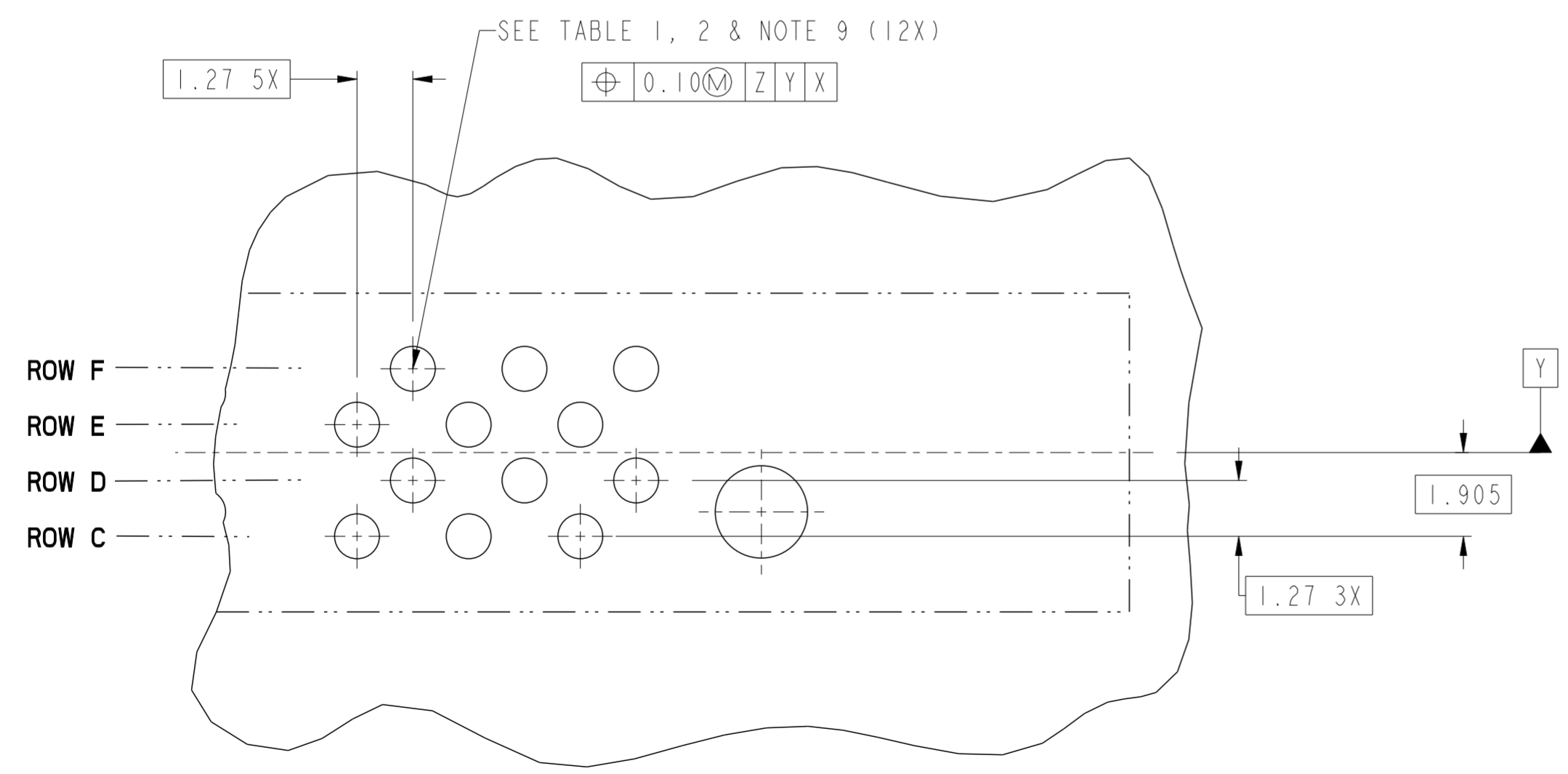
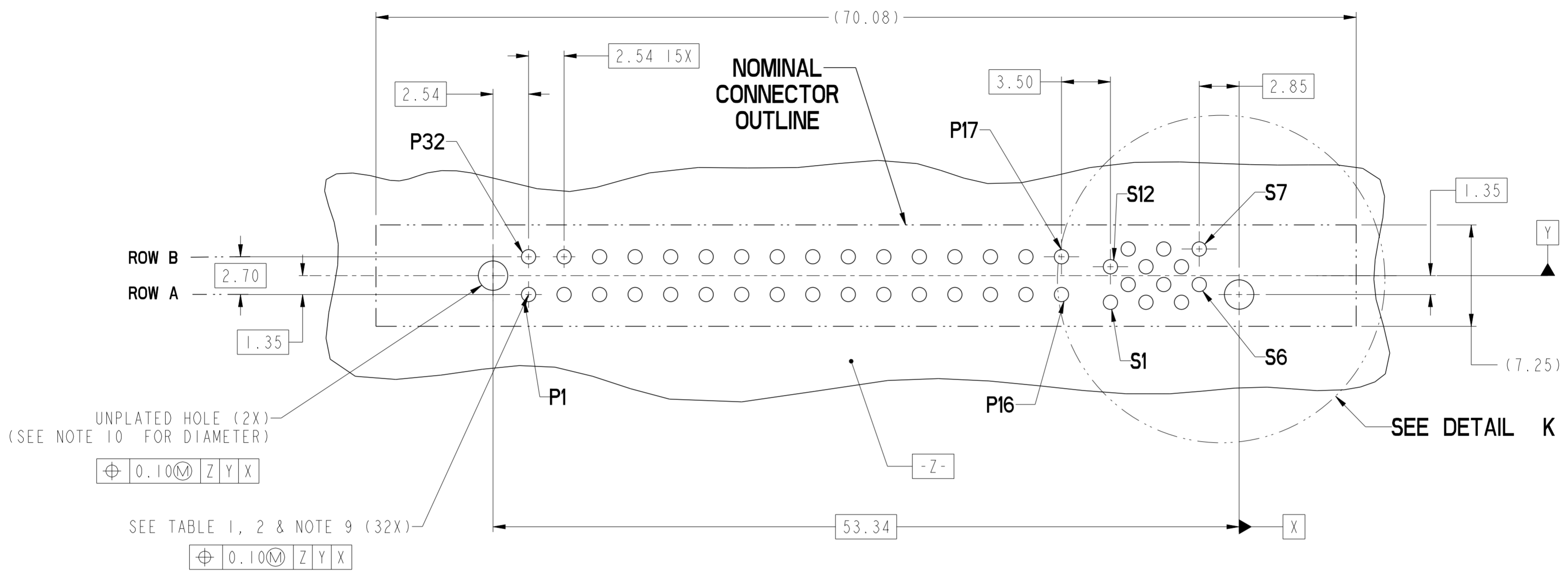
