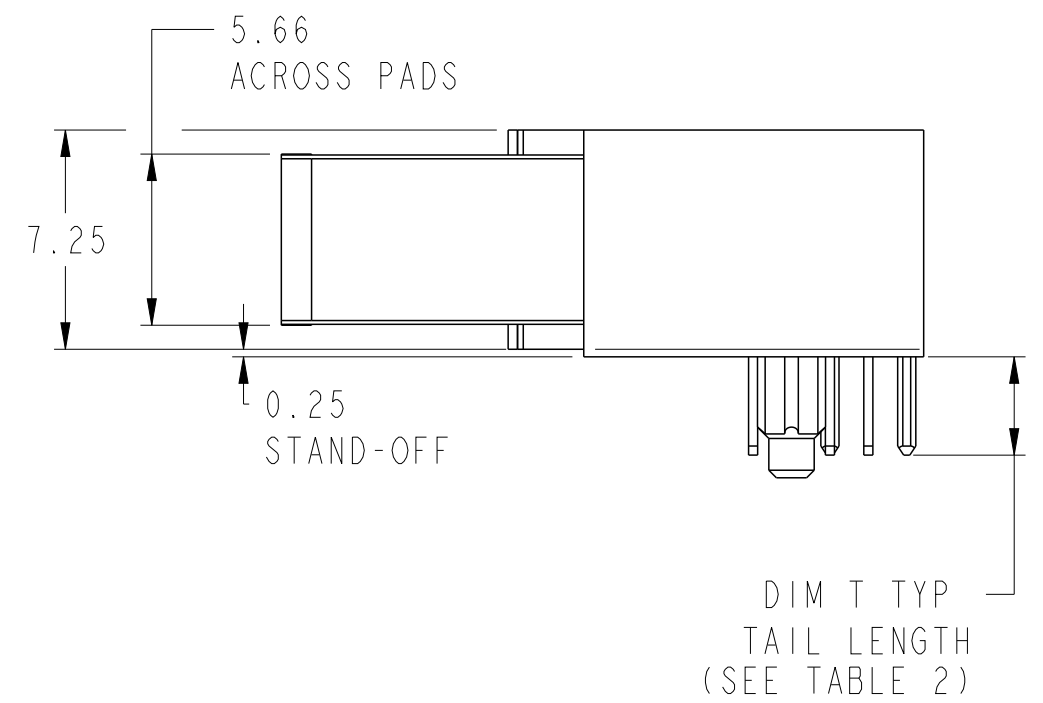
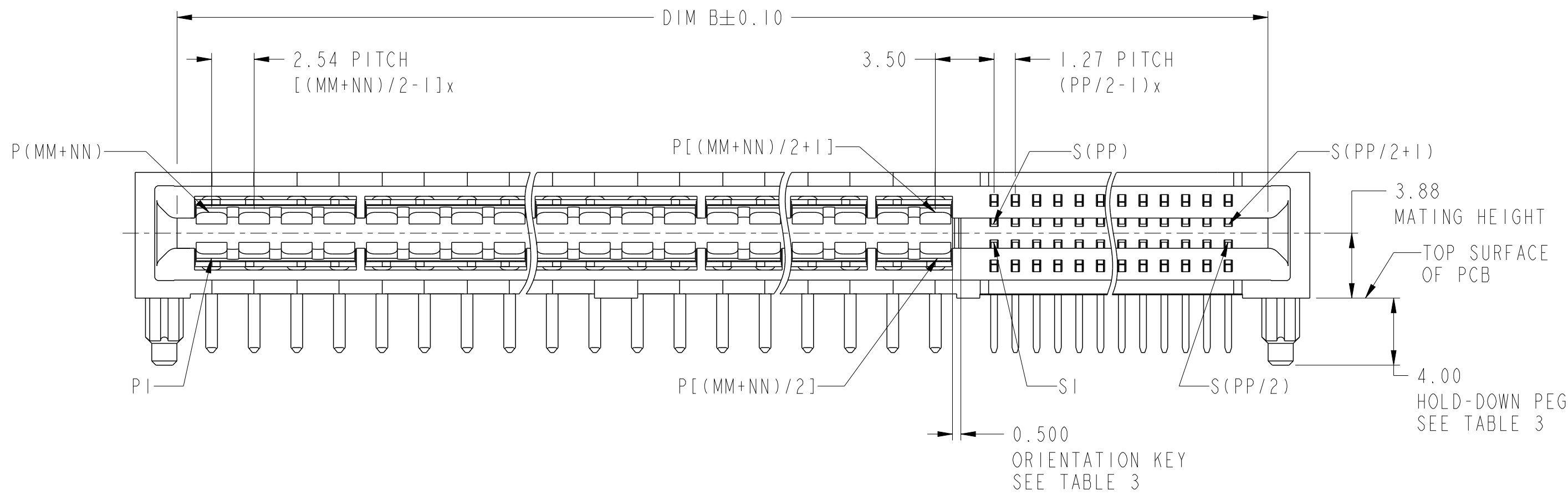
