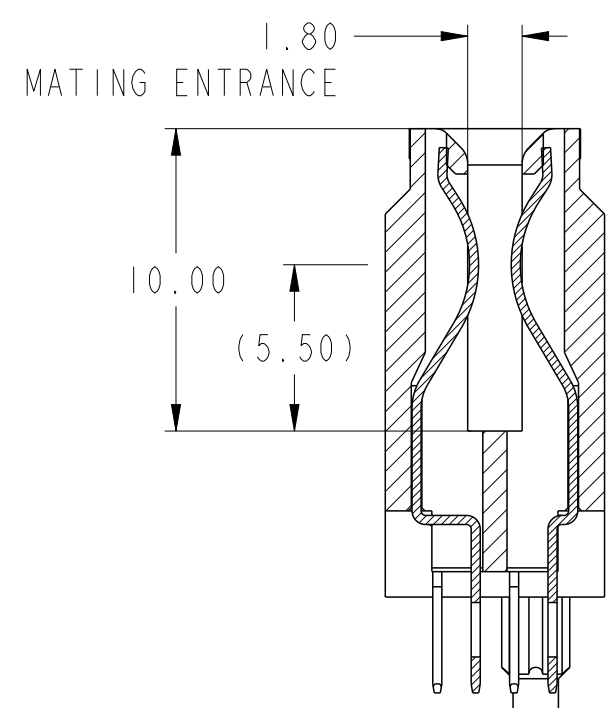
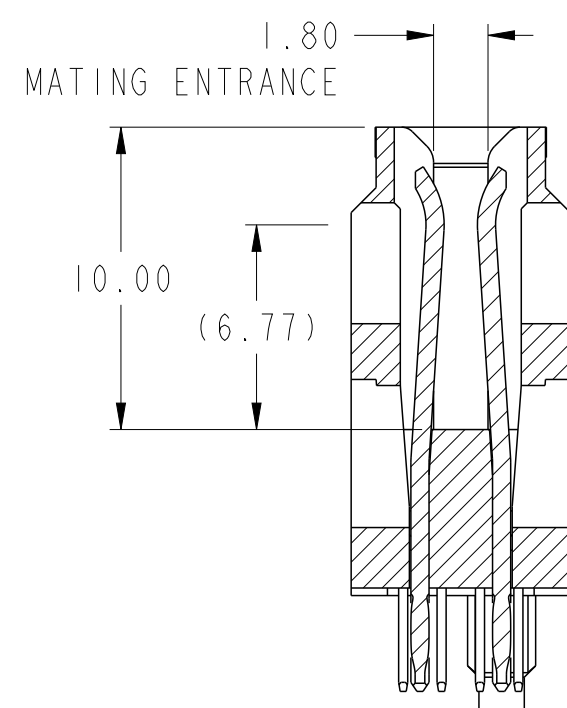
