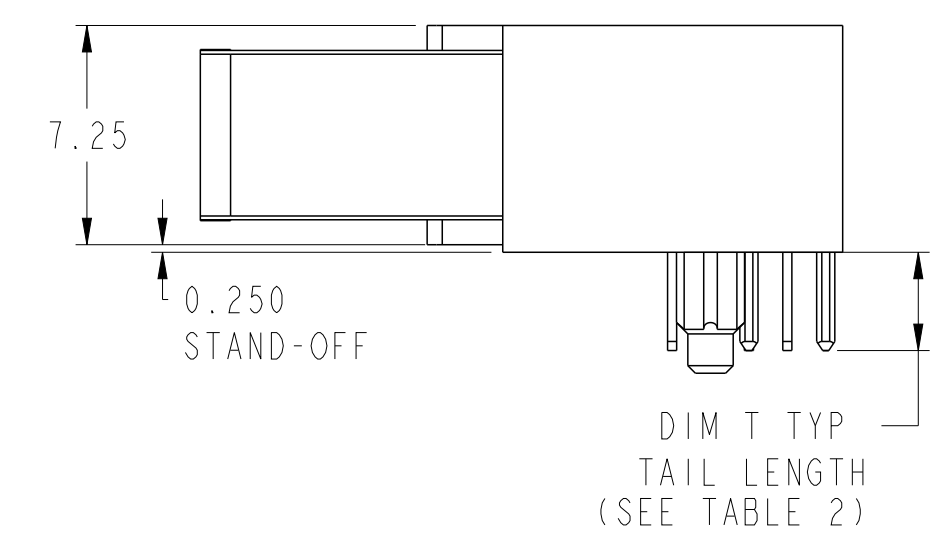