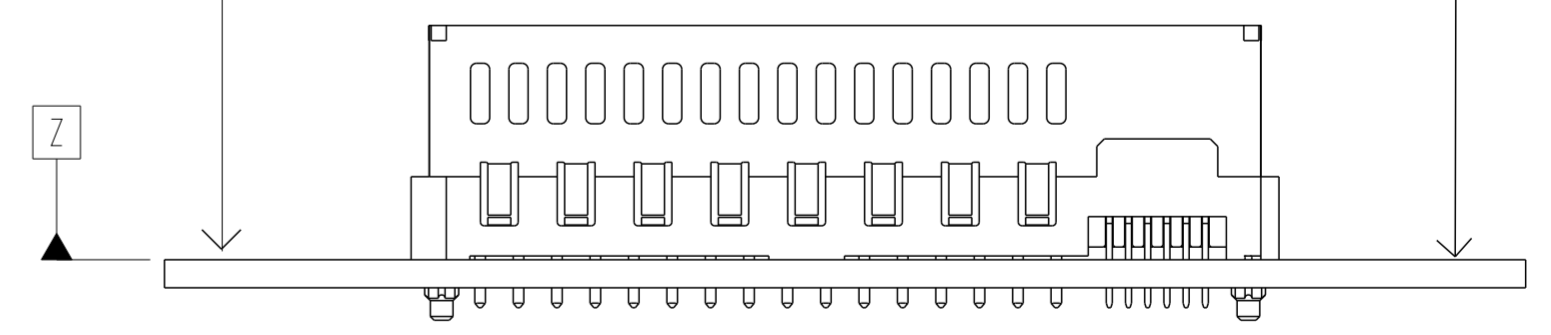