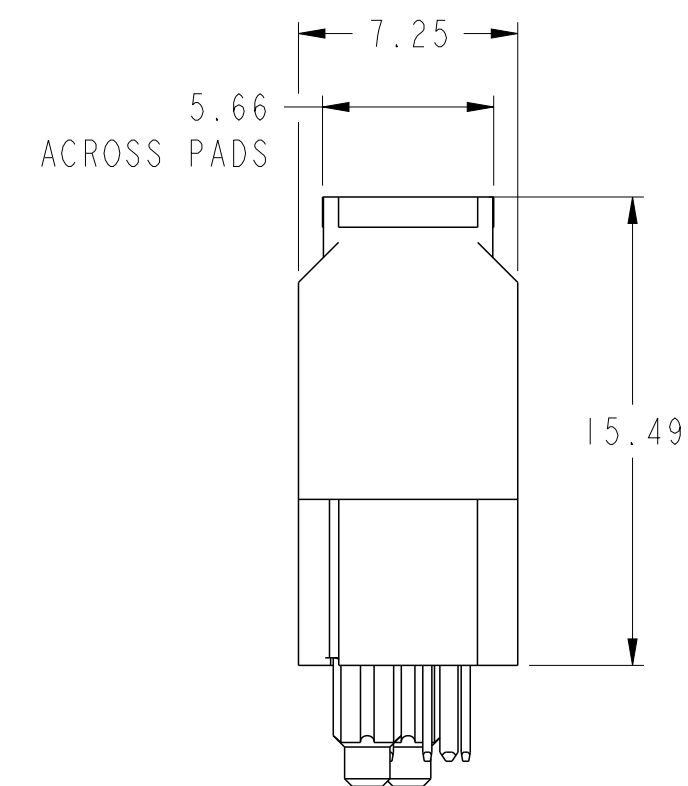
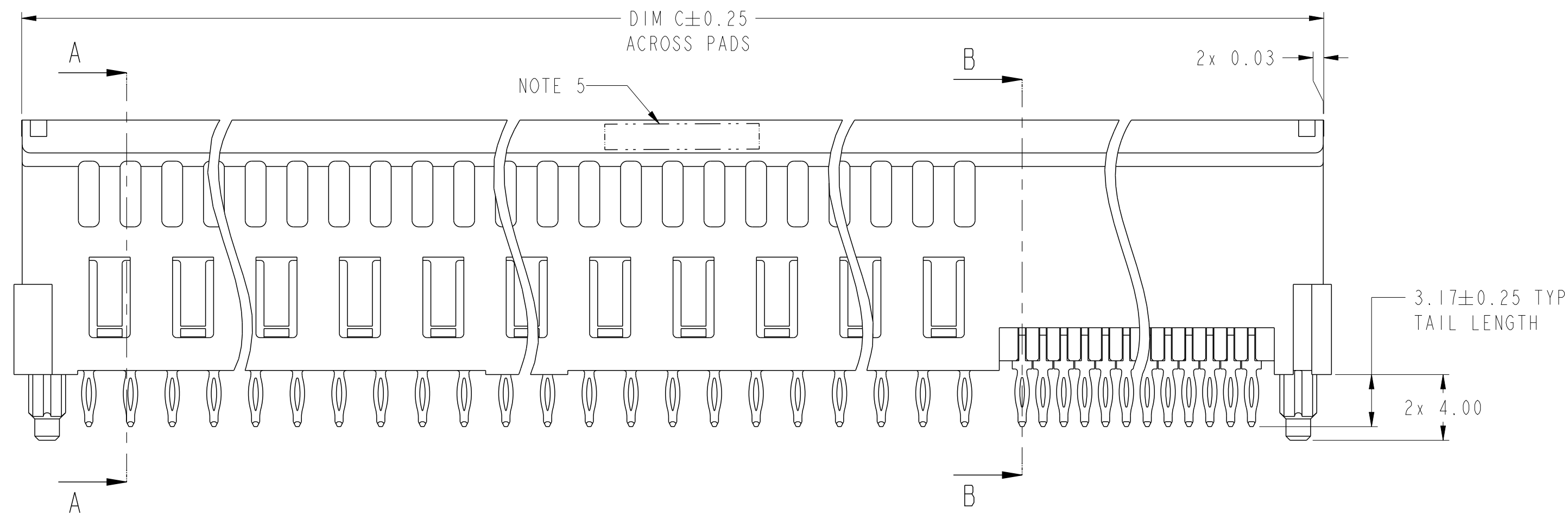
