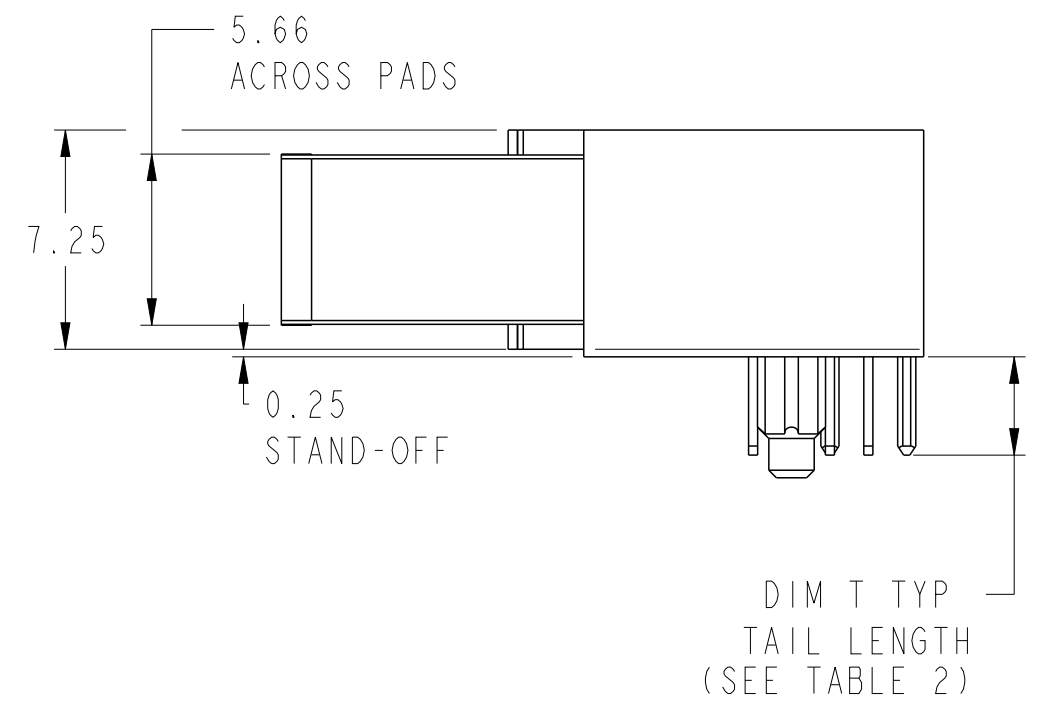
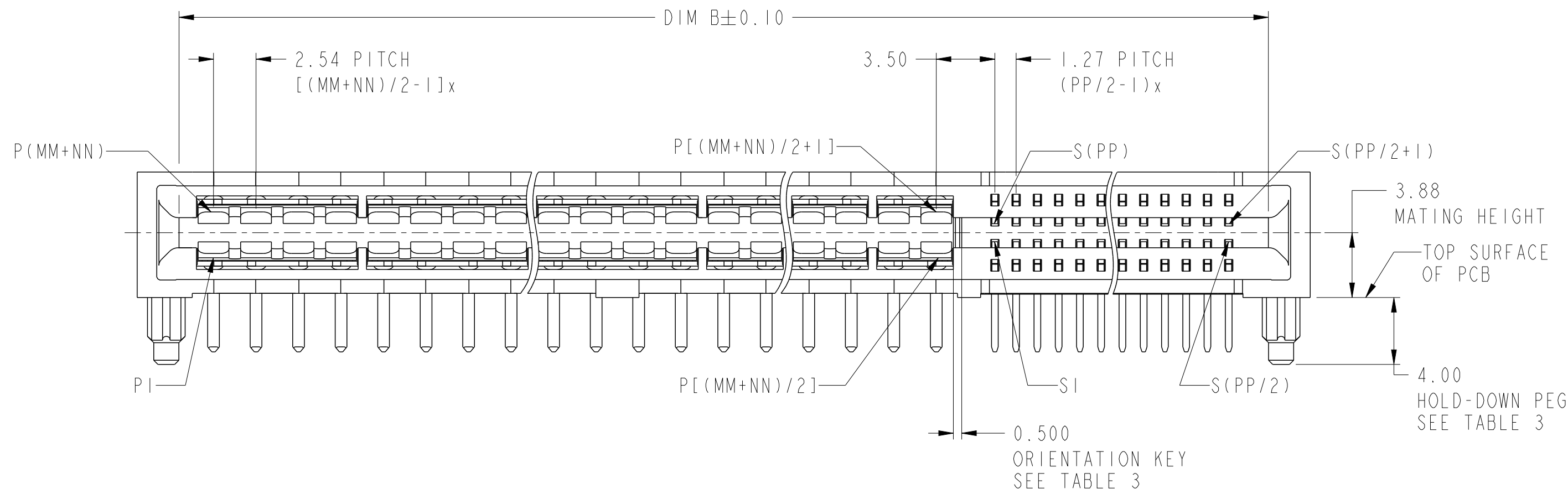
