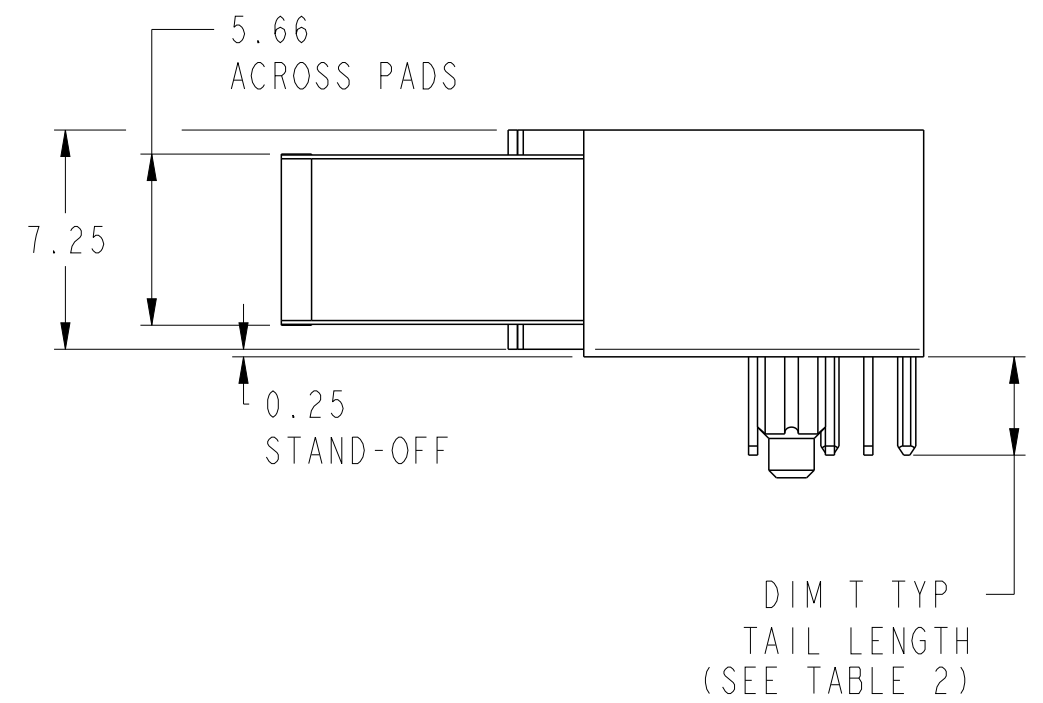
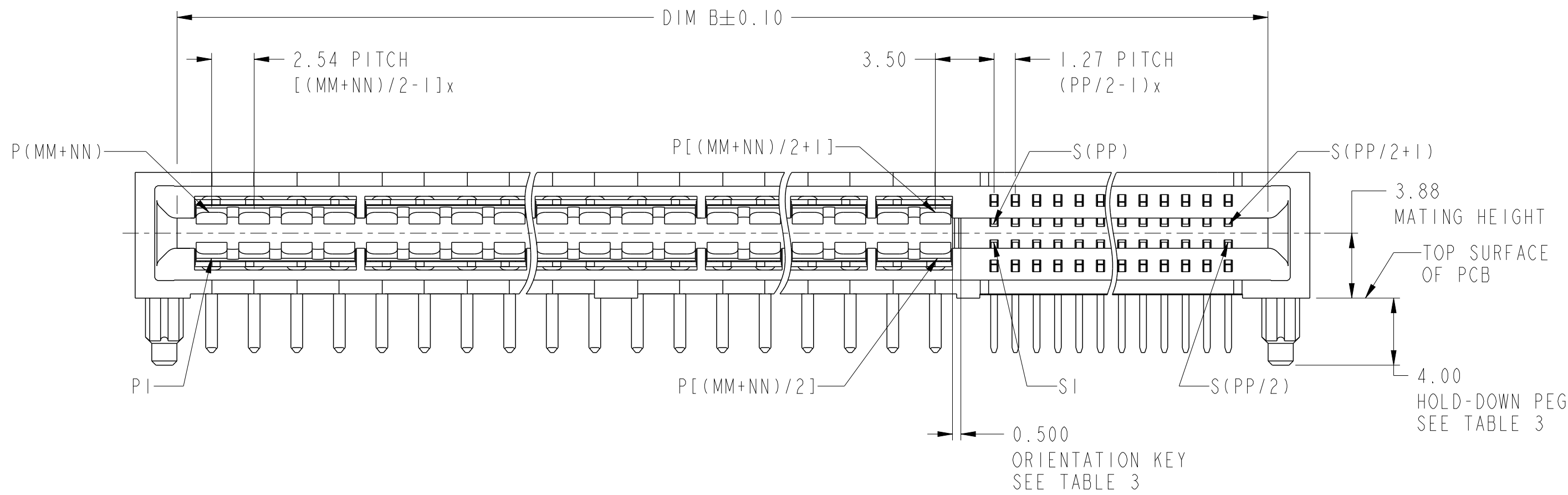