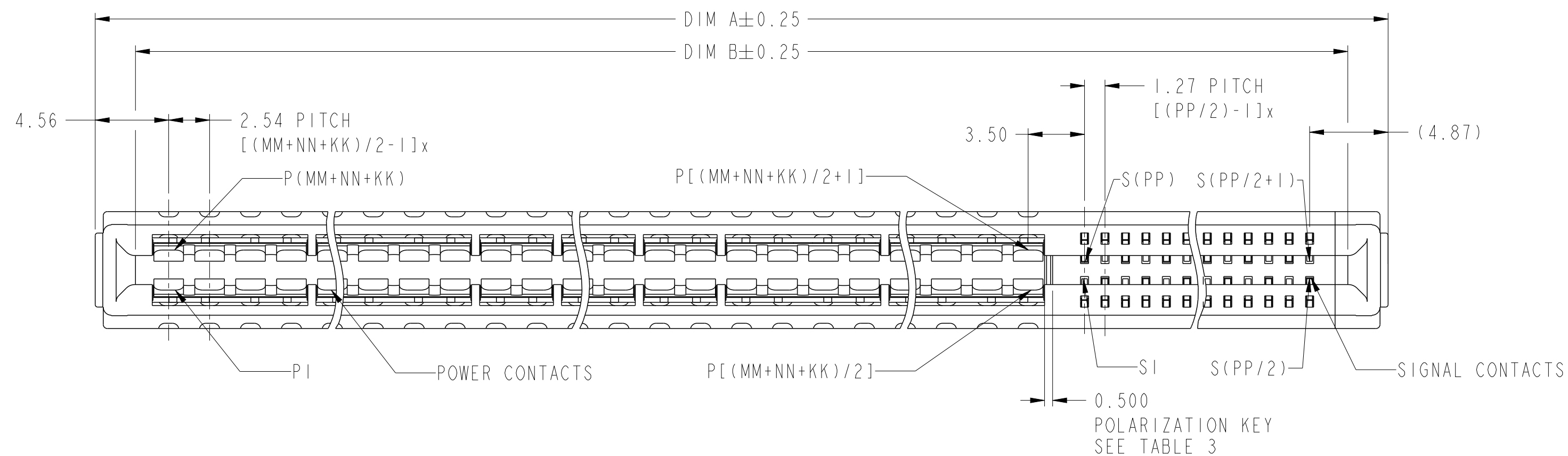
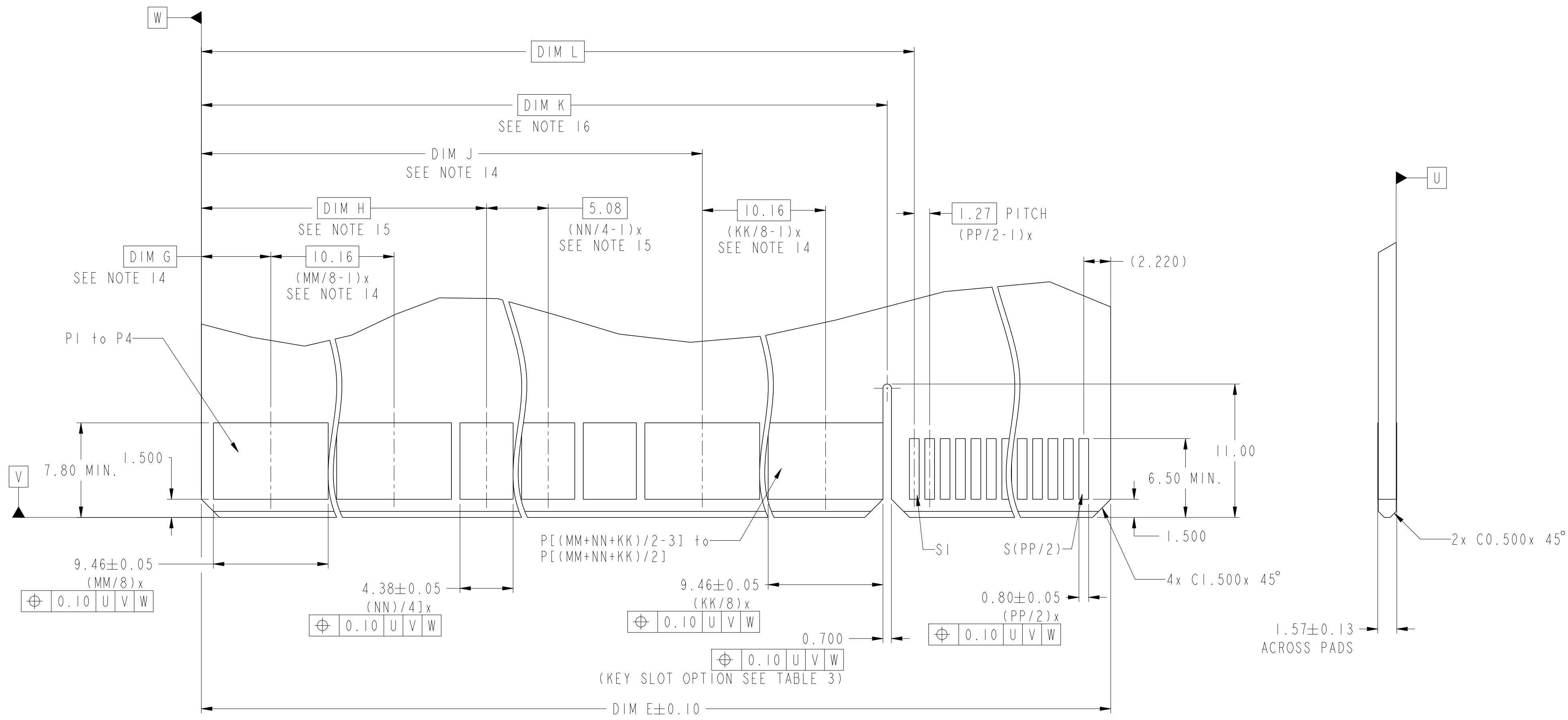




