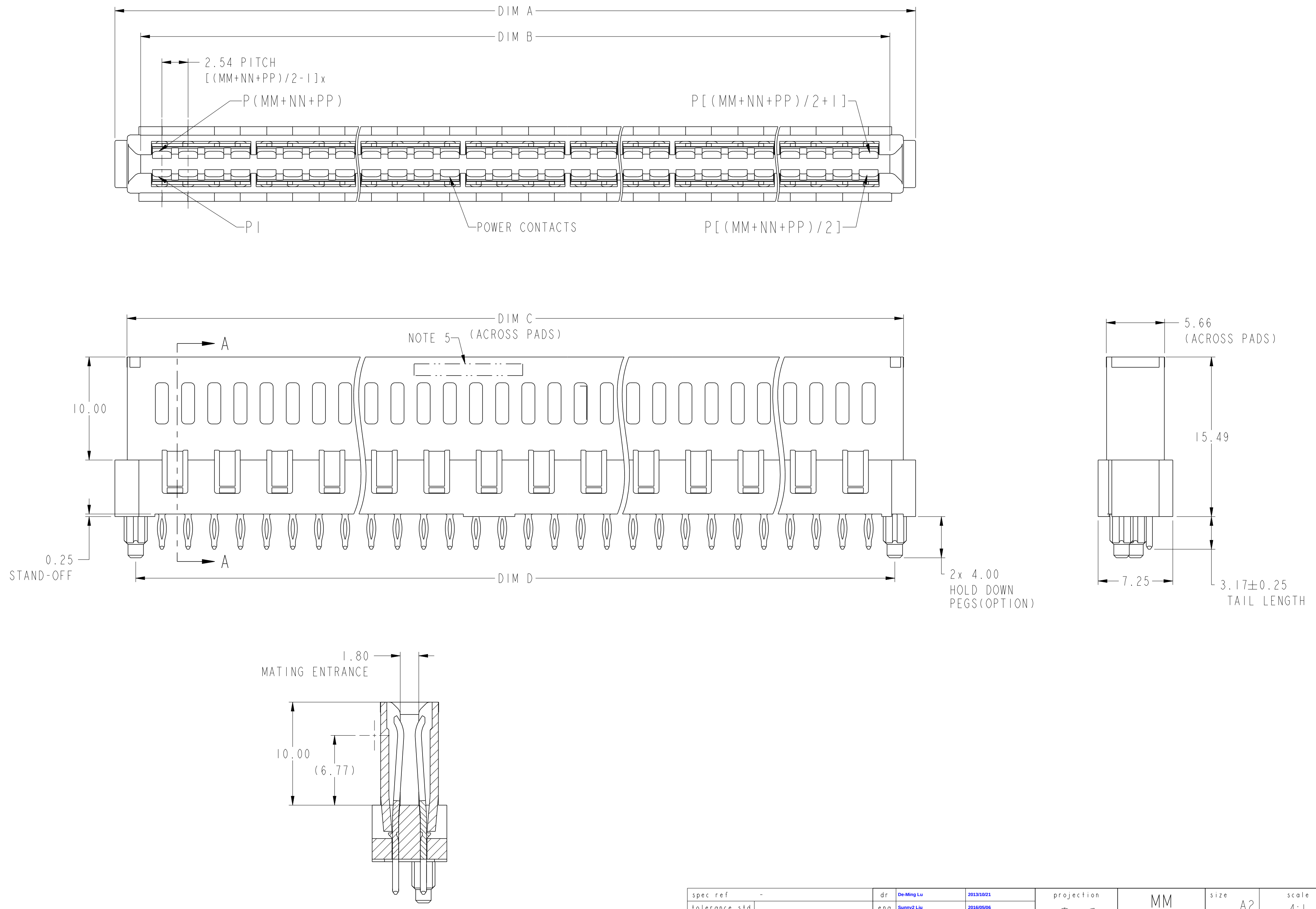