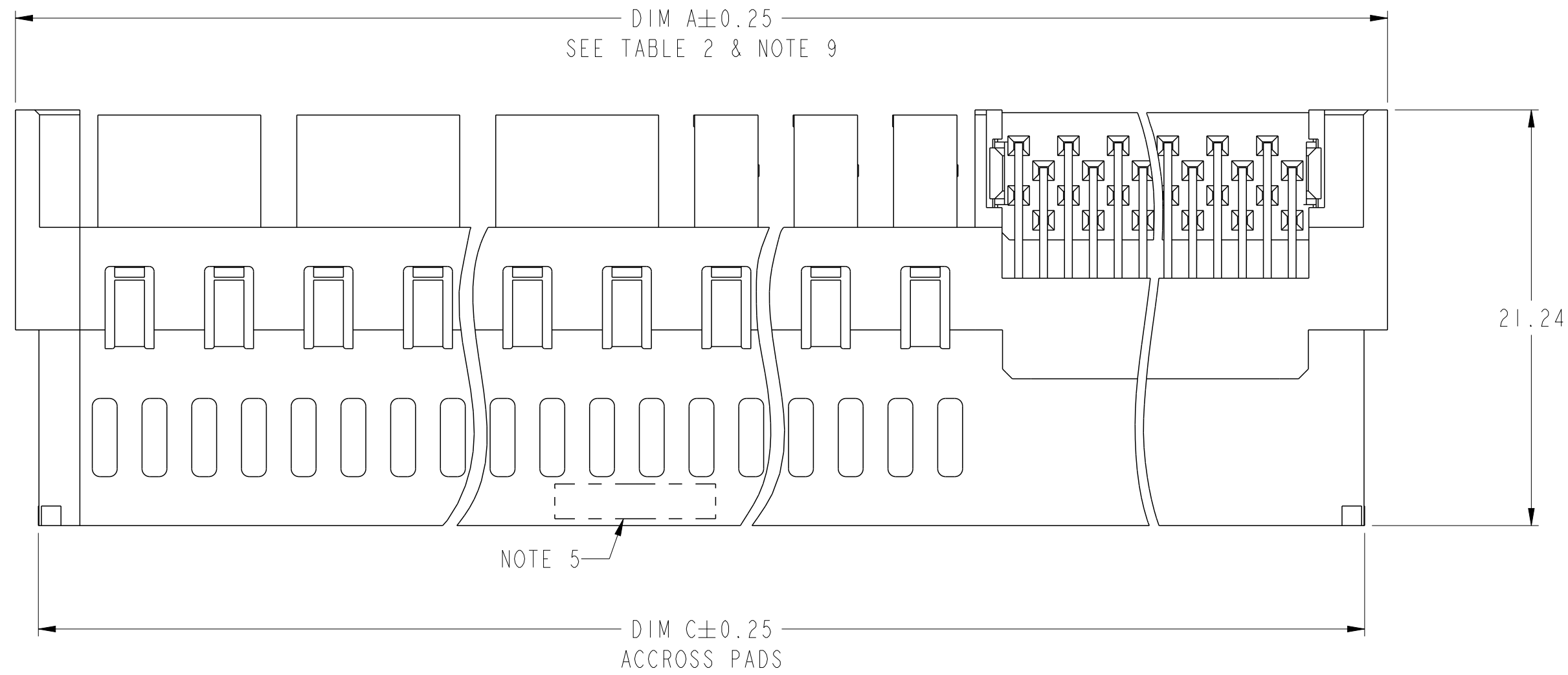
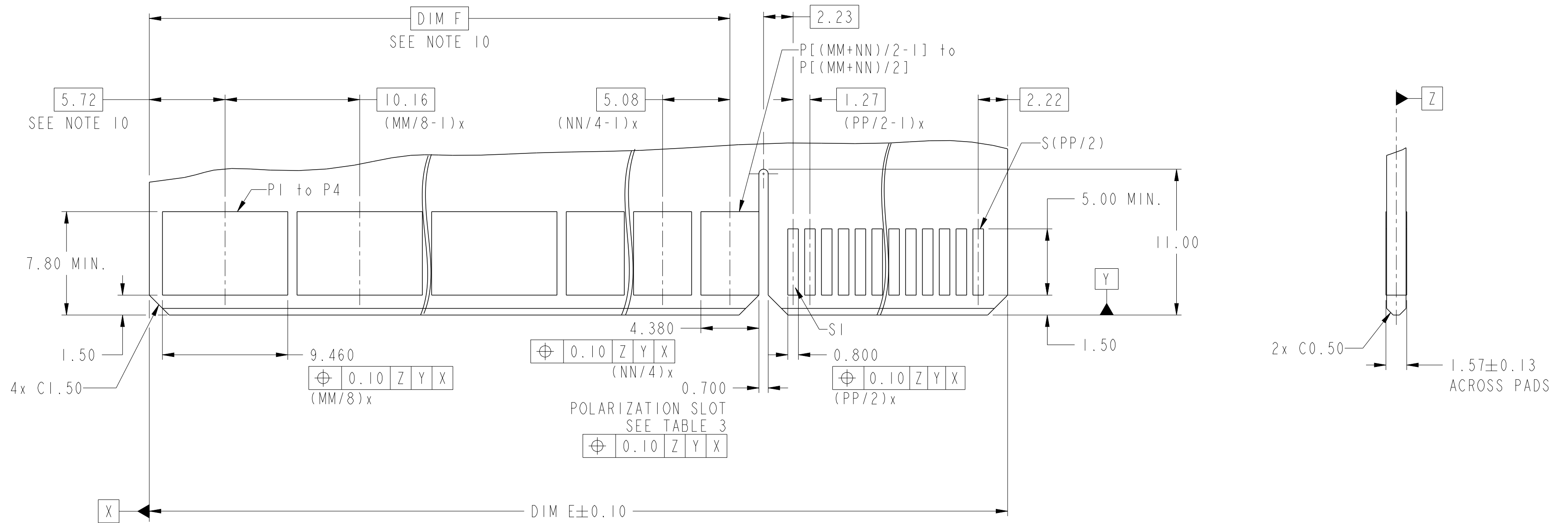