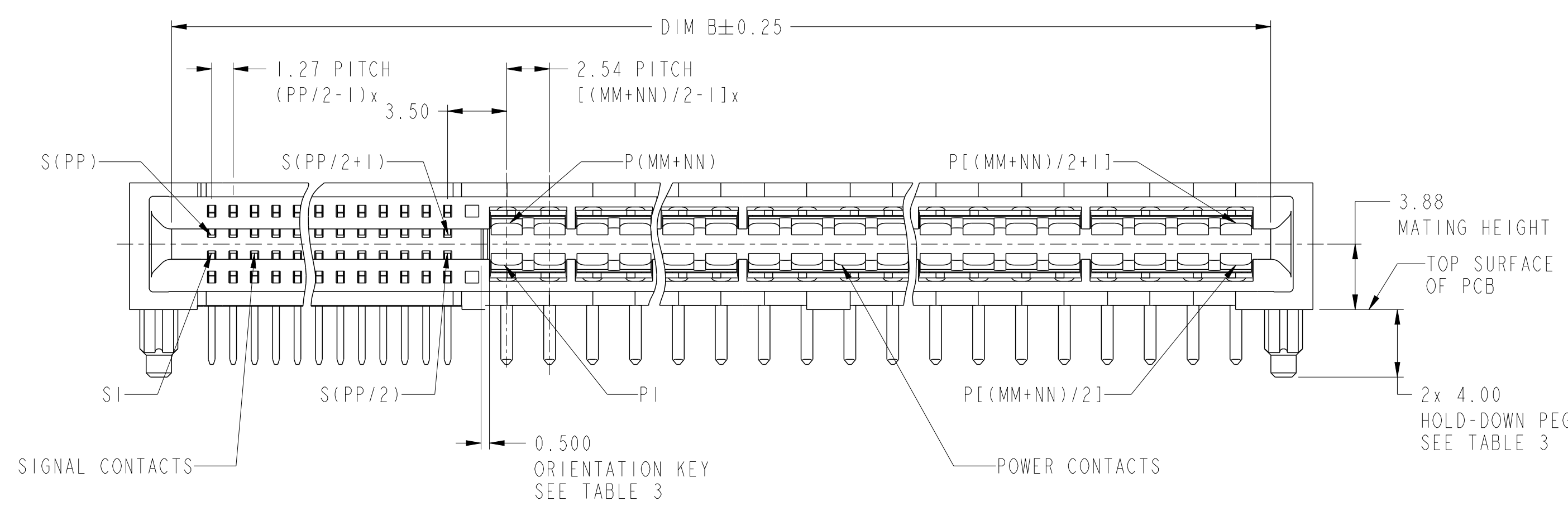
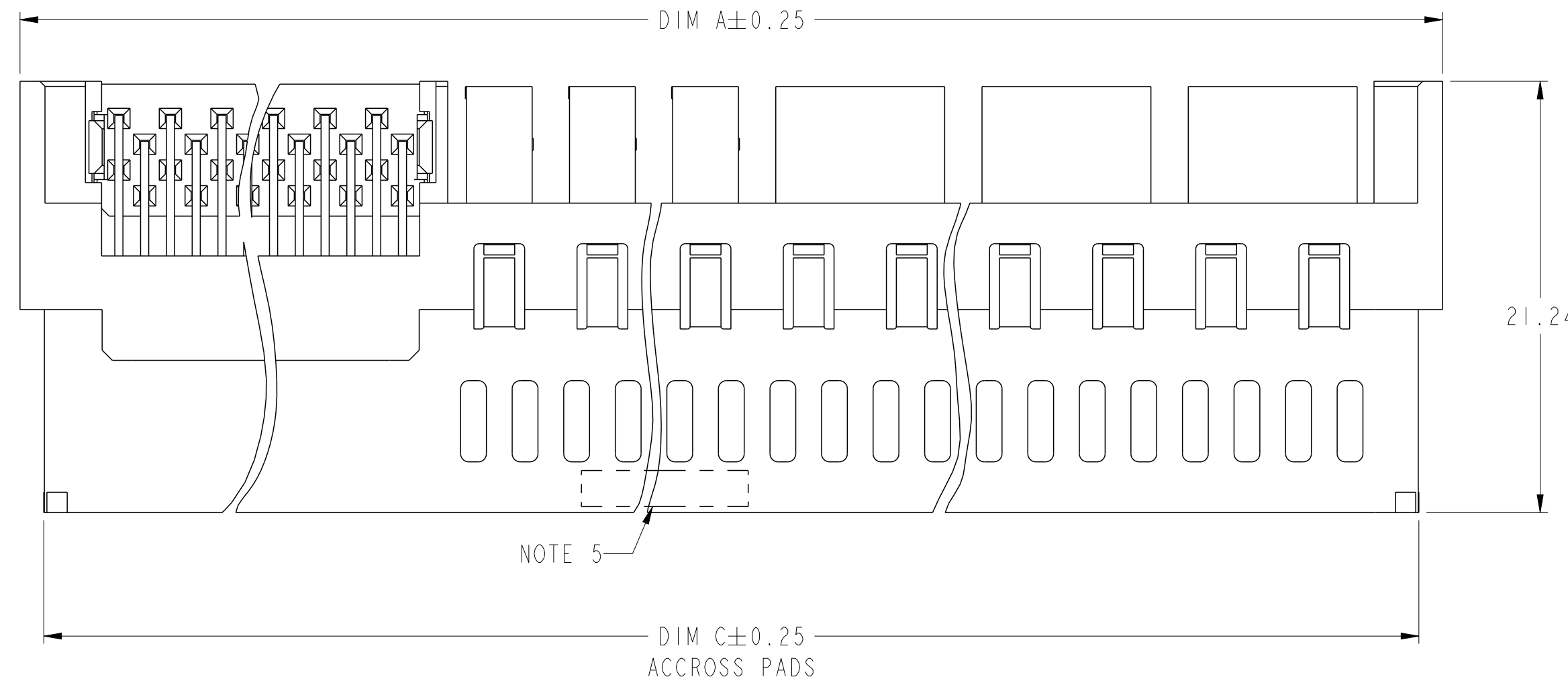