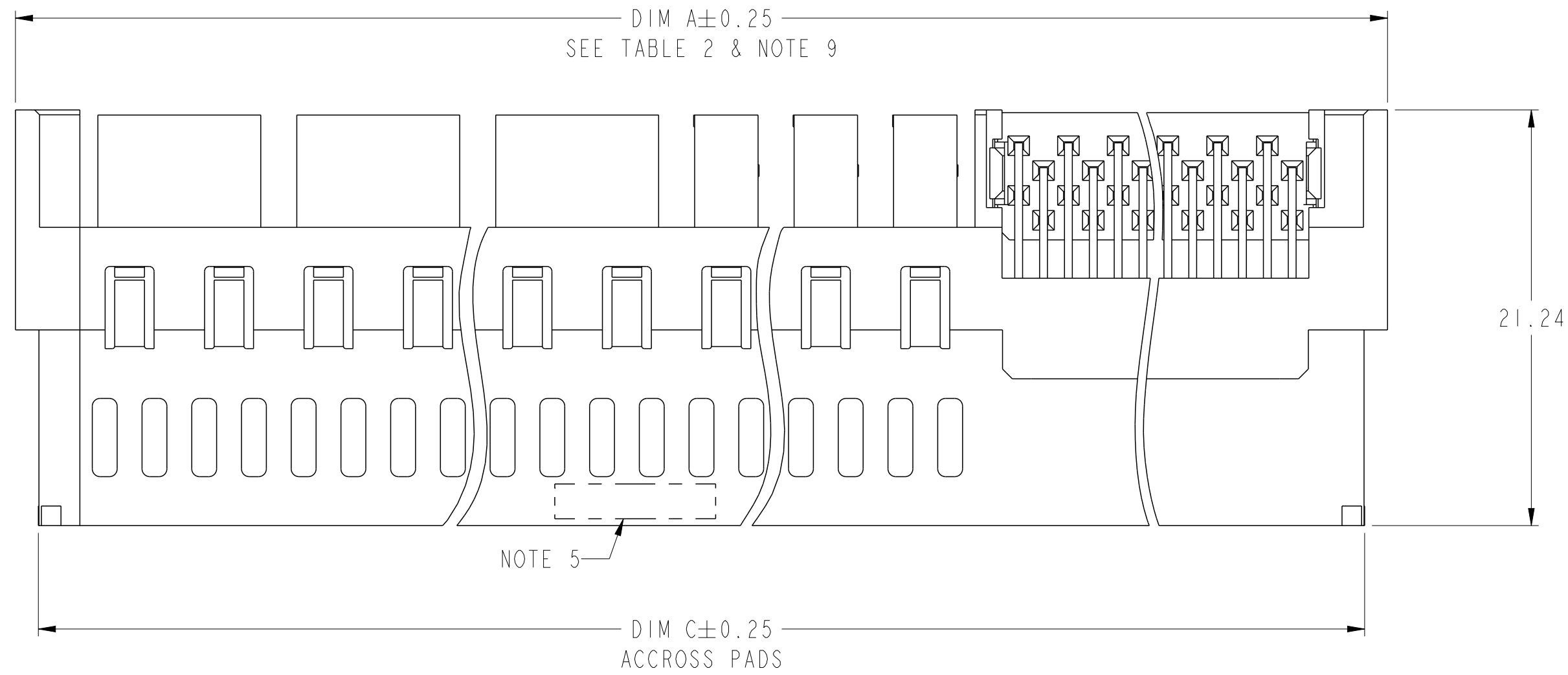
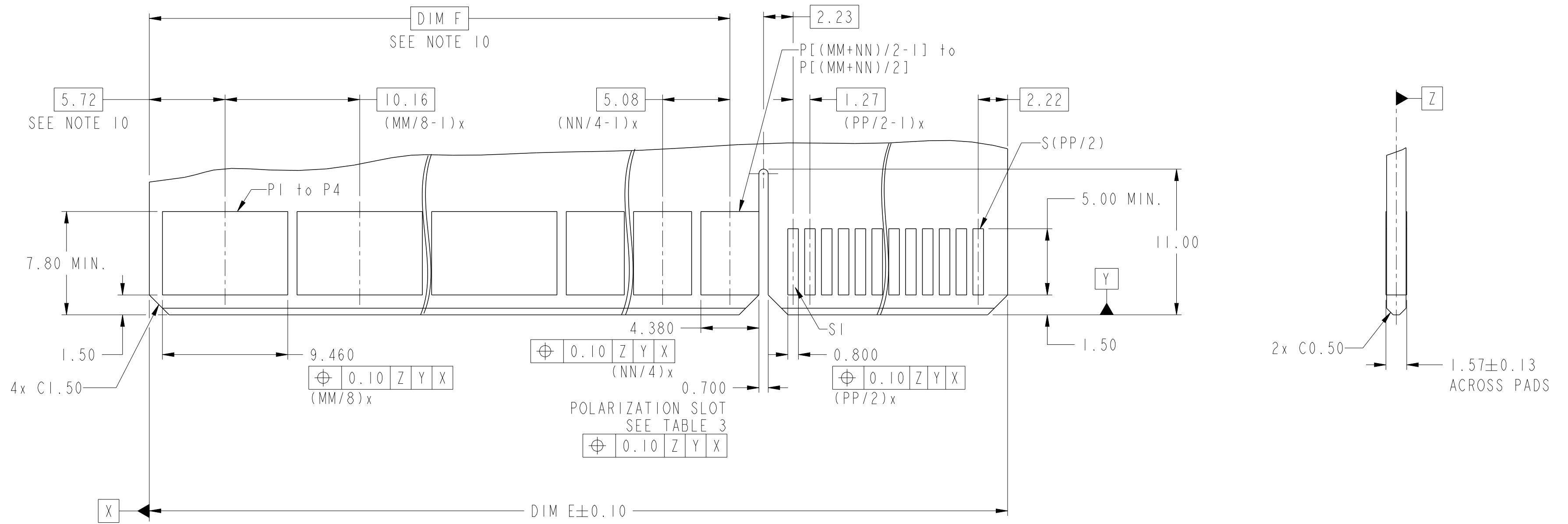




