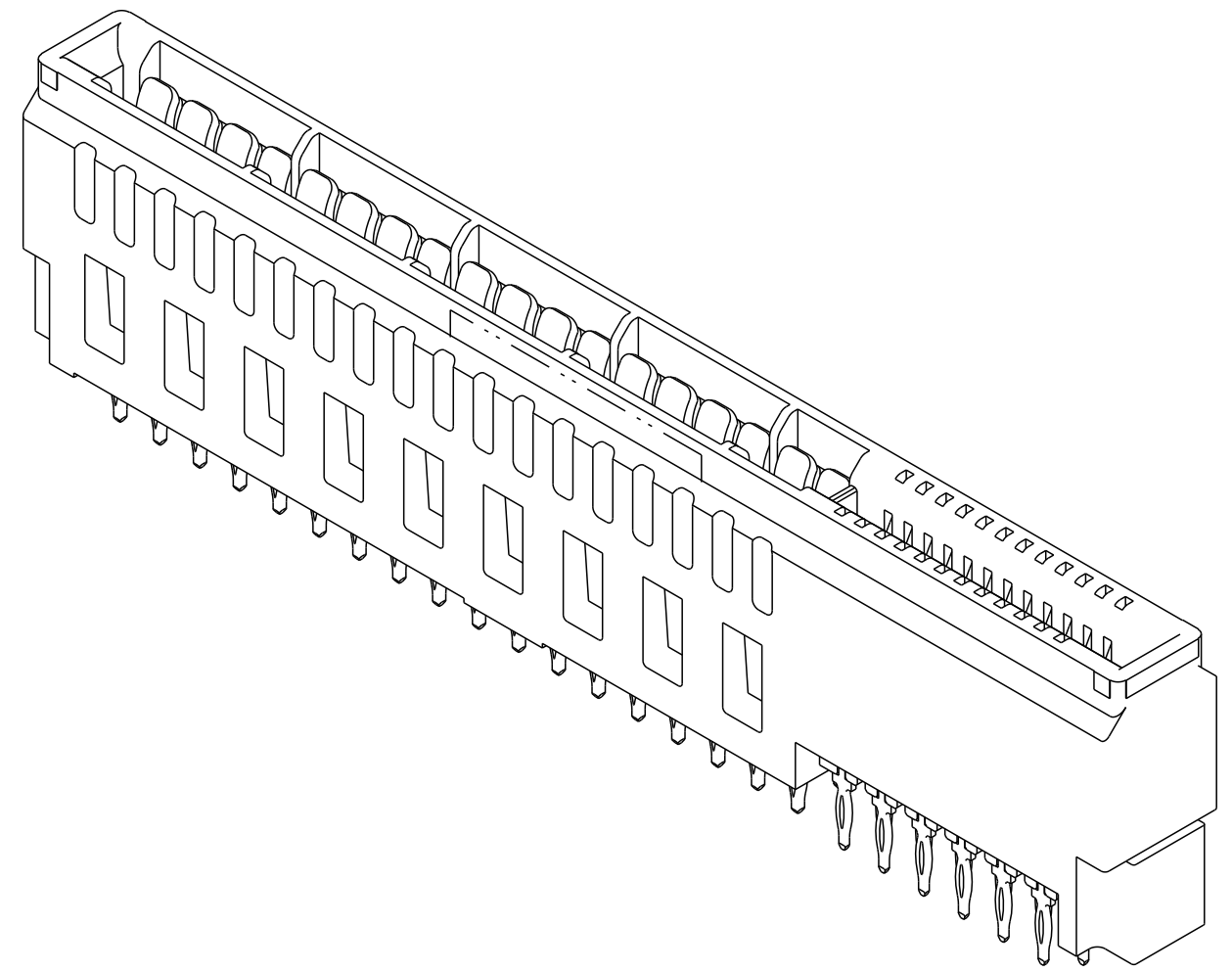


**RECOMMENDED MATING BOARD  
FOOTPRINT**

dr	Wei-Long Zhang	2011/12/10	projection	MM	size	A2	scale	4:1
eng	Wei-Long Zhang	2012/01/04			ecn no	-	rel level	Released
chr	-	-						
appr	Pai-Ming Zheng	2012/01/05	product family	CARD EDGE	rel level	Released		
			<b>VERT RECT (36P 24S)</b> HIGH POWER CARD EDGE			dwg no 10119695		rev A
www.fci.com			cat. no.			Product - Customer Drw		

HPCE PART NUMBER (TABLE 3)

PART NUMBER	TAIL TYPE	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS	SPECIFIED APPLICATION TOOL
10119695-001LF	SOLDER	YES	3.17 ±0.25	1.59 - 2.38	NO
10119695-002LF	SOLDER	NO			
10119695-003LF	PRESS-FIT	YES	3.17 ±0.25	1.57 MIN	YES NOTE 11
10119695-004LF	PRESS-FIT	NO			



NOTES:

- CONNECTOR MATERIALS:  
 HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK  
 UL 94V-0 COMPLIANT  
 CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
- CONTACT FINISH REF. GS-12-604 SECTION 5.2.
- PRODUCT SPECIFICATION: GS-12-604.
- APPLICATION SPECIFICATION: GS-20-128.
- PRODUCT MARKING (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
- PACKAGING MEETS FCI SPECIFICATION GS-14-937.
- 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 2.40 +/- 0.10 FOR PRESS-FIT TAILS  
 Ø 2.25 +/- 0.05 FOR SOLDER TAILS
- APPLICATION TOOL DRAWING: 10119453.

dr	Wei-Long Zhang	2011/12/10	projection	MM	size	A2	scale	4:1
eng	Wei-Long Zhang	2012/01/04			ecn no.	-	rel level	
chr	-	-			product family	CARD EDGE	rel level	Released
appr	Pai-Ming Zheng	2012/01/05			title	VERT RECT (36P 24S) HIGH POWER CARD EDGE		cat. no.
			www.fci.com		cat. no.	-	Product - Customer Drw	sheet 4 of 4

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