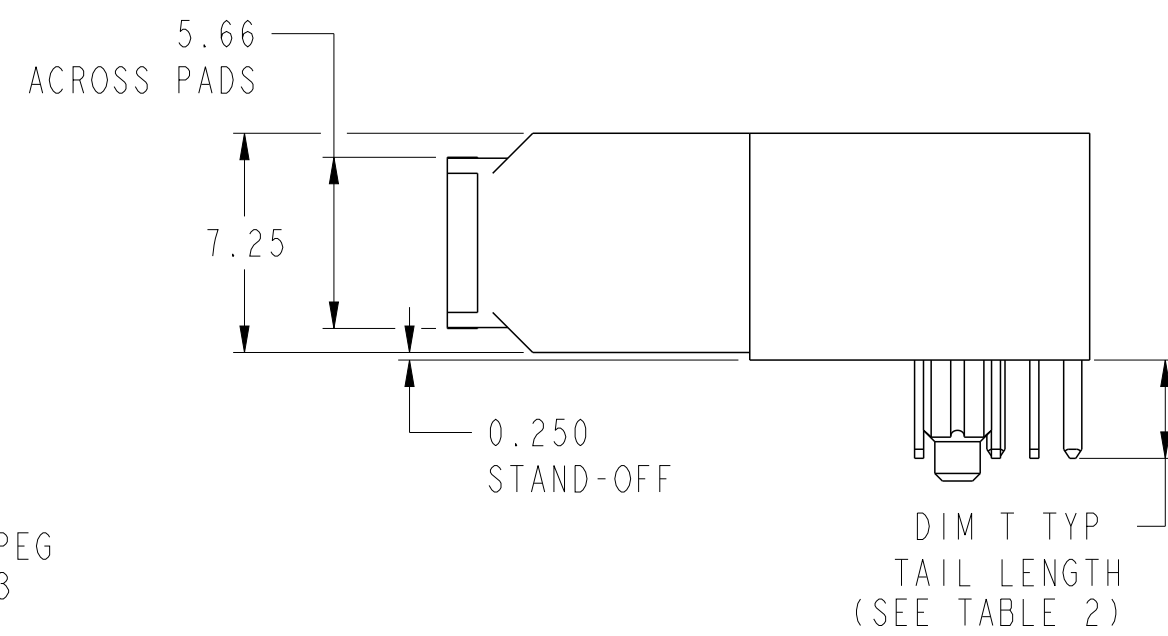
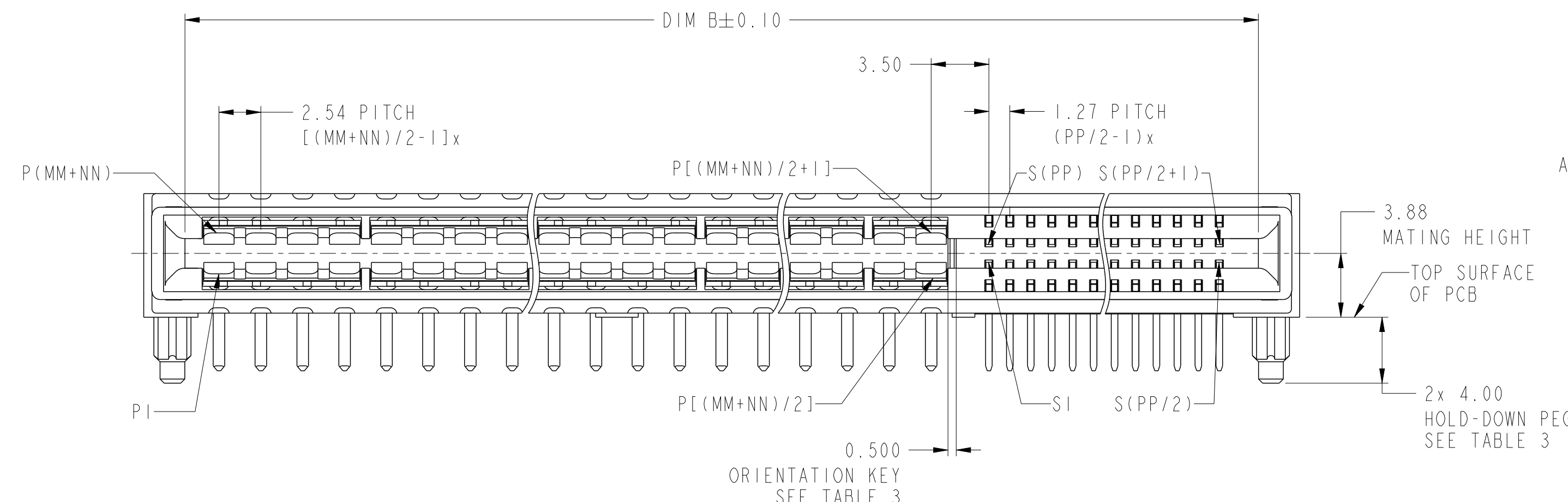
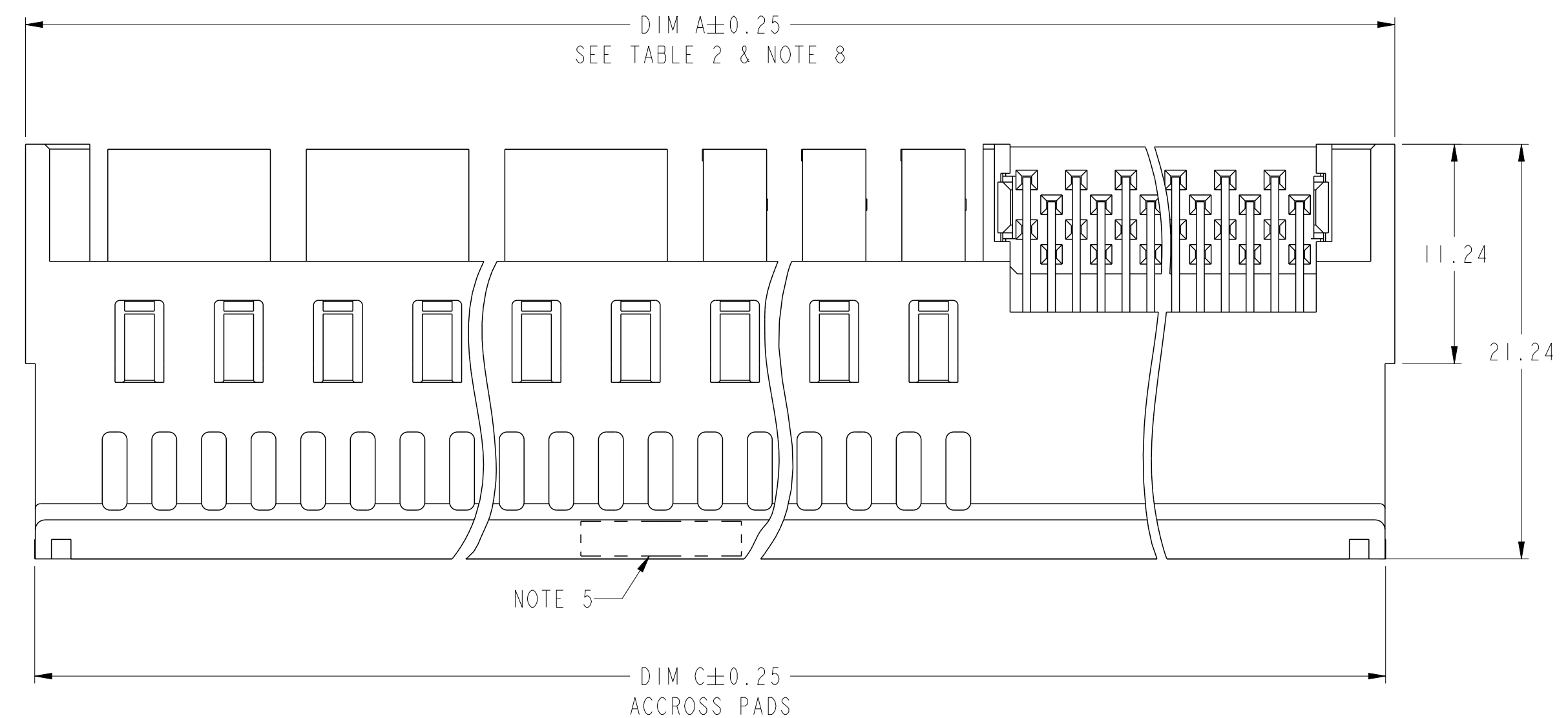