spec ref	-	dr	De-Ming Lu	2013/11/03	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	De-Ming Lu	2014/02/19	chr	-	ecn no	-		
surface	ISO 1302	appr	Pei-Ming Zheng	2014/02/19	product family	HPCE	rel level	Released		
TOLERANCES UNLESS OTHERWISE SPECIFIED		FCI		title		VERT REC WITH ENHANCED WALLS		dwg no		rev
linear		0.X		± 0.5		P+S CONFIGURATION - UNIVERSAL DRAWING		10127905		A
angular		0°		$\pm 2^\circ$		cat. no.		Product - Customer Drw		sheet 1 of 4

1 2 3 4 5 6 7 8

A
B
C
D
E
F



spec ref	-	dr	De-Ming Lu	2013/11/03	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	De-Ming Lu	2014/02/19	chr	-	ecn no	-	rel level	Released
surface	ISO 1302	appr	Pei-Ming Zheng	2014/02/19	product family	HPCE	cat. no.	10127905	rev	A
TOLERANCES UNLESS OTHERWISE SPECIFIED		FCI		VERT REC WITH ENHANCED WALLS		P+S CONFIGURATION - UNIVERSAL DRAWING		Product - Customer Drw		sheet 3 of 4
linear		0.X	±0.5	angular		0°	±2°	STATUS:Released		Printed: Feb 19, 2014
0.XX		±0.25	0.XXX		±0.10	PDS: Rev :A				

10127905 - MM NN KK PP LF LEAD FREE

LEFT QUAD PWR BEAM QTY
CONFIGURATION SEE TABLE 5

DUAL PWR BEAM QTY
(NEXT TO SIGNAL)

RIGHT QUAD PWR BEAM QTY
CONFIGURATION SEE TABLE 5

SIGNAL CONTACT QTY

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

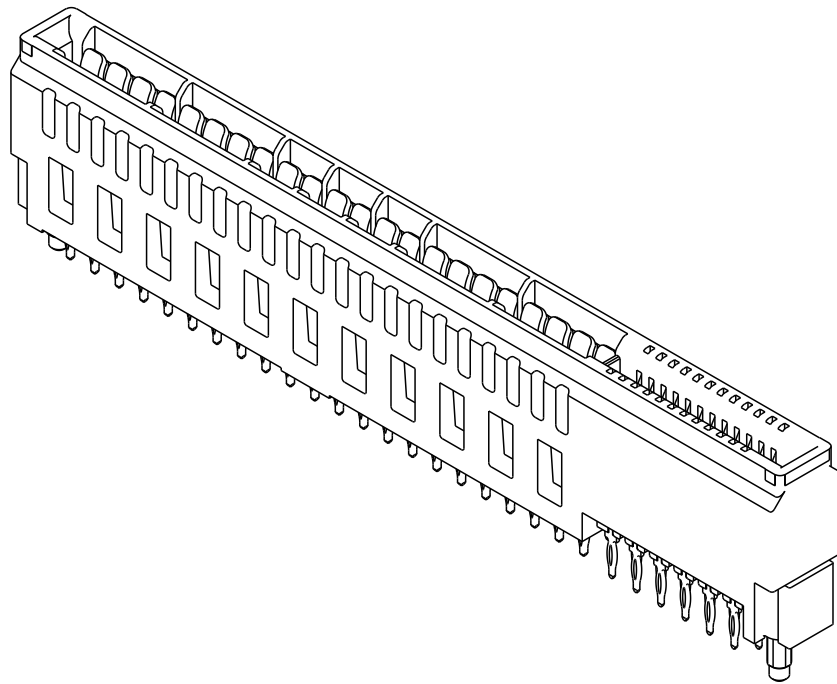
CONFIGURATION:
I: 4 BEAM (NN = 00 AND KK = 00);
II: 2 BEAM (MM = 00 AND KK = 00);
III: 4 BEAM + 2 BEAM (KK = 00);
IV: 2 BEAM + 4 BEAM (MM = 00);
V: 4 BEAM + 2 BEAM + 4 BEAM.

TABLE 3. PART NUMBER CODE. HPCE VERT P+S CONFIG (SPECIAL)

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 (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
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. DIM IS NOT APPLICABLE IF NO 4 BEAM CONTACT.
15. DIM IS NOT APPLICABLE IF NO 2 BEAM CONTACT.
16. DIM IS NOT APPLICABLE IF NO POLARIZATION KEY.
17. DUE TO FCI PART NUMBER LENGTH LIMITED, A LETTER WILL REPLACE MM AND KK, DETAIL SEE TABLE 5.



EXAMPLE: 10127905-BI2B24BLF

TABLE 5	
LETTER	REPRESENT QUAD PWR BEAM QTY
A	08
B	16
C	24
D	32
E	40
F	48
G	56

spec ref -		dr De-Ming Lu 2013/11/03		projection	MM	size A2	scale 4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng De-Ming Lu 2014/02/19				ecn no -	rel level Released
ISO 406		chr -					
ISO 1101		appr Pei-Ming Zheng 2014/02/19				product family HPCE	
surface	linear	0.X ±0.5		title VERT REC WITH ENHANCED WALLS		dwg no 10127905	rev A
		0.XX ±0.25					
		0.XXX ±0.10					
	angular 0° ±2°	www.fci.com		cat. no.			