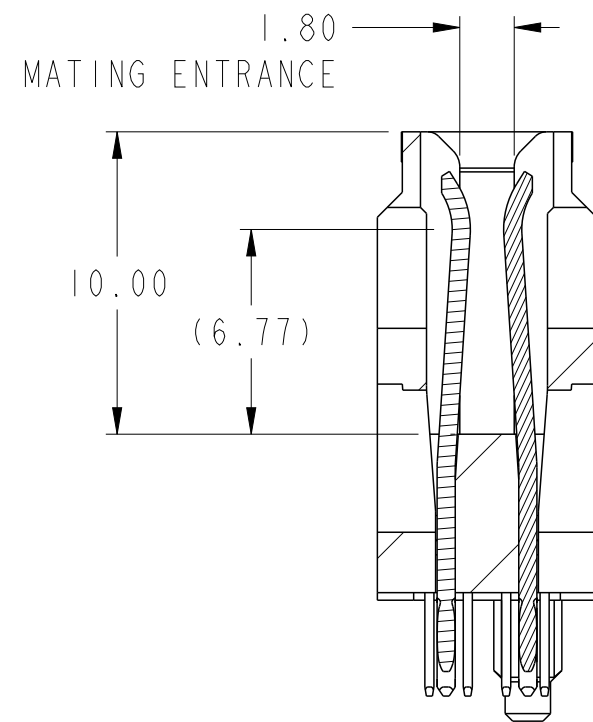
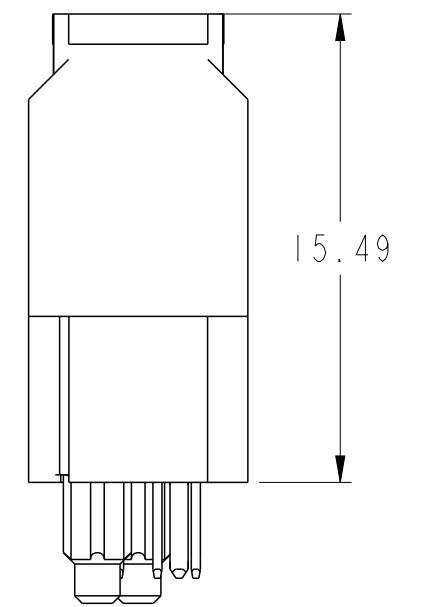
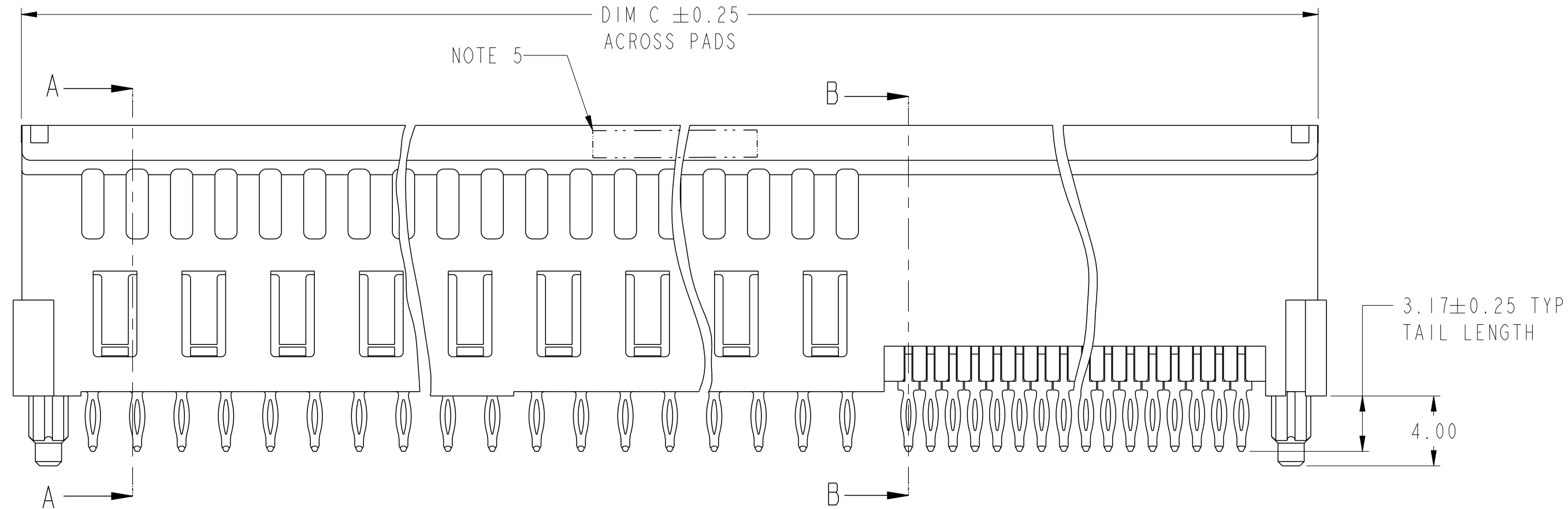
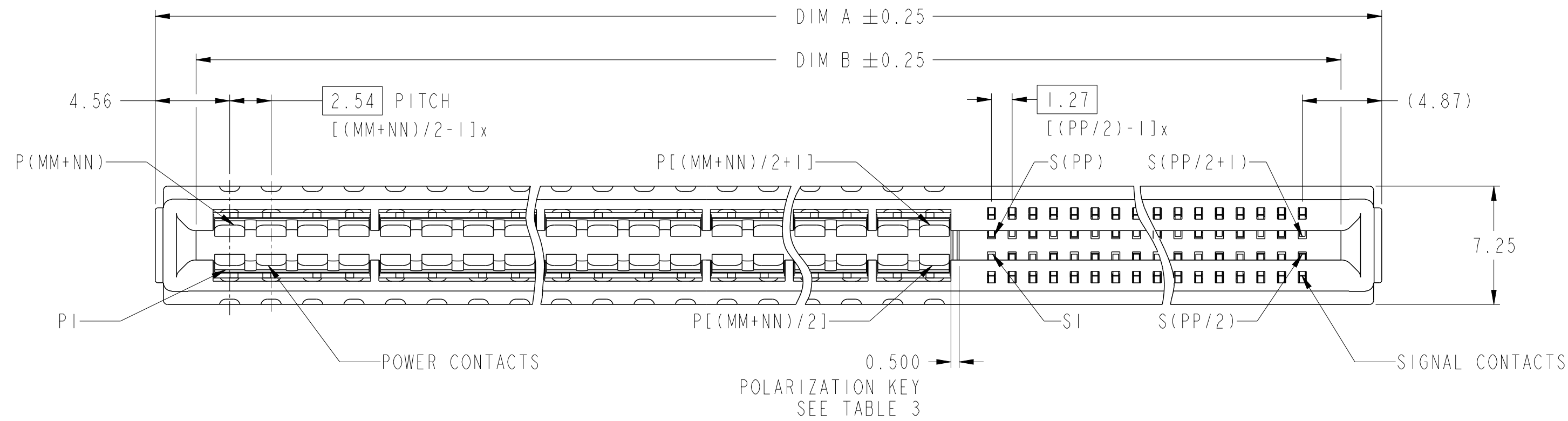
