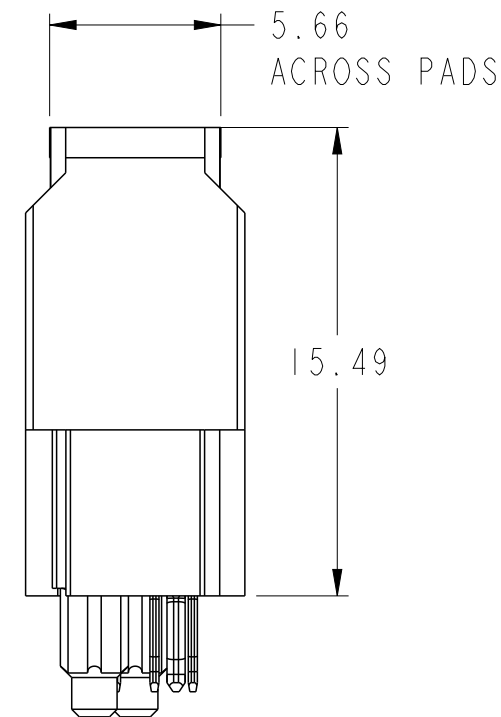
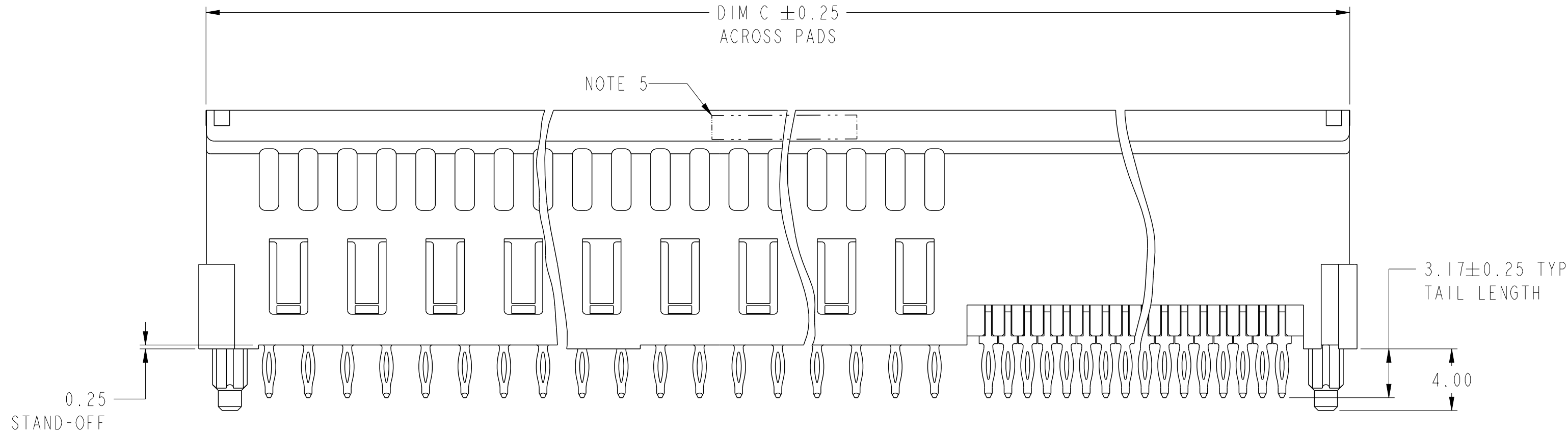
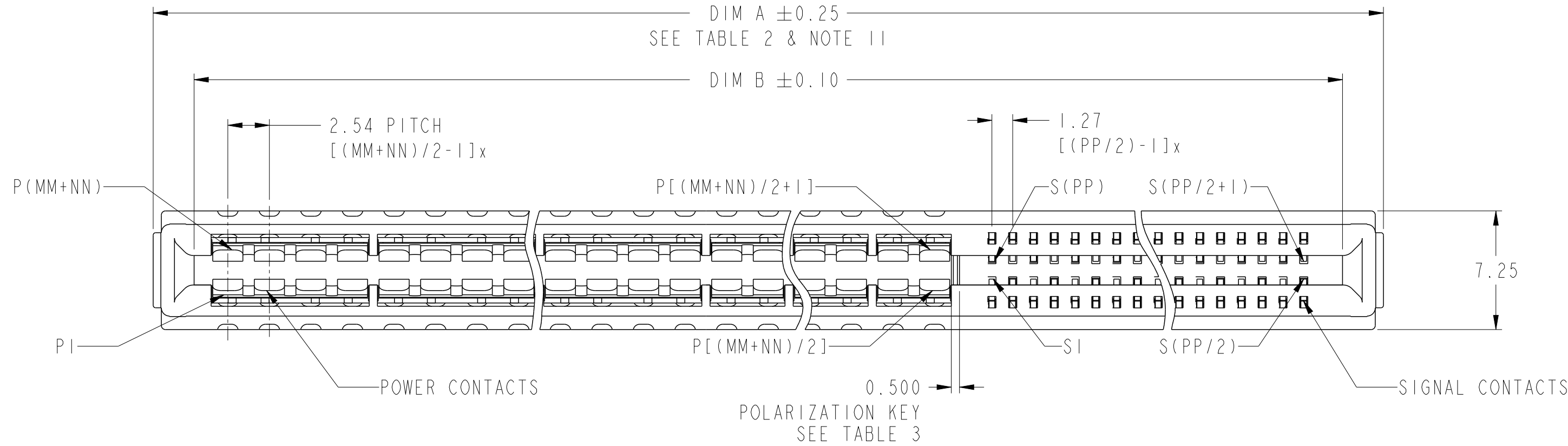