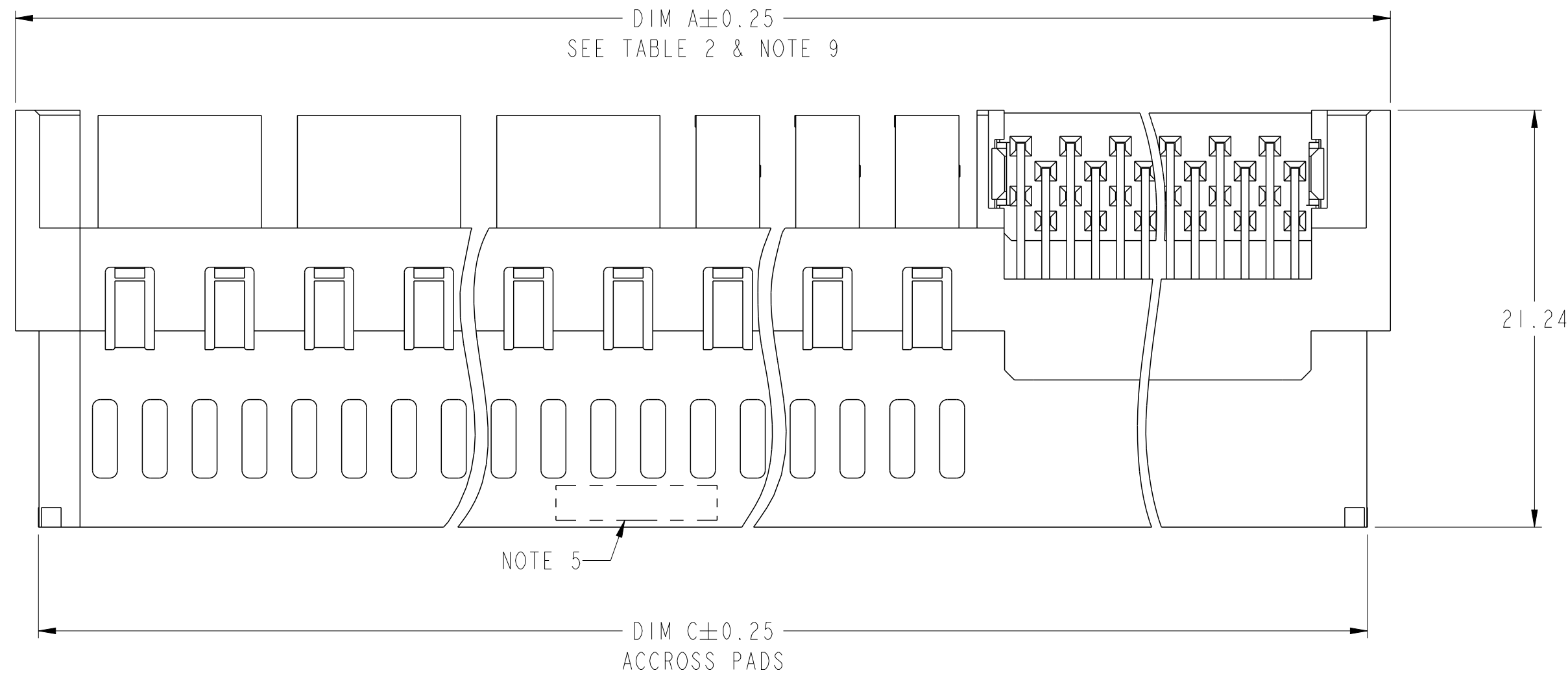
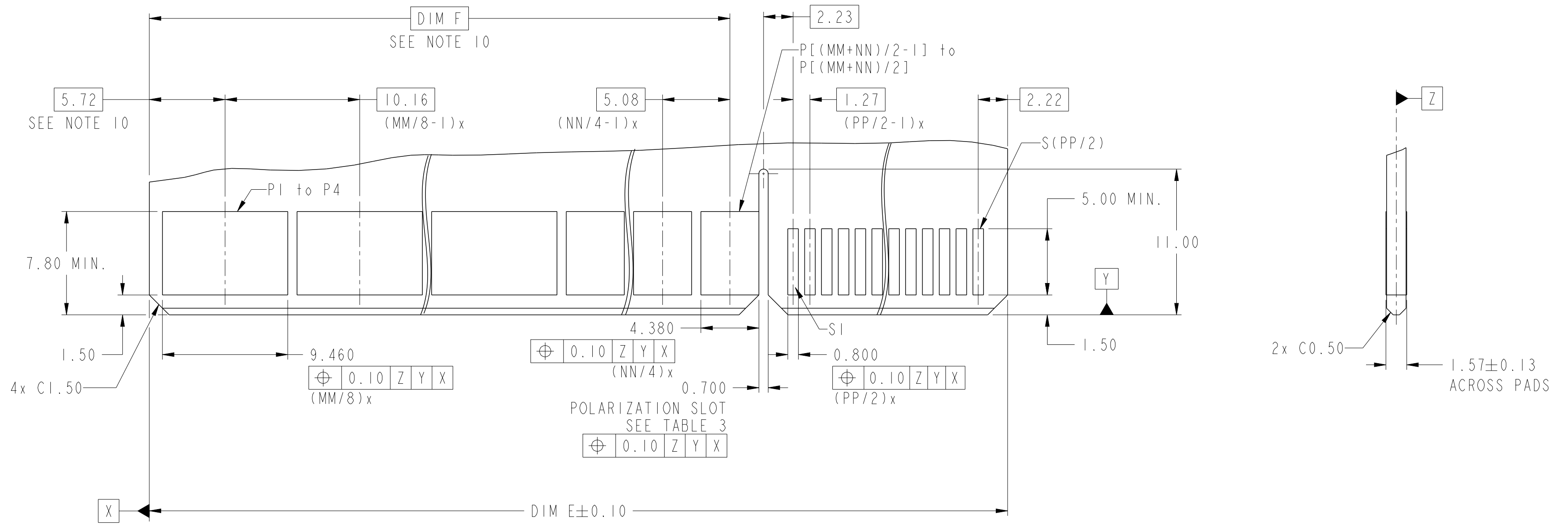