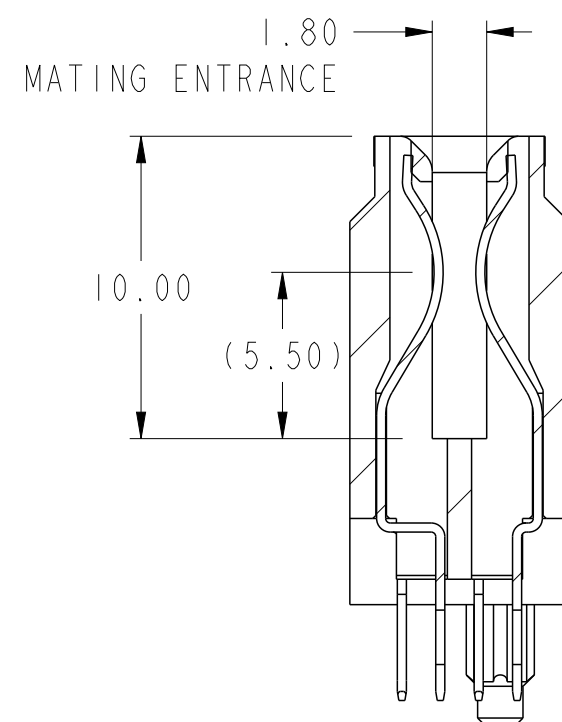
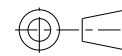
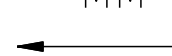