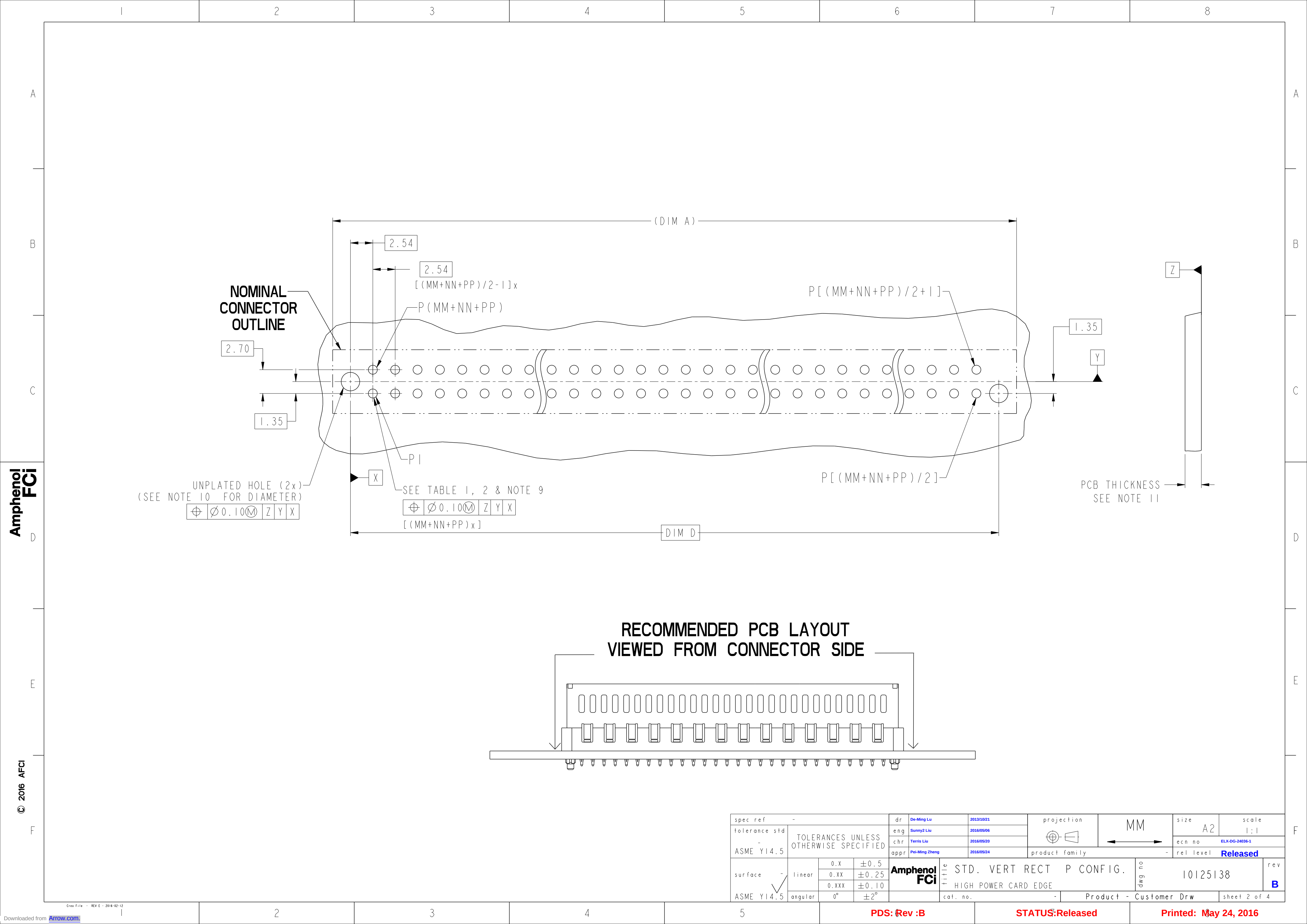