spec ref		-	dr		Hai-Ling Liu	2014/06/30	projection				MM		size		A2	scale		4:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng		Ada Ye	2018/08/30					ecn no		ELX-DG-31039-1					
ISO 406			chr		Feng Zheng	2018/08/31					rel level		Released					
ISO 1101			appr		Zheng, Pei-Min	2018/08/31					product family							
surface			linear			title		R/A RECEPTACLE				dwg no		10130788		rev		C
								HIGH POWER CARD EDGE - UNIVERSAL										
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						ecn no		ELX-DG-31039-1											
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Feng Zheng		2018/08/31		appr						Zheng, Pei-Min		2018/08/31		product family		rel level		Released					
		surface		linear		0.X		±0.50		Amphenol FCI		title		R/A RECEPTACLE HIGH POWER CARD EDGE - UNIVERSAL		dwg no		10130788		rev		C					
		0.XX		±0.25																							
ISO 1302		angular		0°		±2°																					
PDS: Rev :C																						STATUS:Released		Printed: Aug 31, 2018		sheet 3 of 4	

10130788 - MM NN PP LF

LEAD FREE

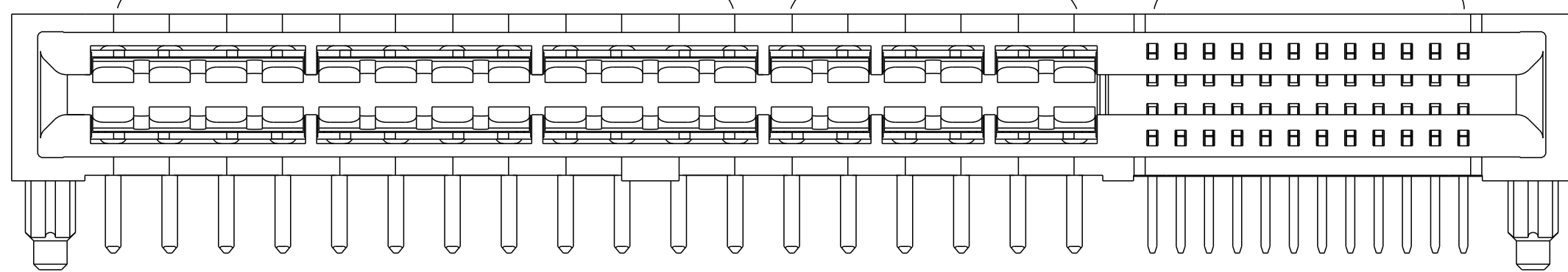
	A	B	C	D	E	F	G	H
Tail Length(DIM T)	2.6	2.6	2.6	2.6	3.25	3.25	3.25	3.25
Orientation Key	Y	N	N	Y	Y	N	N	Y
Hold Down Option	Y	Y	N	N	Y	Y	N	N