spec ref		-		dr		Hai-Ling Liu		2014/06/30		projection						size		A2		scale		4:1	
tolerance std		ISO 406 ISO 1101		eng		Ada Ye		2018/08/30		chr		Feng Zheng		2018/08/31		ecn no		ELX-DG-31039-1					
		TOLERANCES UNLESS OTHERWISE SPECIFIED		appr		Zheng, Pei-Min		2018/08/31		product family						rel level		Released					
surface		linear		0.X		±0.50		0.XX		±0.25		0.XXX		±0.10		angular		0°		±2°			
ISO 1302																							



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	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Ada Ye	2018/08/30					ecn no	ELX-DG-31039-1		
		chr	Feng Zheng	2018/08/31	product family						rel level	Released		
				appr	Zheng, Pei-Min	2018/08/31								
surface	linear	0.X	±0.50	Amphenol FCI	title	R/A RECEPTACLE				dwg no	10130788	rev	C	
		0.XX	±0.25			HIGH POWER CARD EDGE - UNIVERSAL								
		0.XXX	±0.10											
ISO 1302	angular	0°	±2°		cat. no.	Product - Customer Drw		sheet 3 of 4						

10130788 - MM NN PP LF

LEAD FREE

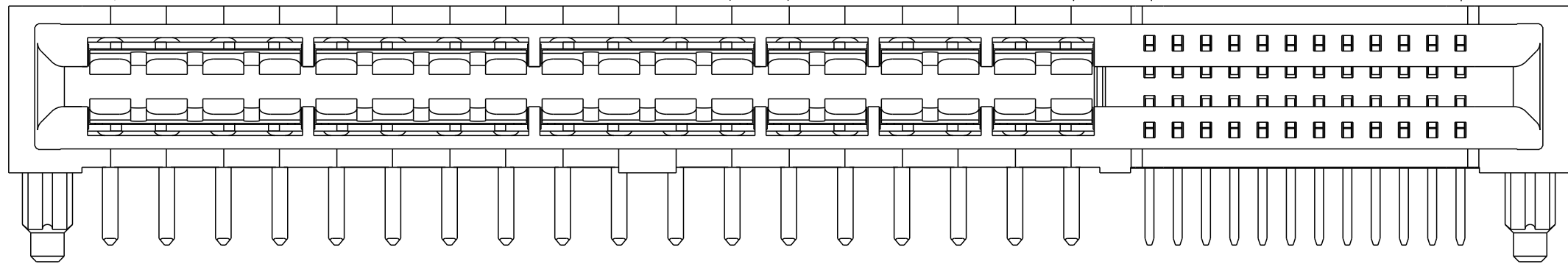
	A	B	C	D	E	F	G	H
Tail Length(DIM T)	2.6	2.6	2.6	2.6	3.25	3.25	3.25	3.25
Orientation Key	Y	N	N	Y	Y	N	N	Y
Hold Down Option	Y	Y	N	N	Y	Y	N	N