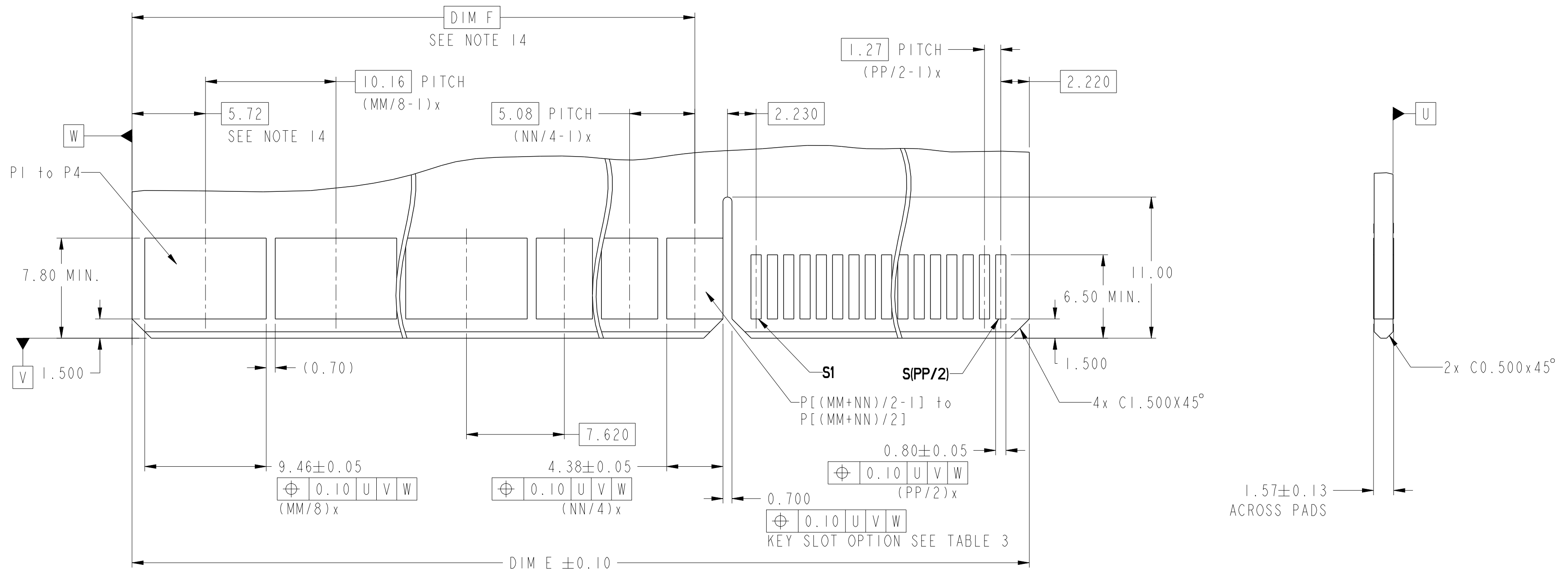


SECTION A-A
SCALE 4:1



SECTION B-B
SCALE 4:1

spec ref		-		dr		Wei-Long Zhang		2012/06/14		projection		MM		size		A2		scale		1:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sunny2 Liu		2016/05/05						ecn no		ELX-DG-24036-1		rel level		Released					
ISO 406				chr		Terris Liu		2016/05/20						product family											
ISO 1101				appr		Pei-Ming Zheng		2016/05/24																	
surface				linear		0.X		±0.5		Amphenol FCI		title		VERT REC WITH ENHANCED WALLS		10121505		rev		B					
ASME Y14.5																						0.XX		±0.25	
angular																						0°		±0.10	
ASME Y14.5		angular		0°		±2°		cat. no.		Product - Customer Drw		sheet 1 of 4													



10121505 - MM NN PP LF

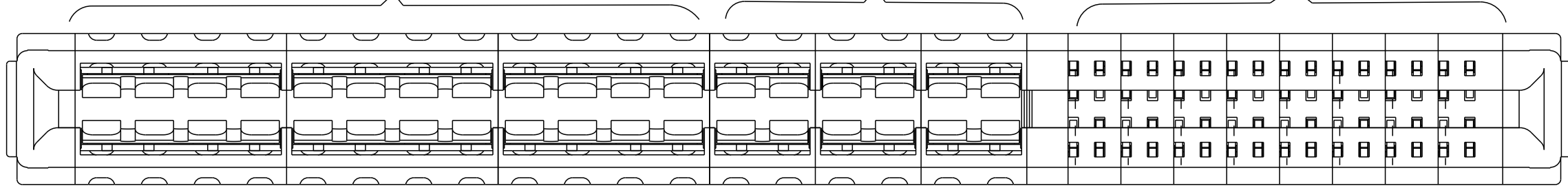
LEAD FREE

	A	B	C	D
Polarization Key Option	Y	Y	N	N
Tail Type Note 12	STB	PF	STB	PF

QUAD PWR BEAM QTY
(NEXT TO LEFT END)