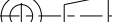
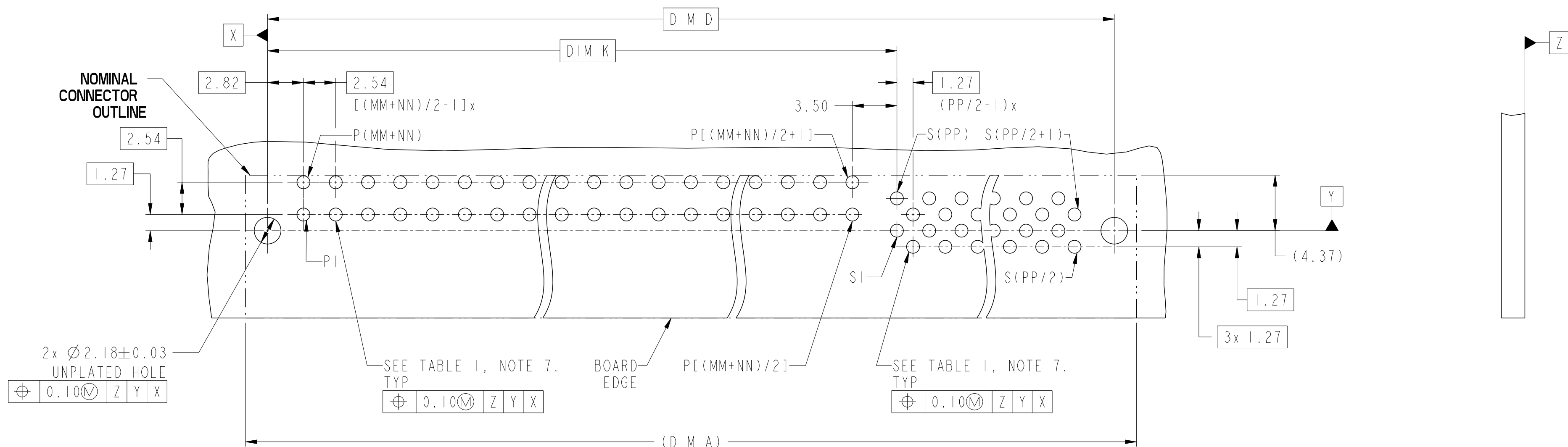