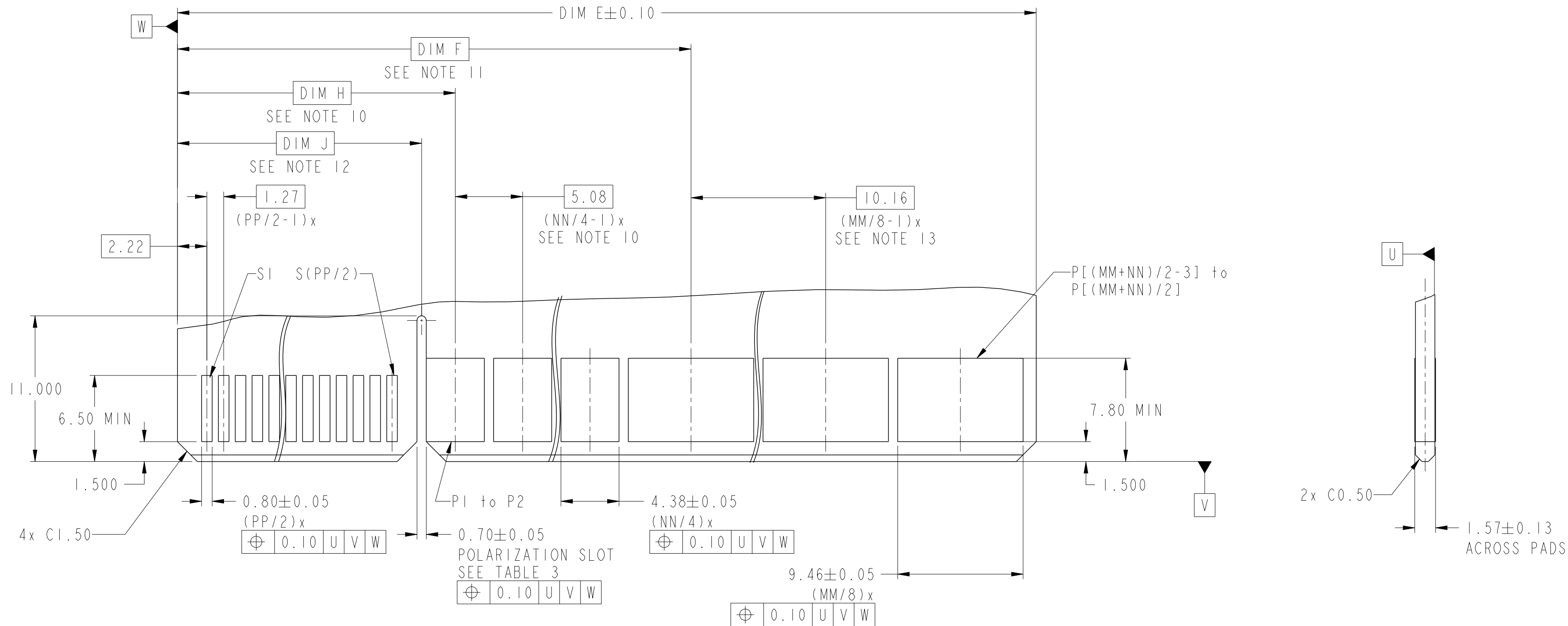