Amphenol
FCi

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spec ref		-		dr		De-Ming Lu		2013/10/21		projection		MM		size		A2		scale		4:1			
tolerance std		-		eng		Sunny2 Liu		2016/05/06						ecn no		ELX-DG-24036-1							
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Terris Liu		2016/05/20						rel level		Released							
				appr		Pei-Ming Zheng		2016/05/24						product family		HPCE							
surface		-		linear		0.X		±0.5		Amphenol FCI		title		STD. VERT RECT P CONFIG.		dwg no		10125138		rev		B	
				0.XX		±0.25																	
				0.XXX		±0.10																	
ASME Y14.5		angular		0°		±2°				cat. no.		-		Product - Customer Drw				sheet 1 of 4					



A
B
C
D
E
F

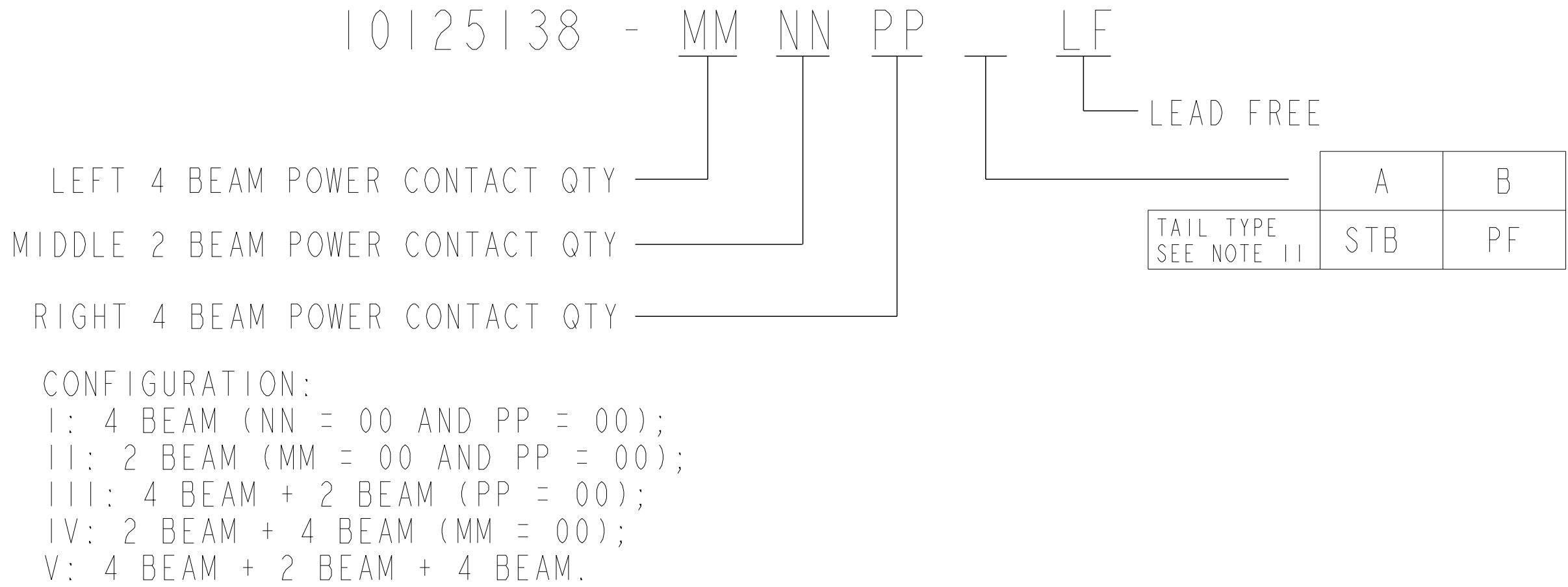


TABLE 3: HPCE STANDARD VERT REC P CONFIG

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 AFCI SPECIFICATION: GS-24-007.

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

7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.

8. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.