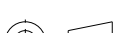
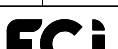
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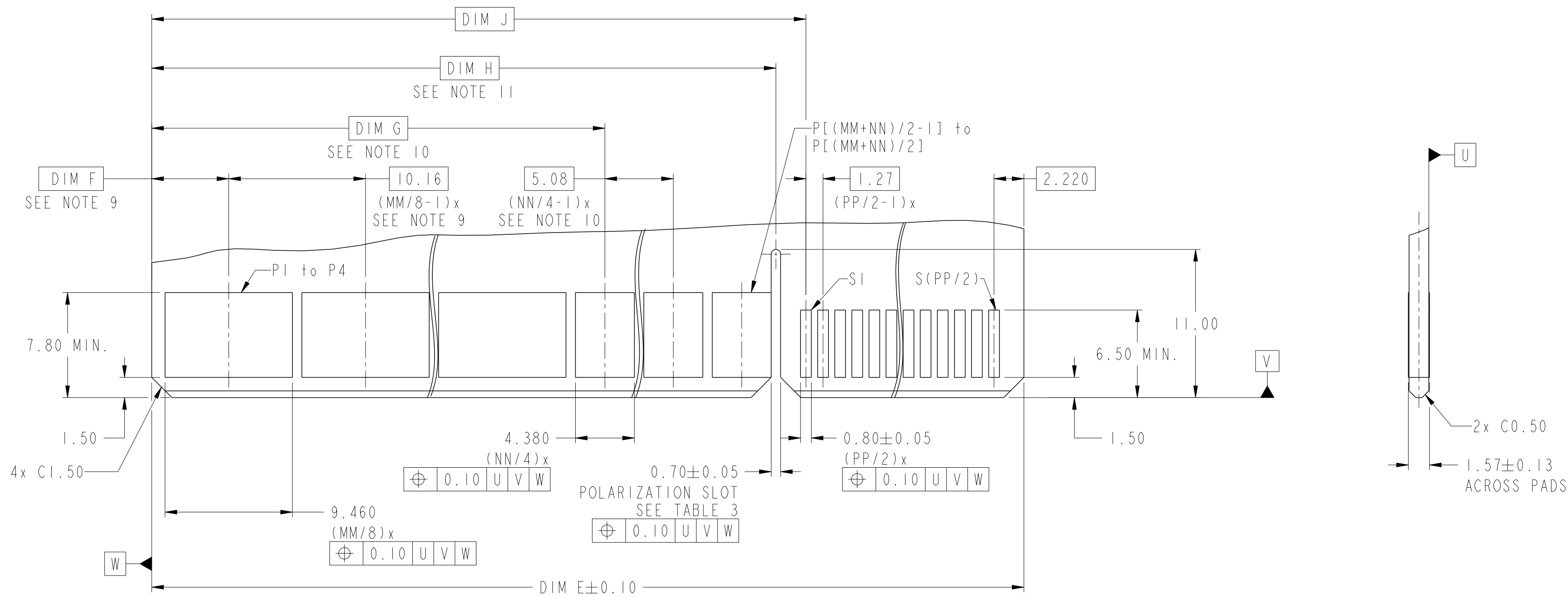
spec ref		-		dr		Hai-Ling Liu		2014/07/16		projection		MM		size		A2		scale		4:1			
tolerance std		ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sunny2 Liu		2015/11/25						ecn no		ELX-DG-22466-1					
surface		linear		0.X		±0.5		FCI		title		HPCE R/A - ENHANCED WALL				dwg no		10130961		rev		B	
				0.XX		±0.25		0.XXX															
ISO 1302		angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 4									