spec ref		-	dr		Hai-Ling Liu	2014/06/30	projection				size	A2	scale	4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng		Ada Ye	2018/08/30					ecn no		ELX-DG-31039-1		
ISO 406 ISO 1101			chr		Feng Zheng	2018/08/31					rel level		Released		
			appr		Zheng, Pei-Min	2018/08/31	product family								
surface			linear			title		R/A RECEPTACLE		dwg no		10130788		rev	C
						0.X		±0.50							
						0.XX		±0.25							
ISO 1302		angular	0°	±2°			cat. no.		Product - Customer Drw		sheet 1 of 4				



RECOMMENDED MATING BOARD
FOOT PRINT
DIMENSION TOLERANCE IS ± 0.05 mm

spec ref	-	dr	Hai-Ling Liu	2014/06/30	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Ada Ye	2018/08/30	chr	Feng Zheng	ecn no	ELX-DG-31039-1		
		appr	Zheng, Pei-Min	2018/08/31	product family		rel level	Released		
surface	ISO 1302	linear	0.X	± 0.50	Amphenol FCi			R/A RECEPTACLE HIGH POWER CARD EDGE - UNIVERSAL		cat. no.
			0.XX	± 0.25						
			0.XXX	± 0.10						
		angular	0°	$\pm 2^\circ$						
						Product - Customer Drw			sheet 3 of 4	