DUAL PWR BEAM QTY
(NEXT TO SIGNAL)

SIGNAL CONTACT QTY



Example: The configuration above is 10121505-241232BLF
VERT Press fit 36P32S with polarization key. 24P is Quad beam contact, 12P is dual beam contact.

TABLE 3. PART NUMBER CODE. HPCE VERT 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. 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

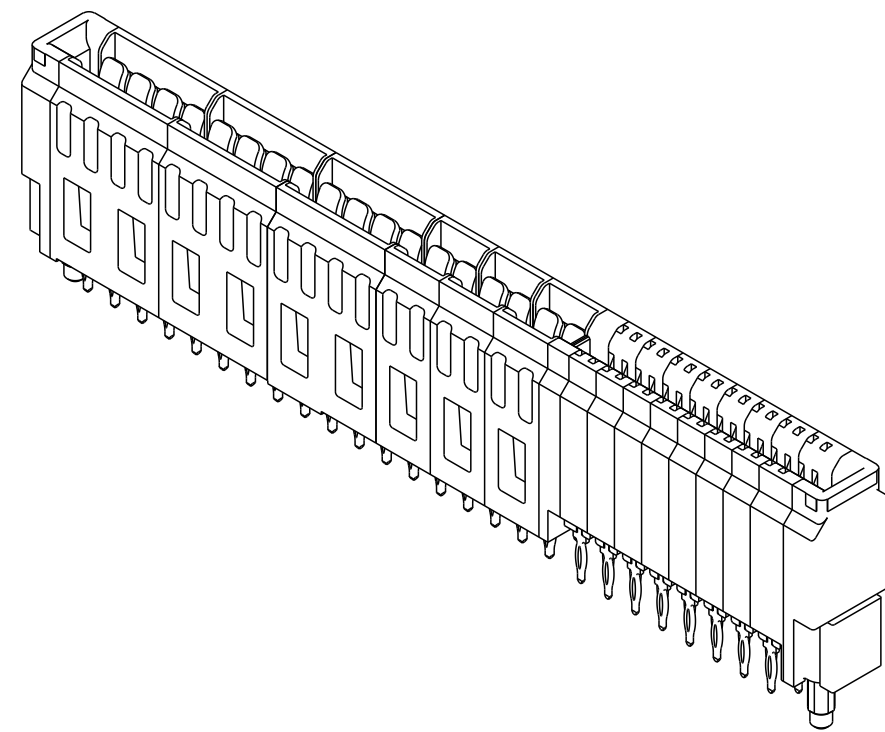
11. PRESS FIT APPLICATION TOOL DRAWING : 10119453.

12. STB= Solder to board, 1.57-2.38mm PCB thickness.
PF = Press fit, 1.57mm minimum PCB thickness.

13. MAXIMUM OVERALL LENGTH IS 100mm.

14. 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	(13) (MM/8)X10.16+ (NN/4)X5.08 + (PP/2)X1.27 + 9.12
DIM B	DIM "A" - 5.00
DIM C	DIM "A" - 0.94
DIM D	DIM "A" - 4.04
DIM E	DIM "A" - 5.30
DIM F	(MM/8-1)x10.16 + (NN/4-1)x5.08 + 13.34 (WITH 4 BEAM CONTACT)
	3.18 (WITHOUT 4 BEAM CONTACT)



spec ref		-		dr	Wei-Long Zhang	2012/06/14	projection  MM 	size	A2	scale	1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sunny2 Liu	2016/05/05		ecn no	ELX-DG-24036-1			
ISO 406 ISO 1101				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	VERT REC WITH ENHANCED WALLS			10121505	rev	B	
		0.XX	±0.25			HIGH POWER CARD EDGE - UNIVERSAL DRAWING						
		0.XXX	±0.10									
ASME Y14.5	angular	0°	±2°		cat. no.	Product - Customer Drw			sheet 4 of 4			