spec ref		-		dr	Hai-Ling Liu	2014/07/10	projection				MM		size	A2	scale	1:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sunny2 Liu	2016/05/05			ecn no		ELX-DG-24036-1		rel level		Released			
ISO 406																		
ISO 1101																		
		chr	Terris Liu	2016/05/20	appr		Pei-Ming Zheng	2016/05/24	product family									
surface		linear	0.X	±0.5	Amphenol FCI		title		VERT REC - ENHANCED WALLS		drawing		10130904		rev		B	
ASME Y14.5			0.XX	±0.25														
		0.XXX	±0.10	cat. no.														
		angular	0°	±2°														



spec ref			-			dr		Hai-Ling Liu		2014/07/10		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							chr		Terris Liu		2016/05/20								product family		rel level				Released
ISO 1101							appr		Pei-Ming Zheng		2016/05/24														
surface		linear		0.X		±0.5		Amphenol FCI		title		VERT REC - ENHANCED WALLS						drawing no		10130904		rev		B	
				0.XX		±0.25																			
				0.XXX		±0.10																			
		ASME Y14.5		angular		±2°																			

10130904 - MM NN PP LF

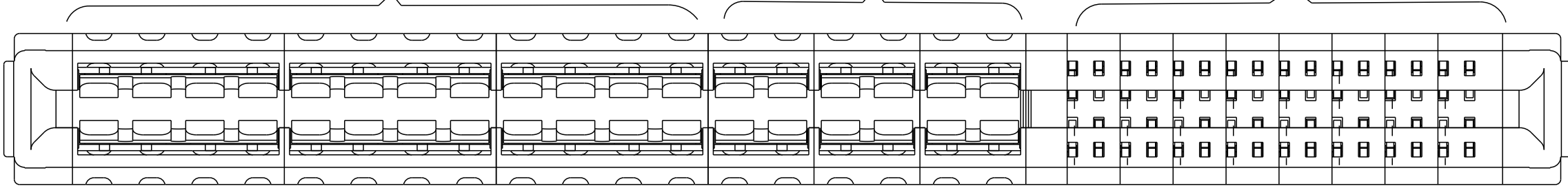
LEAD FREE

Polarization Key Option	A	B	C	D
Tail Type Note 10	Y	Y	N	N
	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 10130904-241232BLF
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. ALL HOLE SIZES ARE FINISHED HOLE SIZES.