1	2	3	4	5	6	7	8
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	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	--	0.94 - 1.10	



RECOMMENDED PCB LAYOUT
DIMENSION TOLERANCE IS ± 0.05 mm

dr	Hai-Ling Liu	2014/07/16	projection	MM	size	A2	scale	4:1
eng	Sunny2 Liu	2015/11/25					ecn no	ELX-DG-22466-1
chr	Terris Liu	2015/11/25	product family	rel level			Released	
appr	Pei-Ming Zheng	2015/11/25						
	title	HPCE R/A - ENHANCED WALL			dwg no	10130961		rev
		P+S CONFIGURATION- UNIVERSAL				B		
www.fci.com	cat. no.	Product - Customer Drw				sheet 2 of 4		



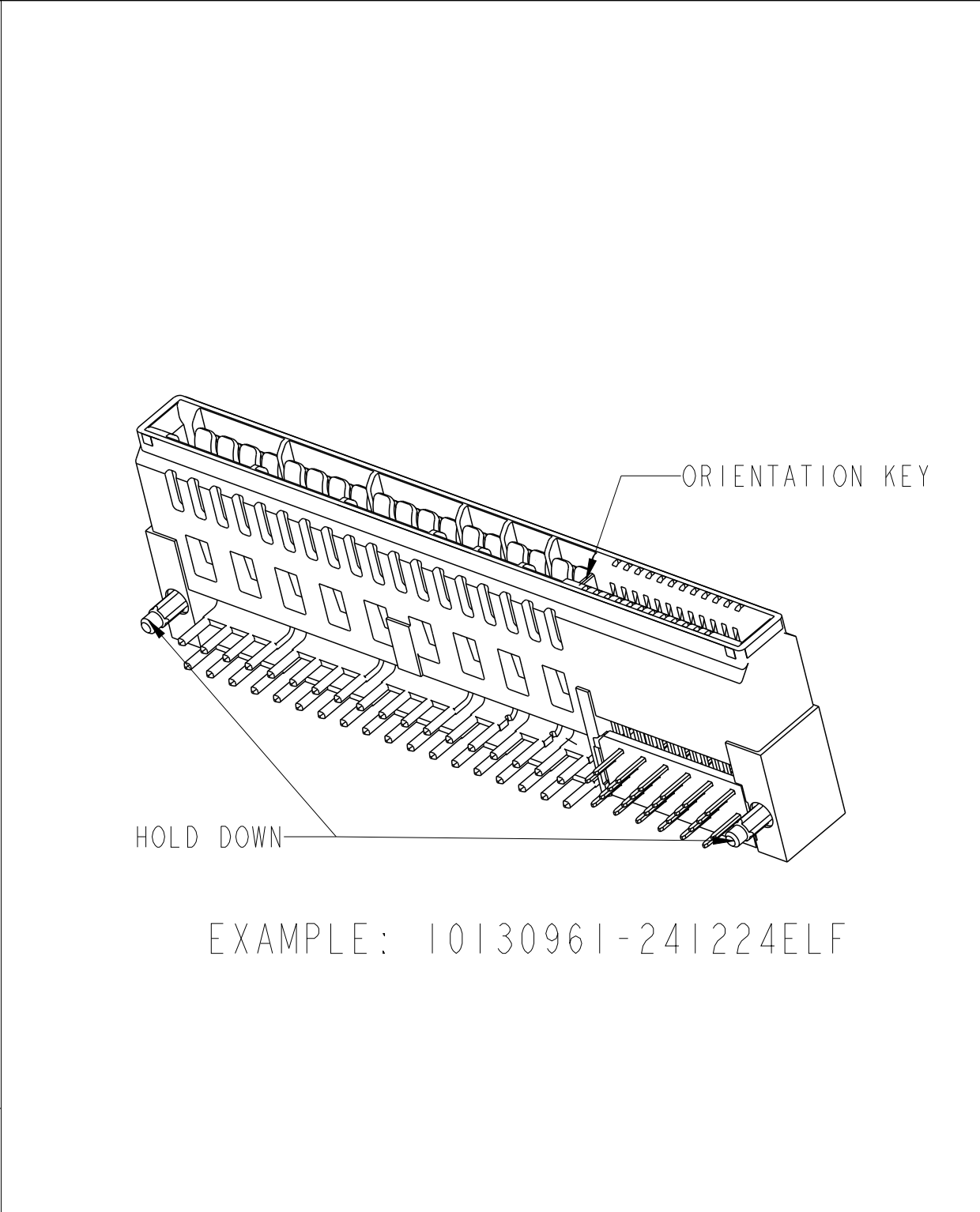
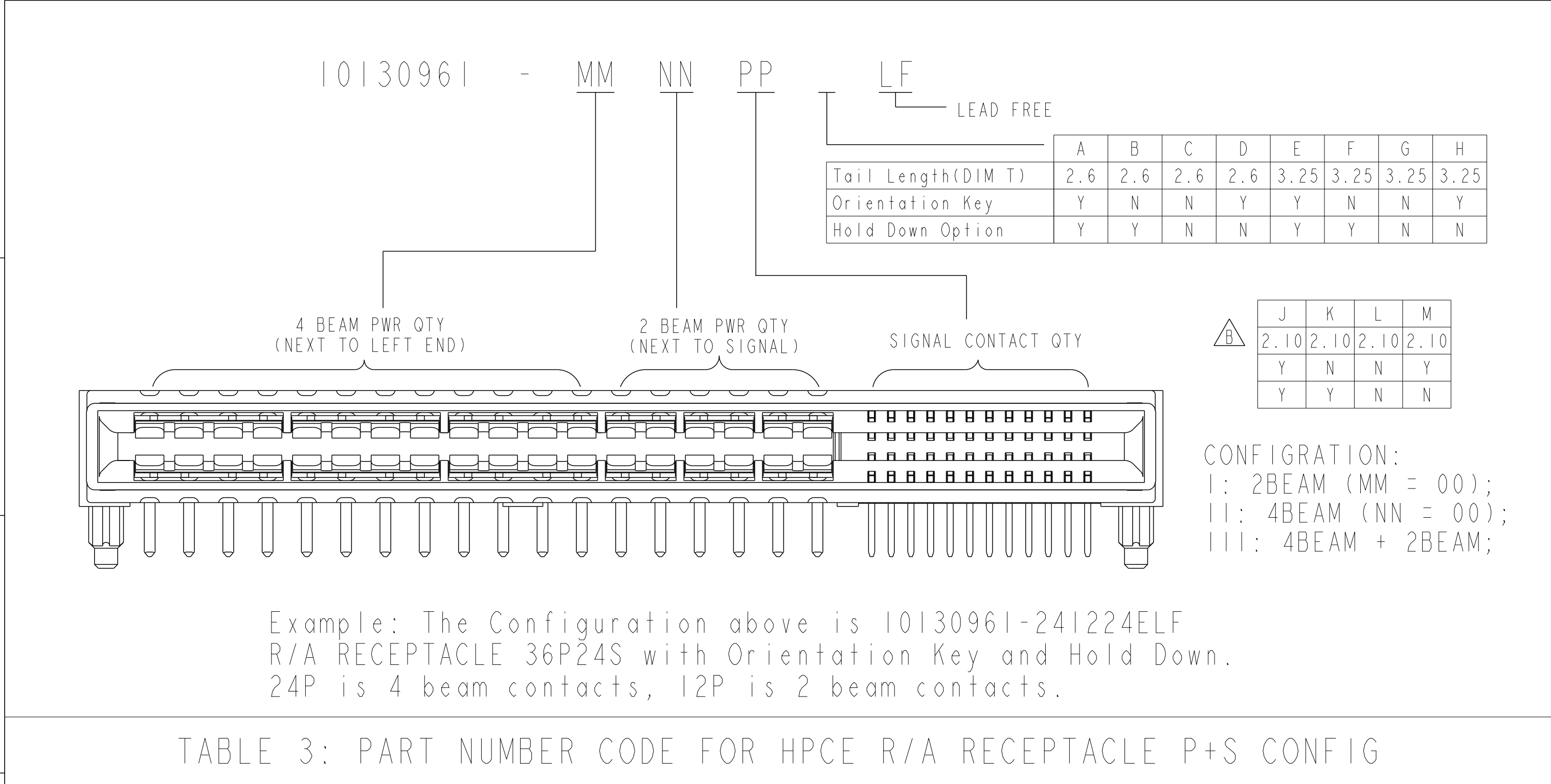
RECOMMENDED MATING BOARD
FOOT PRINT
DIMENSION TOLERANCE IS ± 0.05 mm

