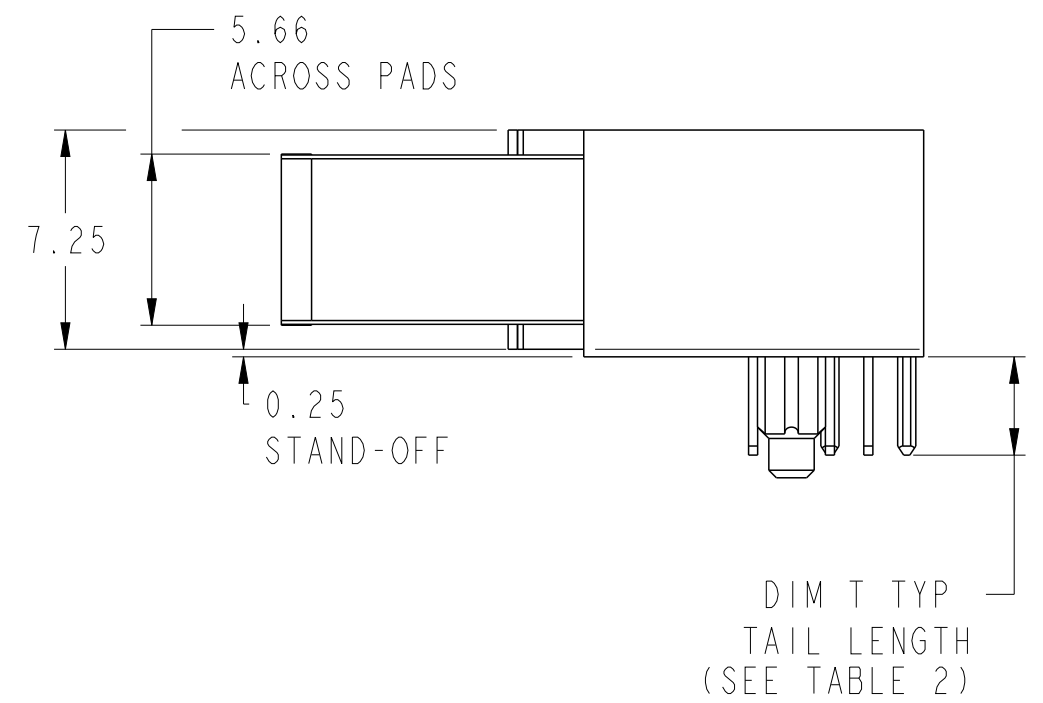
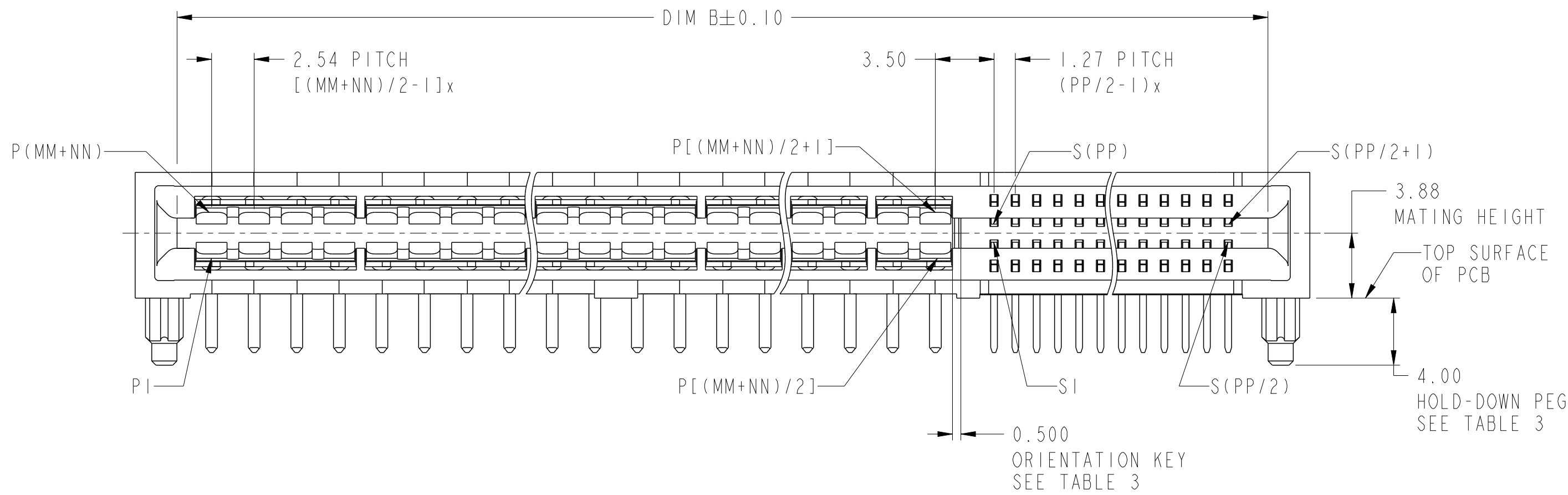
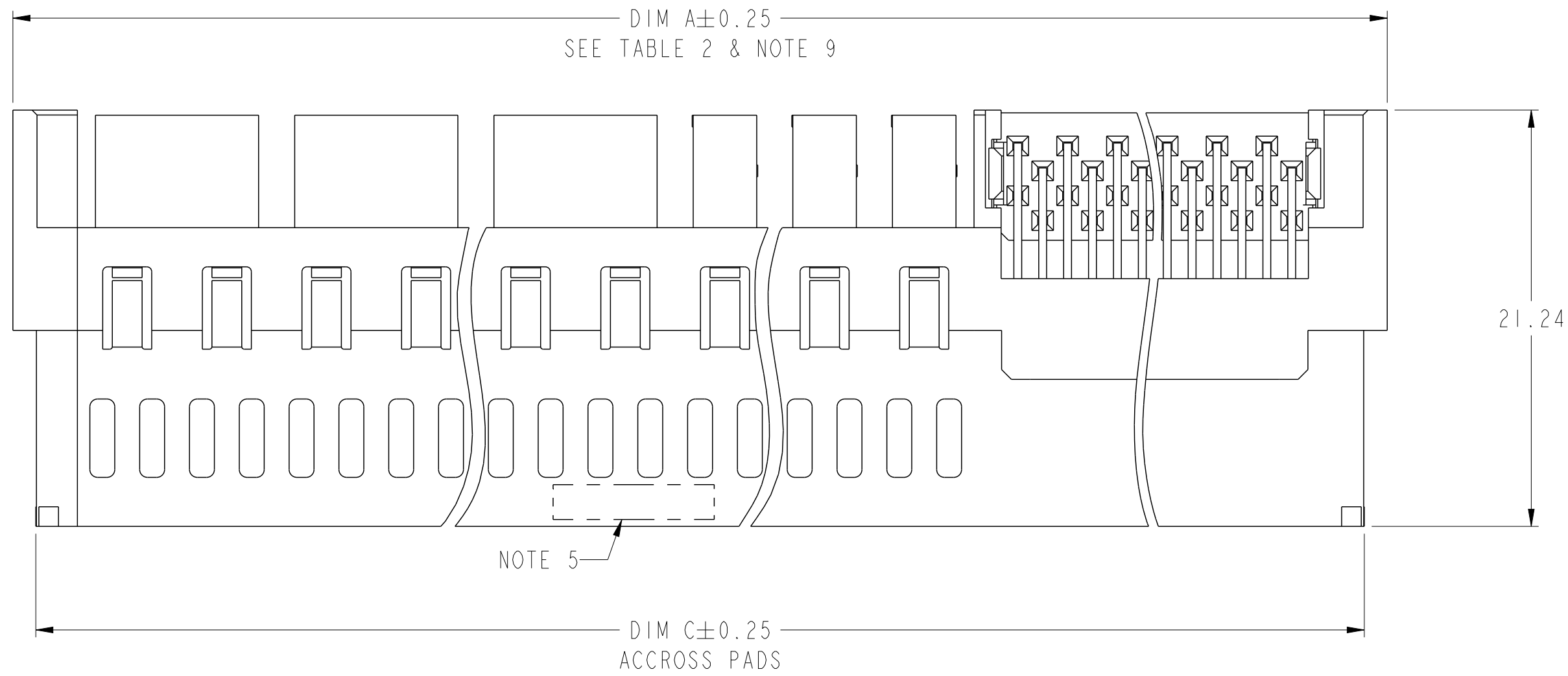
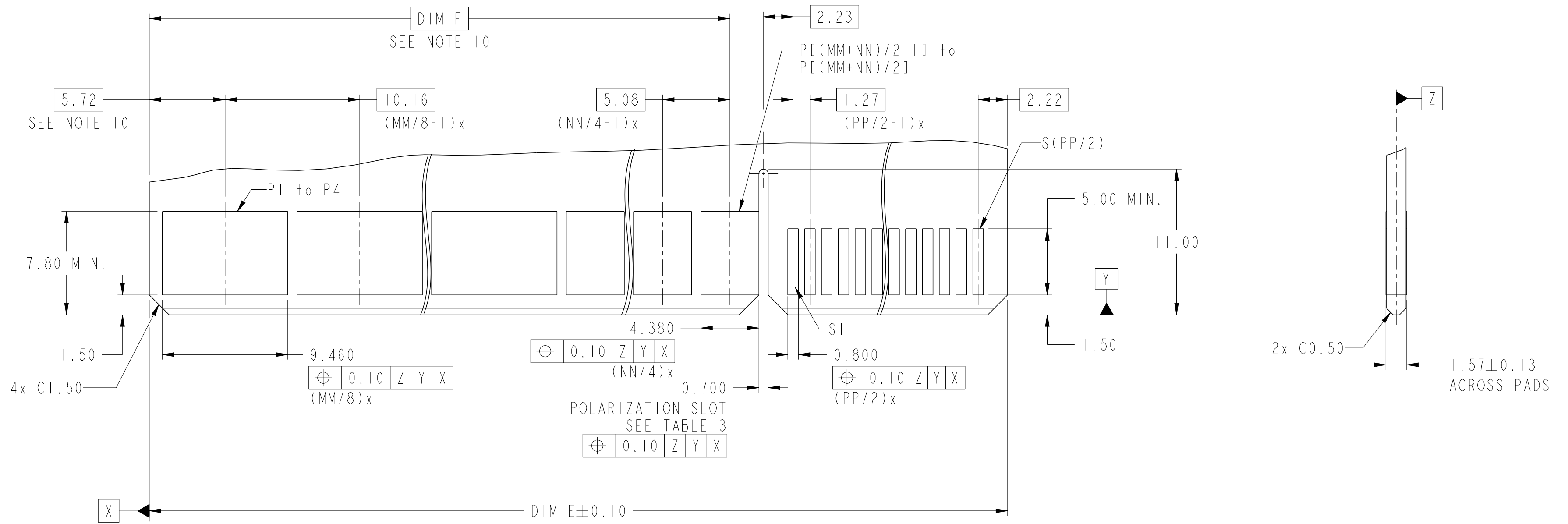




spec ref		-	dr		Hai-Ling Liu	2014/06/30	projection				size	A2	scale	4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng		Ada Ye	2018/08/30					ecn no		ELX-DG-31039-1		