spec ref		-		dr		Hai-Ling Liu		2014/07/23		projection		MM		size		A2		scale		4:1	
tolerance std		ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sunny2 Liu		2016/05/06						ecn no		ELX-DG-24036-1			
				chr		Terris Liu		2016/05/20		rel level						Released					
				appr		Pei-Ming Zheng		2016/05/24		product family											
surface		linear		0.X		±0.5		Amphenol FCI		title		R/A REC S+P STANDARD HIGH POWER CARD EDGE - UNIVERSAL		dwg no		10131077		rev		C	
				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

spec ref		-		dr		Hai-Ling Liu		2014/07/23		projection		MM		size		A2		scale		4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sunny2 Liu		2016/05/06						ecn no		ELX-DG-24036-1		rel level		Released	
ISO 406																					
ISO 1101																					
surface		linear		0.X		±0.5		Amphenol FCI		title		R/A REC S+P STANDARD		dwg no		10131077		rev		C	
ISO 1302				0.XX		±0.25															
				0.XXX		±0.10															
		angular		0°		±2°				cat. no.		Product - Customer Drw		sheet 3 of 4							

10131077 - MM NN PP

LF LEAD FREE

PP

NN

MM

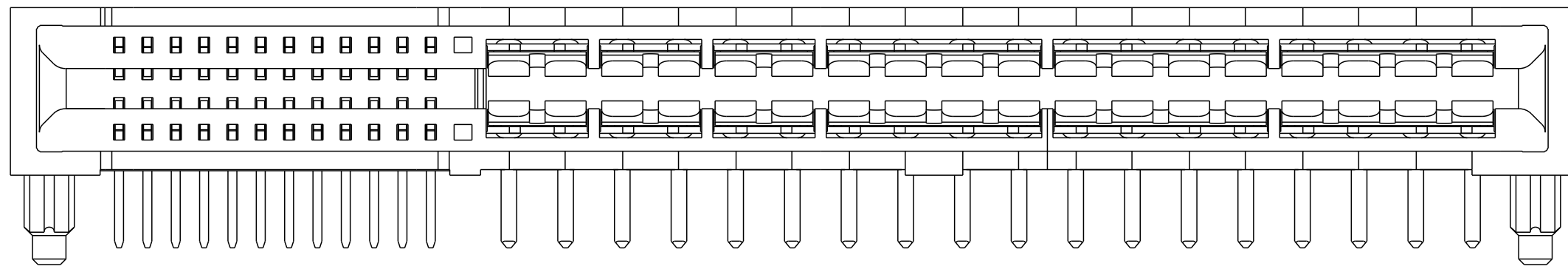
SIGNAL CONTACT QTY

2 BEAM PWR QTY
(NEXT TO SIGNAL)

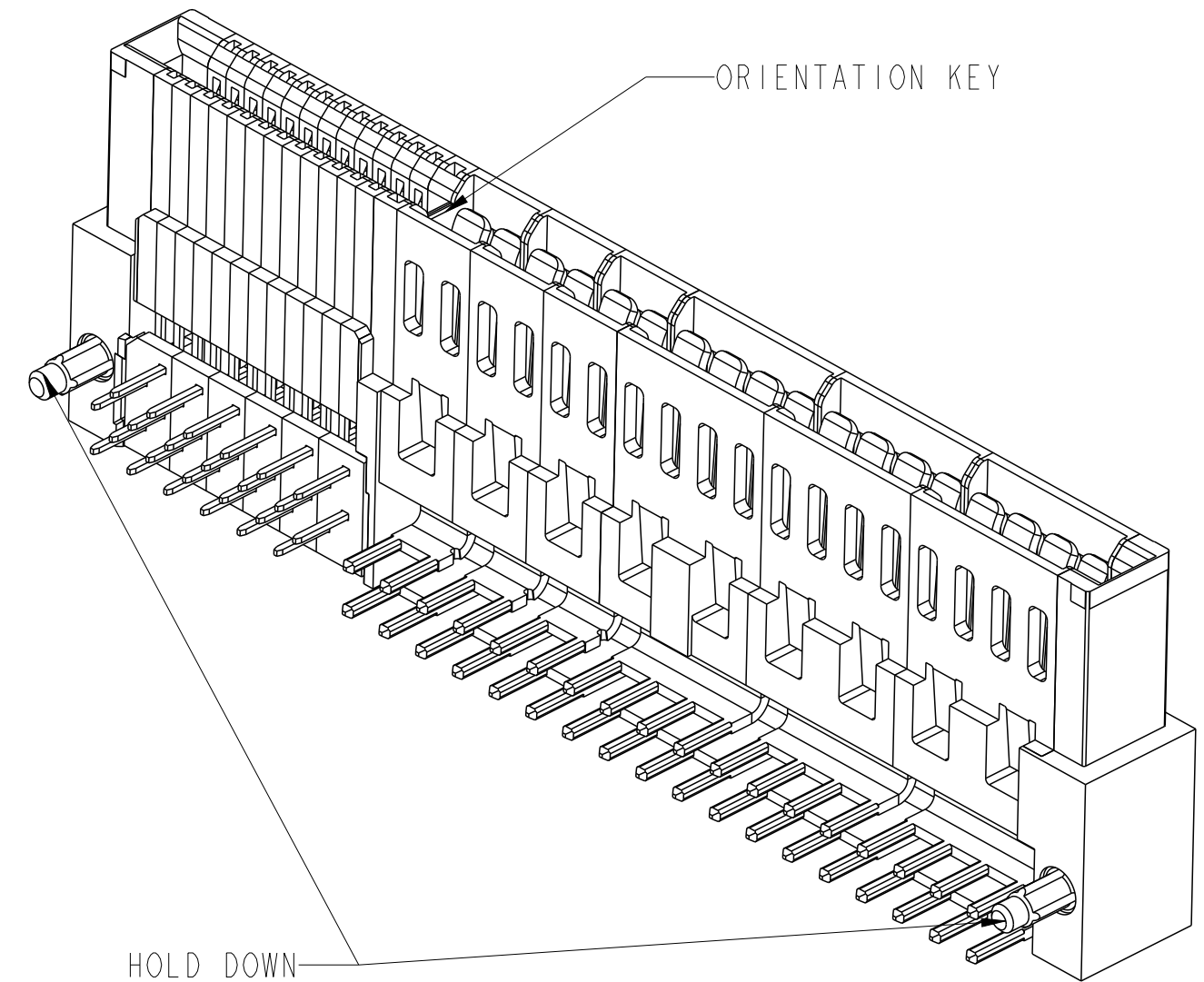
4 BEAM PWR QTY
(NEXT TO RIGHT END)

	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 10131077-241224ELF