10130788 - MM NN PP LF

LEAD FREE

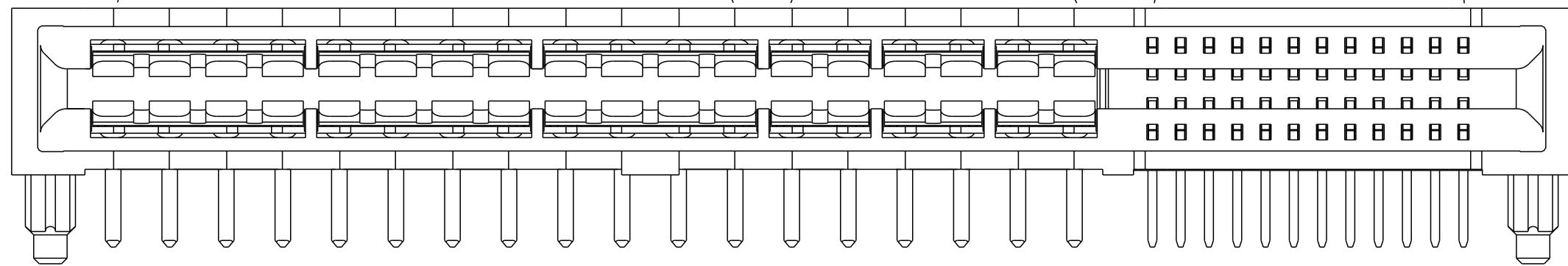
	A	B	C	D	E	F	G	H
Tail Length(DIM T)	2.6	2.6	2.6	2.6	3.25	3.25	3.25	3.25
Orientation Key	Y	N	N	Y	Y	N	N	Y
Hold Down Option	Y	Y	N	N	Y	Y	N	N