ISO 406 ISO 1101			chr		Feng Zheng	2018/08/31					rel level		Released		
			appr		Zheng, Pei-Min	2018/08/31	product family								
surface			linear		Amphenol FCi	title		R/A RECEPTACLE		dwg no		10130788		rev	C
						0.X		±0.50							
						0.XX		±0.25							
						0.XXX		±0.10							
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

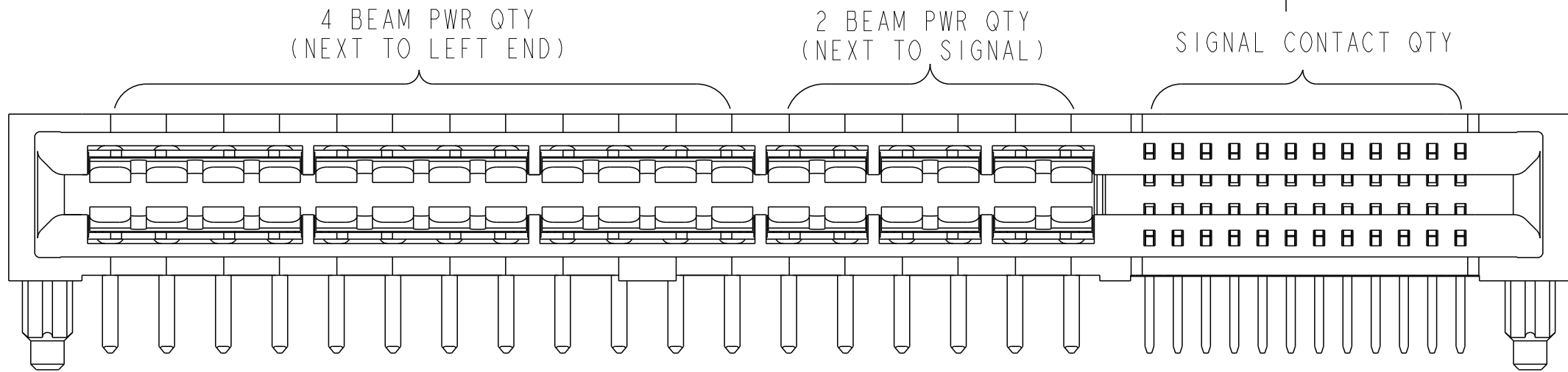