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

9. PRESS FIT APPLICATION TOOL DRAWING : 10119453.

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

11. MAXIUM OVERALL LENGTH IS 100mm.

12. DIM IS NOT APPLICABLE IF NO 4 BEAM CONTACT OR 2 BEAM CONTACT.

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

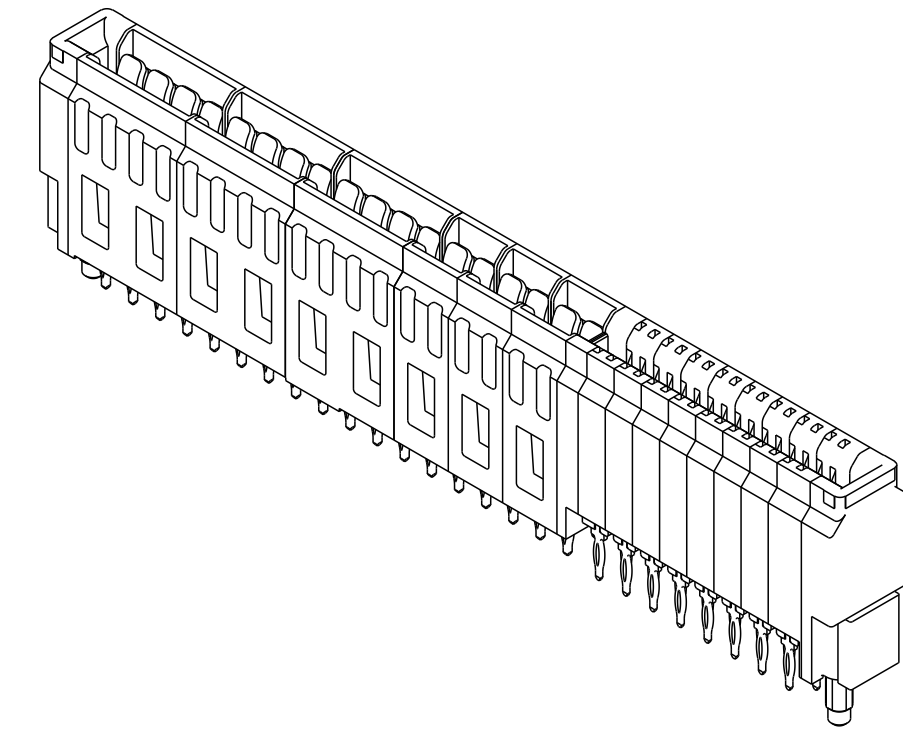


TABLE 2. LENGTH FORMULAS.

DIM A	$(MM/8) \times 10.16 + (NN/4) \times 5.08 + (PP/2) \times 1.27 + 9.12$
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	$(MM/8-1) \times 10.16 + (NN/4-1) \times 5.08 + 13.34$ (WITH 4 BEAM CONTACT)
	3.18 (WITHOUT 4 BEAM CONTACT)

spec ref	-	dr	Hai-Ling Liu	2014/07/10	projection	MM	size	A2	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Sunny2 Liu	2016/05/05	chr	Terris Liu	2016/05/20	ecn no	ELX-DG-24036-1	
		appr	Pei-Ming Zheng	2016/05/24	product family		rel level	Released		
surface	ASME Y14.5	linear	0.X	±0.5	angular	0°	±2°	VERT REC - ENHANCED WALLS		
			0.XX	±0.25				HIGH POWER CARD EDGE - UNIVERSAL DRAWING		
			0.XXX	±0.10				10130904		
								Product - Customer Drw		
								sheet 4 of 4		