R/A RECEPTACLE 24S36P with Orientation Key and Hold Down.
24P is 4 beam contacts, 12P is 2 beam contacts.



EXAMPLE: 10131077-241224ELF

TABLE 3: PART NUMBER CODE FOR HPCE R/A RECEPTACLE S+P 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 FCI 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 2 BEAM CONTACT.

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

12. DIM IS NOT APPLICABLE IF NO ORIENTATION KEY.

13. 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	$(PP / 2 - 1) \times 1.27 + (NN / 4 - 1) \times 5.08 + 14.61$ (WITH 2 BEAM CONTACT)
	$(PP / 2 - 1) \times 1.27 + 9.53$ (WITHOUT 2 BEAM CONTACT)
DIM G	$(PP / 2 - 1) \times 1.27 + 6.63$
DIM H	$(PP / 2 - 1) \times 1.27 + 6.99$
DIM J	$(PP / 2 - 1) \times 1.27 + 4.45$
DIM T	2.6 or 3.25

spec ref		-		dr	Hai-Ling Liu	2014/07/23	projection		MM		size	A2	scale	4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sunny2 Liu	2016/05/06					ecn no	ELX-DG-24036-1			
ISO 406				chr	Terris Liu	2016/05/20	product family				rel level		Released		
ISO 1101				appr	Pei-Ming Zheng	2016/05/24					rel level		Released		
surface		linear	0.X	±0.5	Amphenol FCI	title	R/A REC S+P STANDARD				dwg no	10131077		rev	C
			0.XX	±0.25											
			0.XXX	±0.10											
ISO 1302		angular	0°	±2°			cat. no.		Product - Customer Drw		sheet 4 of 4				