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

4 BEAM PWR QTY
(NEXT TO LEFT END)

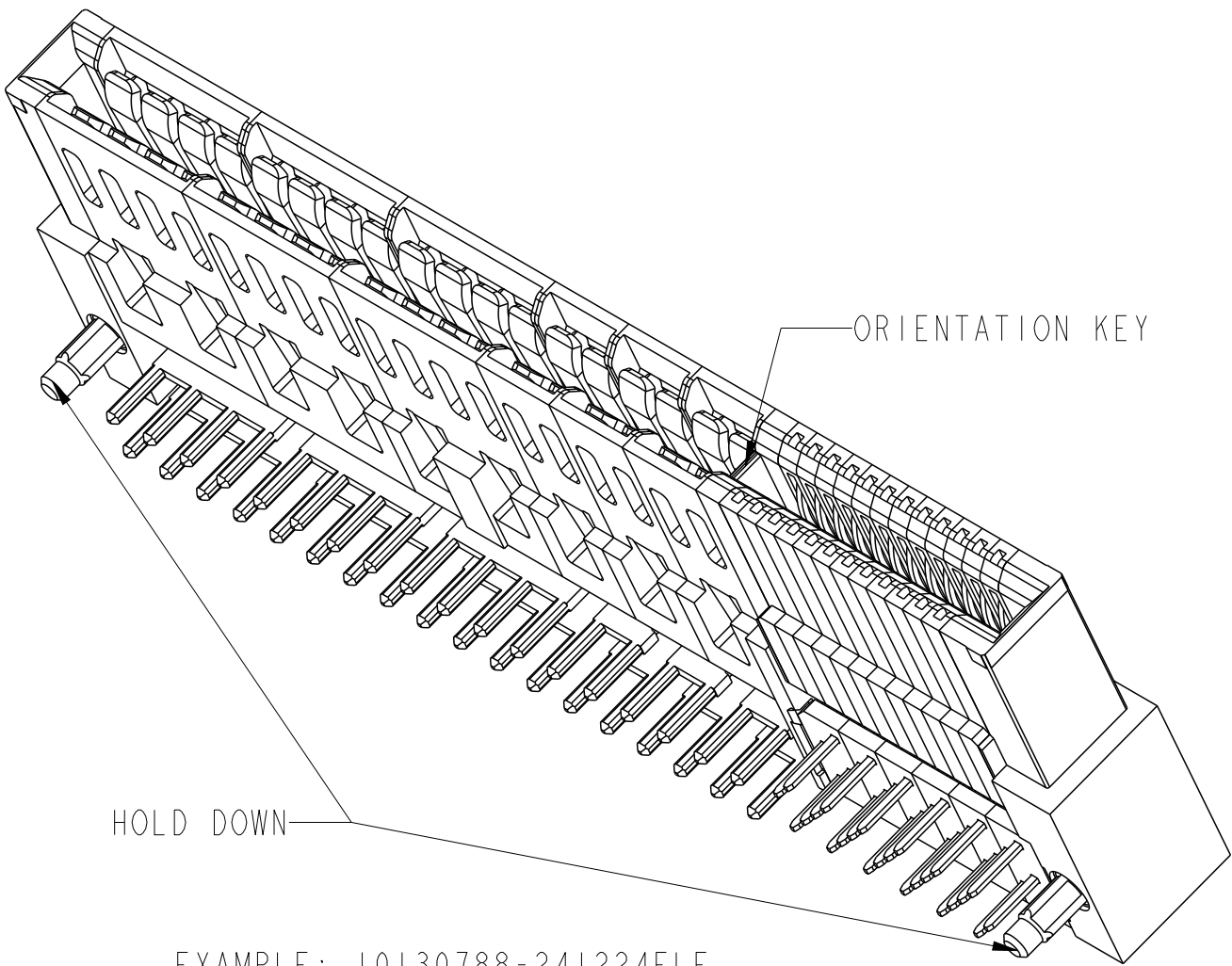
2 BEAM PWR QTY
(NEXT TO SIGNAL)

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. MAXIUM 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 x 2.54 + (PP / 2) x 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) x 10.16 + (NN / 4 - 1) x 5.08 + 13.34 (WITH 4 BEAM CONTACT) (NN / 4 - 1) x 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							
		0.XX	±0.25							
		0.XXX	±0.10							
ISO 1302	angular	0°	±2°							
		Amphenol FCI		title		R/A RECEPTACLE		dwg no		10130788
						HIGH POWER CARD EDGE - UNIVERSAL				rev
						cat. no.		Product - Customer Drw		sheet 4 of 4