9. ALL HOLE SIZES ARE FINISHED HOLE SIZES.

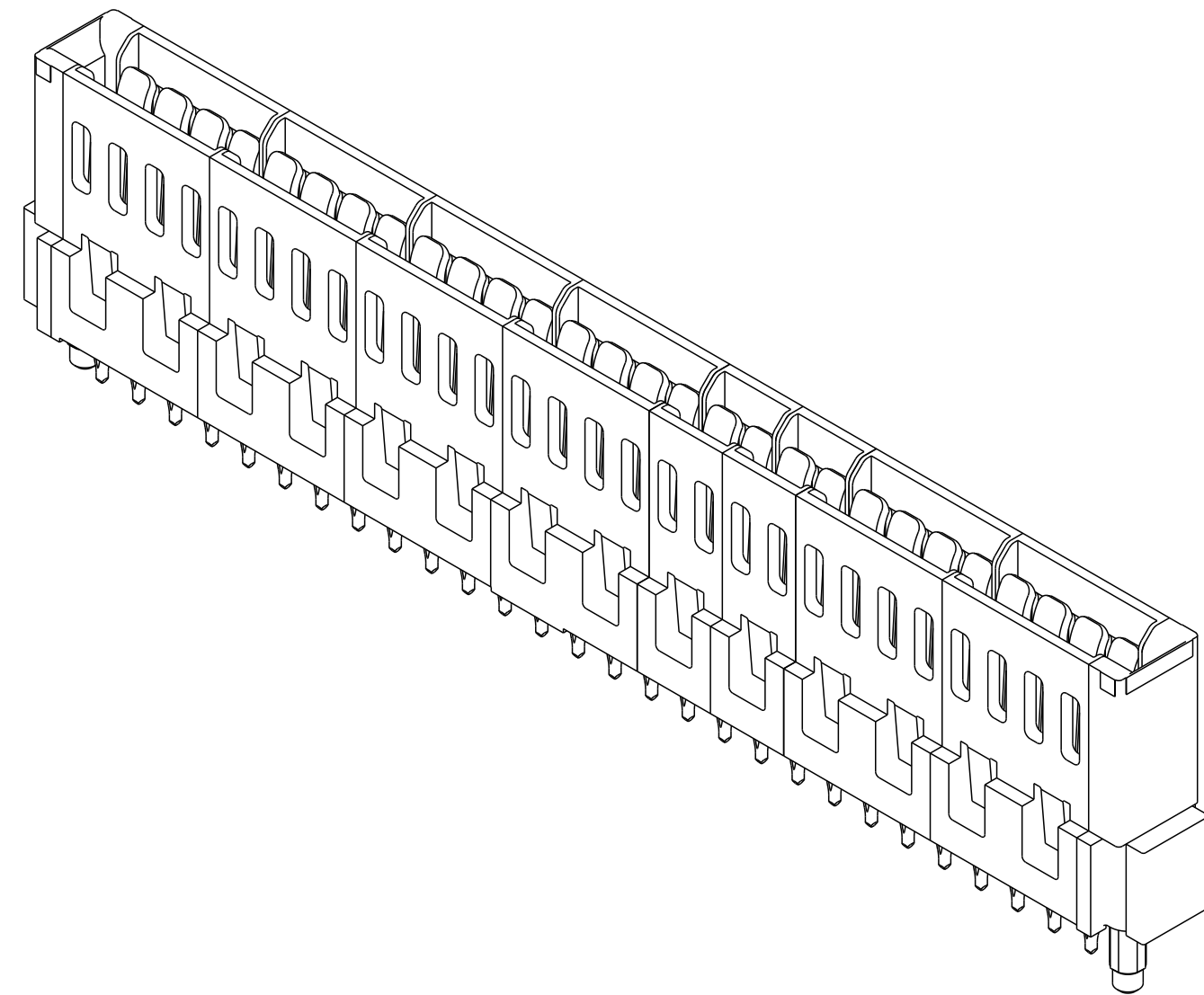
10. MOUNTING HOLES ARE UNPLATED
Ø 2.40 +/- 0.1 FOR PRESS-FIT TAILS
Ø 2.18 +/- 0.03 FOR SOLDER TAILS

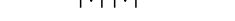
11. STB= SOLDER TO BOARD, 1.57-2.38mm PCB THICKNESS
PF= PRESS FIT, 1.57mm MINIMUM PCB THICKNESS

12. MAXIMUM OVERALL LENGTH IS 100mm

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

DIM	TABLE 4: LENGTH FORMULAS	
DIM A ⁽¹²⁾	$(MM + NN + PP) / 2 \times 2.54 + 6.58$	
DIM B	DIM A - 5.00	
DIM C	DIM A - 2.34	
DIM D	DIM A - 4.04	
DIM E	DIM A - 5.30	
DIM F	CONFIG. I	5.72
	CONFIG. II	-
	CONFIG. III	5.72
	CONFIG. IV	-
	CONFIG. V	5.72
DIM G	CONFIG. I	-
	CONFIG. II	3.18
	CONFIG. III	$(MM / 8 - 1) \times 10.16 + 13.34$
	CONFIG. IV	3.18
	CONFIG. V	$(MM / 8 - 1) \times 10.16 + 13.34$
DIM H	CONFIG. I	-
	CONFIG. II	-
	CONFIG. III	-
	CONFIG. IV	$(NN / 4 - 1) \times 5.08 + 10.80$
	CONFIG. V	$(MM / 8 - 1) \times 10.16 + (NN / 4 - 1) \times 5.08 + 20.96$



spec ref -		dr De-Ming Lu		2013/10/21		projection		size A2		scale 4:1		
tolerance std -		eng Sunny2 Liu		2016/05/06				MM				
ASME Y14.5		chr Terris Liu		2016/05/20								
		appr Pei-Ming Zheng		2016/05/24		product family		HPCE		ecn no ELX-DG-24036-1		
										rel level Released		
surface -		linear	0.X ±0.5		Amphenol FCI		title STD. VERT RECT P CONFIG. HIGH POWER CARD EDGE		dwg no 10125138		rev B	
			0.XX ±0.25									
			0.XXX ±0.10									
ASME Y14.5		angular	0° ±2°				cat. no. -		Product - Customer Drw		sheet 4 of 4	