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tolerance std		ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Ada Ye		2018/08/30						ecn no		ELX-DG-31039-1			
						chr		Feng Zheng		2018/08/31						rel level		Released			
						appr		Zheng, Pei-Min		2018/08/31		product family									
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

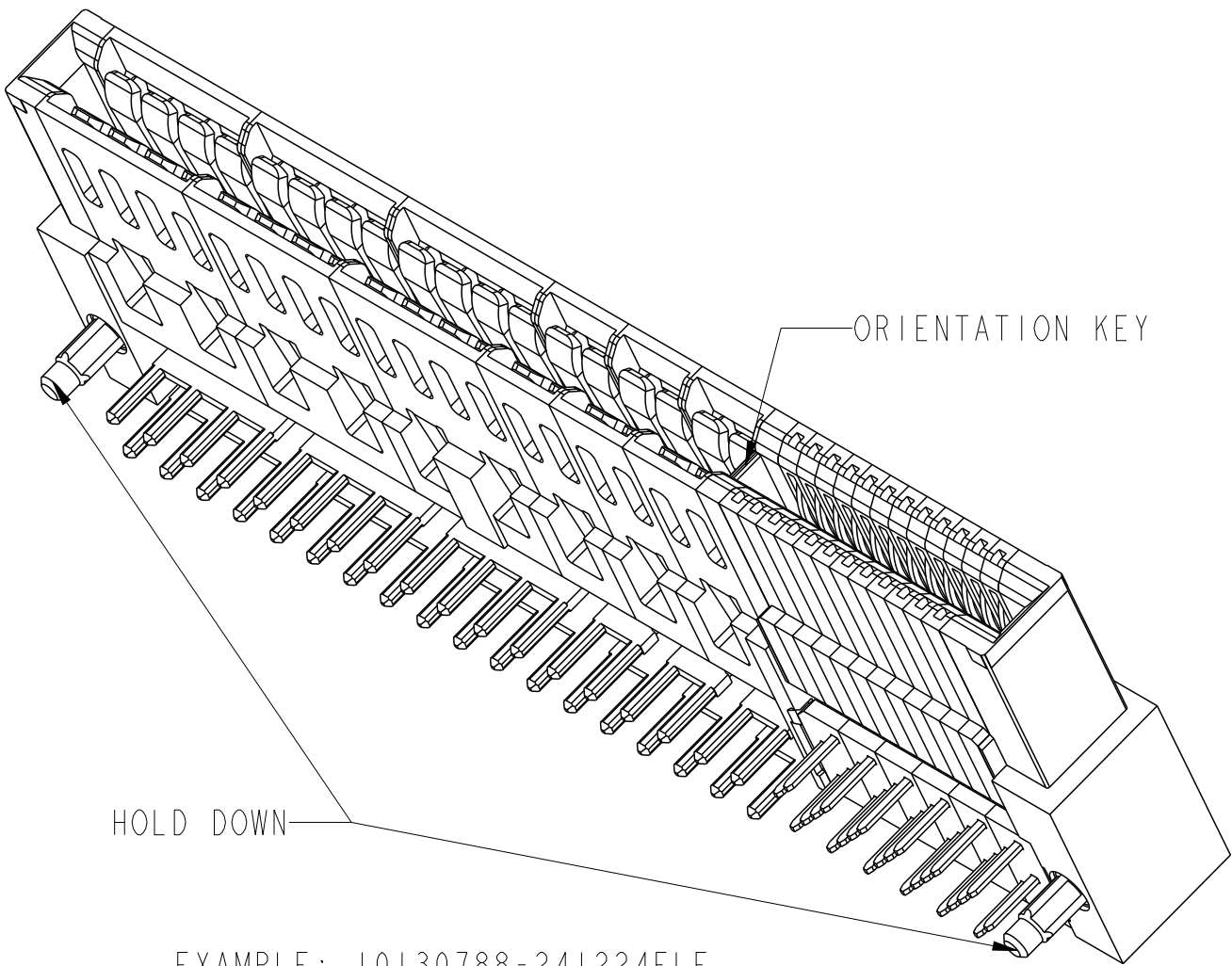
	A	B	C	D	E	F	G	H
Tail Length(DIM T)	2.6	2.6	2.6	2.6	3.25	3.25	3.25	3.25
Orientation Key	Y	N	N	Y	Y	N	N	Y
Hold Down Option	Y	Y	N	N	Y	Y	N	N

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



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



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				cat. no.	Product - Customer Drw	sheet 4 of 4	
	angular	0°	±2°							