dr	Hai-Ling Liu	2014/07/16			size	A2	scale	4:1
eng	Sunny2 Liu	2015/11/25			ecn no	ELX-DG-22466-1		
chr	Terris Liu	2015/11/25			rel level	Released		
appr	Pei-Ming Zheng	2015/11/25	product family					
			title			HPCE R/A - ENHANCED WALL		rev
			P+S CONFIGURATION- UNIVERSAL			10130961		B
www.fci.com			cat. no.		Product - Customer Drw		sheet 3 of 4	

PDS: Rev :B

STATUS:Released

Printed: Nov 26, 2015



- 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.

△B 5. PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS FCI SPECIFICATION GS-24-007.

6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.

7. ALL HOLE SIZES ARE FINISHED HOLE SIZES.

8. MAXIMUM OVERALL LENGTH IS 100mm.

9. DIM IS NOT APPLICABLE IF NO 4 BEAM CONTACT.

10. DIM IS NOT APPLICABLE IF NO 2 BEAM CONTACT.

11. DIM IS NOT APPLICABLE IF NO ORIENTATION KEY.

12. A △B WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH CURRENT DRAWING VERSION.

DIM	TABLE 2: LENGTH FORMULAS	
DIM A	$(MM + NN) / 2 \times 2.54 + (PP / 2) \times 1.27 + 9.12$	
DIM B	DIM A - 5.00	
DIM C	DIM A - 0.94	
DIM D	DIM A - 3.48	
DIM E	DIM A - 5.30	
DIM F	CONFIG. I	5.72
	CONFIG. II	-
	CONFIG. III	5.72
DIM G	CONFIG. I	-
	CONFIG. II	3.18
	CONFIG. III	$(MM / 8 - 1) \times 10.16 + 13.34$
DIM H	$(MM / 8 - 1) \times 10.16 + (NN / 4 - 1) \times 5.08 + 15.88$	
DIM J	$(MM / 8 - 1) \times 10.16 + (NN / 4 - 1) \times 5.08 + 18.11$	
DIM K	$[(MM + NN) - 1] / 2 \times 2.54 + 6.32$	
DIM T	2.10, 2.60 OR 3.25	

dr

eng

chr

appr

Hai-Ling Liu

Sunny2 Liu

Terris Liu

Pei-Ming Zheng

2014/07/16

2015/11/25

2015/11/25

2015/11/25

projection

MM

size

A2

scale

4:1

ecn no

ELX-DG-22466-1

rel level

Released

product family

HPCE R/A - ENHANCED WALL
P+S CONFIGURATION- UNIVERSAL

cat. no.

10130961

rev

B

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Product - Customer Drw

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