rev	ecn no	dr	date	spec ref	dr	2011/04/06	projection	MM	size	A2	scale	4:1
A	---	HZ	2011-07-03	tolerance std	eng	2011/12/15			ecn no	ELX-DG-008860-1	rel level	Released
B	ELX-DG-008860-1	HZ	2011-12-15	ASME Y14.5	chr	2011/12/15						
				ASME Y14.5	appr	2011/12/15			title VERT RECT (32P 12S) HIGH POWER CARD EDGE		dwg no 10117936	rev B
				surface linear 0.X ±0.30 0.XX ±0.10 0.XXX ±0.05 angular 0° ±2°	www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 4	



**RECOMMENDED PCB LAYOUT  
VIEWED FROM CONNECTOR SIDE**



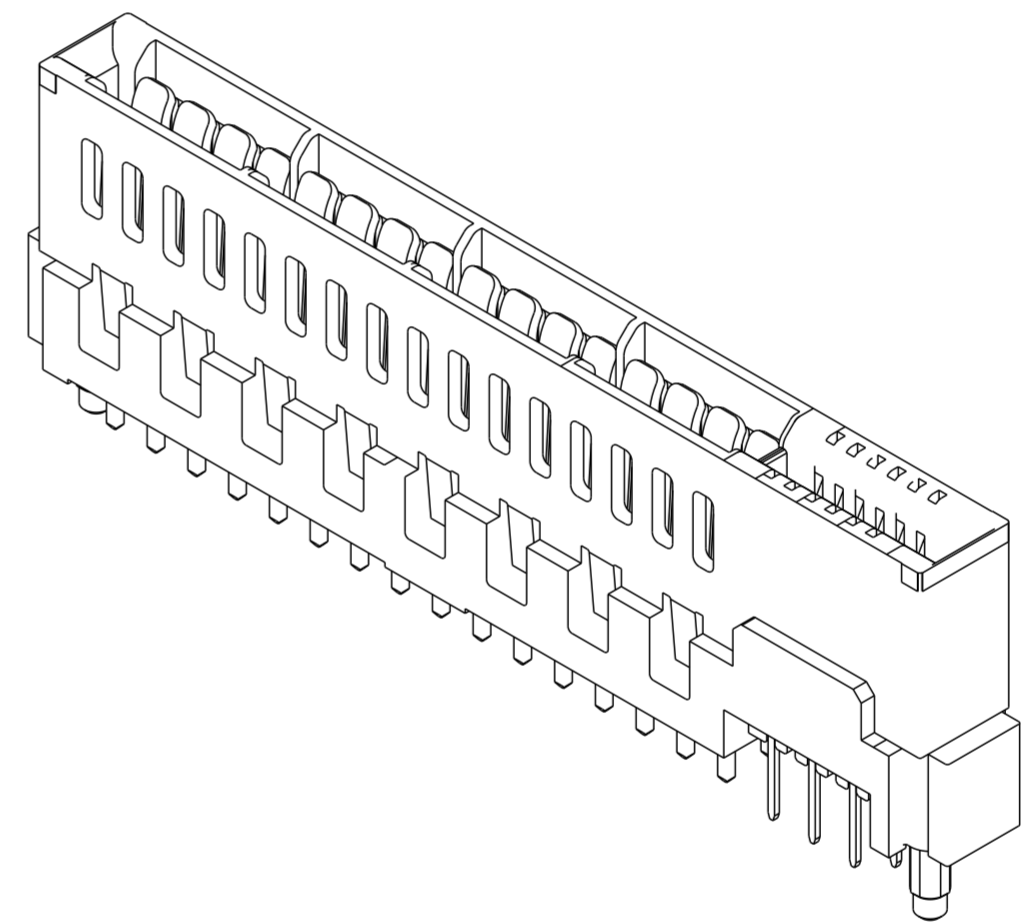
dr	Wei-Long Zhang	2011/04/06	projection	MM	size	A2	scale	4:1	
eng	Wei-Long Zhang	2011/12/15			ecn no	ELX-DG-008860-1			
chr	Jon Qin	2011/12/15			rel level	Released			
appr	Pei-Ming Zheng	2011/12/15	product family	CARD EDGE	rel level	Released			
		title	VERT RECT (32P 12S) HIGH POWER CARD EDGE		dwg no	10117936		rev	B
www.fci.com		cat. no.	-		Product - Customer Drw	sheet 2 of 4			

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HPCE PART NUMBER (TABLE 3)

PART NUMBER	TAIL TYPE	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS
10117936-001LF	SOLDER	YES	3.17 ±0.25	1.59 - 2.38
10117936-002LF	SOLDER	NO		
10117936-003	PRESS-FIT	YES	3.17 ±0.25	1.6 MIN
10117936-003LF	PRESS-FIT	YES		
10117936-004	PRESS-FIT	NO		
10117936-004LF	PRESS-FIT	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  
 Ø 2.40 +/- 0.1 FOR PRESS-FIT TAILS  
 Ø 2.10 +/- 0.1 FOR SOLDER TAILS

dr	Wei-Long Zhang	2011/04/06	projection	MM	size	A2	scale	4:1	
eng	Wei-Long Zhang	2011/12/15			ecn no	ELX-DG-008860-1			
chr	Jon Qin	2011/12/15			product family	CARD EDGE	rel level	Released	
appr	Pei-Ming Zheng	2011/12/15			title	VERT RECT (32P 12S) HIGH POWER CARD EDGE		rev	B
www.fci.com			cat. no.	-	Product - Customer Drw		sheet 4 of 4		