	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)

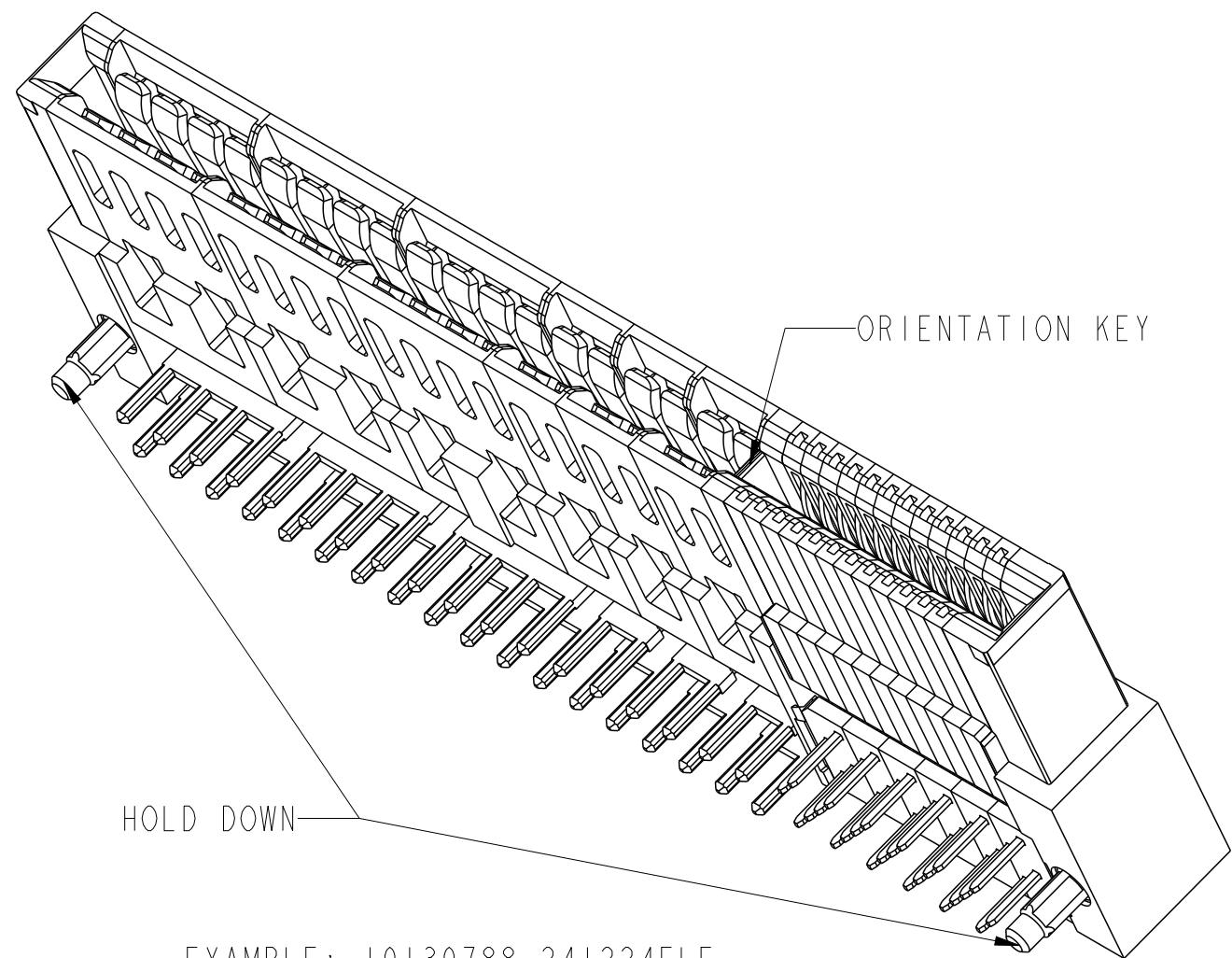
2 BEAM PWR QTY
(NEXT TO SIGNAL)

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 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	rel level	Released
surface	ISO 1302	appr	Zheng, Pei-Min	2018/08/31	product family	R/A RECEPTACLE HIGH POWER CARD EDGE - UNIVERSAL	cat. no.	10130788	sheet 4 of 4	rev
linear	0.X ±0.50 0.XX ±0.25 0.XXX ±0.10	Amphenol FCi	title	R/A RECEPTACLE HIGH POWER CARD EDGE - UNIVERSAL	cat. no.	Product - Customer Drw	sheet 4 of 4	rev	C	
angular	0° ±2°									