	J	K	L	M
	4.05	4.05	4.05	4.05
	Y	N	N	Y
	Y	Y	N	N

4 BEAM PWR QTY
(NEXT TO LEFT END)

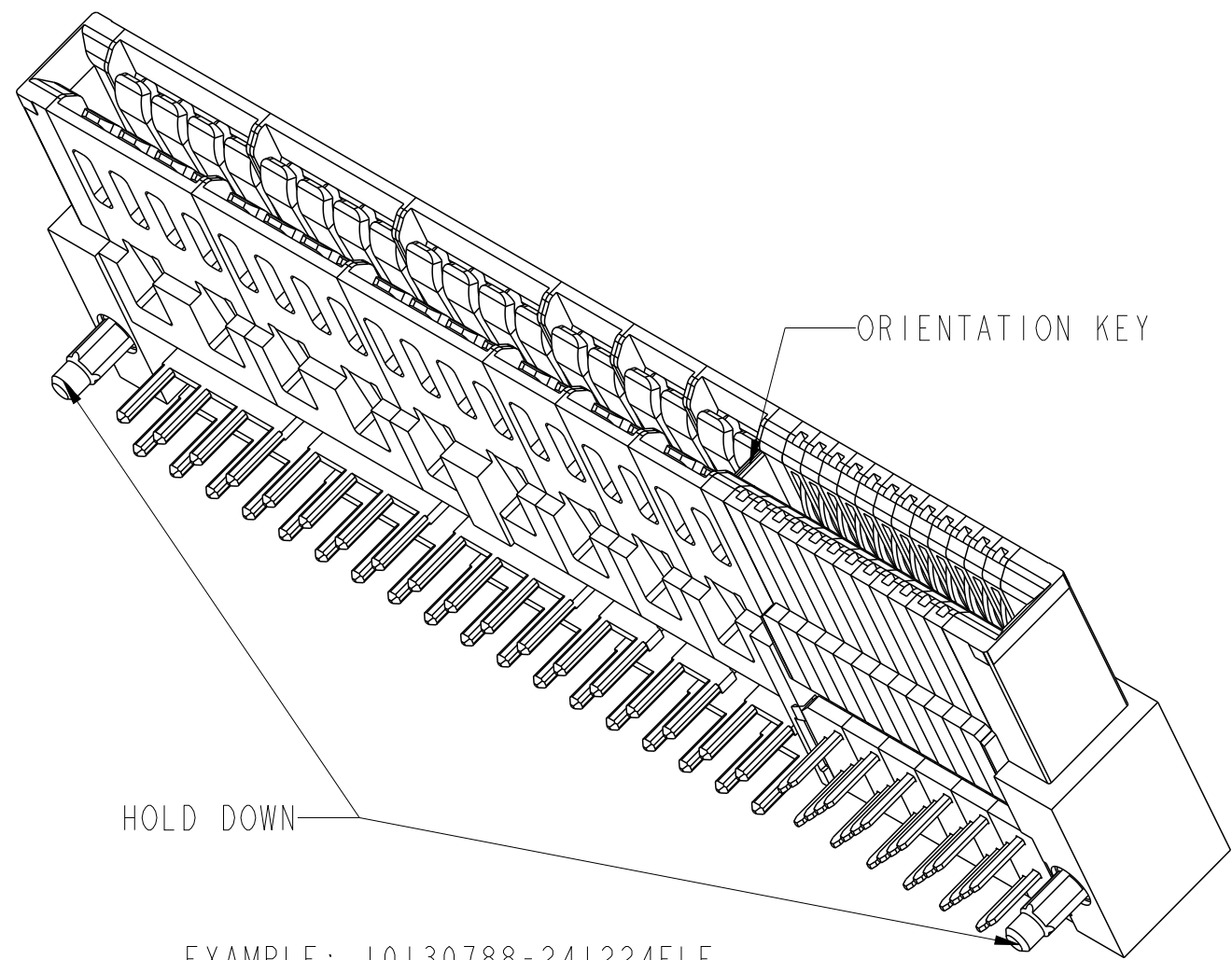
2 BEAM PWR QTY
(NEXT TO SIGNAL)

SIGNAL CONTACT QTY



Example: The Configuration above is 10130788-241224ELF
R/A RECEPTACLE 36P24S with Orientation Key and Hold Down.
24P is 4 beam contacts, 12P is 2 beam contacts.

TABLE 3: PART NUMBER CODE FOR HPCE R/A RECEPTACLE P+S CONFIG



EXAMPLE: 10130788-241224ELF

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 ON HOUSING IN AREA SHOWN MEETS AFCI SPECIFICATION: GS-24-007.

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

7. ALL HOLE SIZES ARE FINISHED HOLE SIZES.

8. MOUNTING HOLES ARE UNPLATED
Ø 2.18 +/- 0.03 FOR SOLDER TAILS

9. MAXIMUM OVERALL LENGTH IS 100mm.

10. DIM IS NOT APPLICABLE IF NO 4 BEAM CONTACT OR 2 BEAM CONTACT.

11. A SYMBOL  WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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	$DIM A - 2.34$
DIM D	$DIM A - 3.48$
DIM E	$DIM A - 5.30$
DIM F	$(MM / 8 - 1) \times 10.16 + (NN / 4 - 1) \times 5.08 + 13.34$ (WITH 4 BEAM CONTACT) $(NN / 4 - 1) \times 5.08 + 3.18$ (WITHOUT 4 BEAM CONTACT)
DIM T	2.6 or 3.25 or 4.05

spec ref	-	dr	Hai-Ling Liu	2014/06/30	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Ada Ye	2018/08/30	chr	Feng Zheng	ecn no	ELX-DG-31039-1		
		appr	Zheng, Pei-Min	2018/08/31	product family		rel level	Released		
surface	linear	0.X	±0.50				cat. no.	Product - Customer Drw	sheet 4 of 4	
		0.XX	±0.25							
		0.XXX	±0.10							
	angular	0°	±2°							