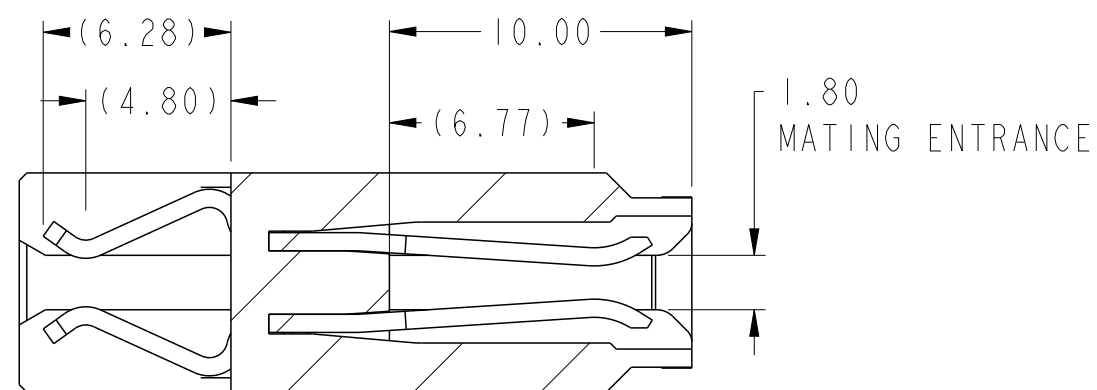
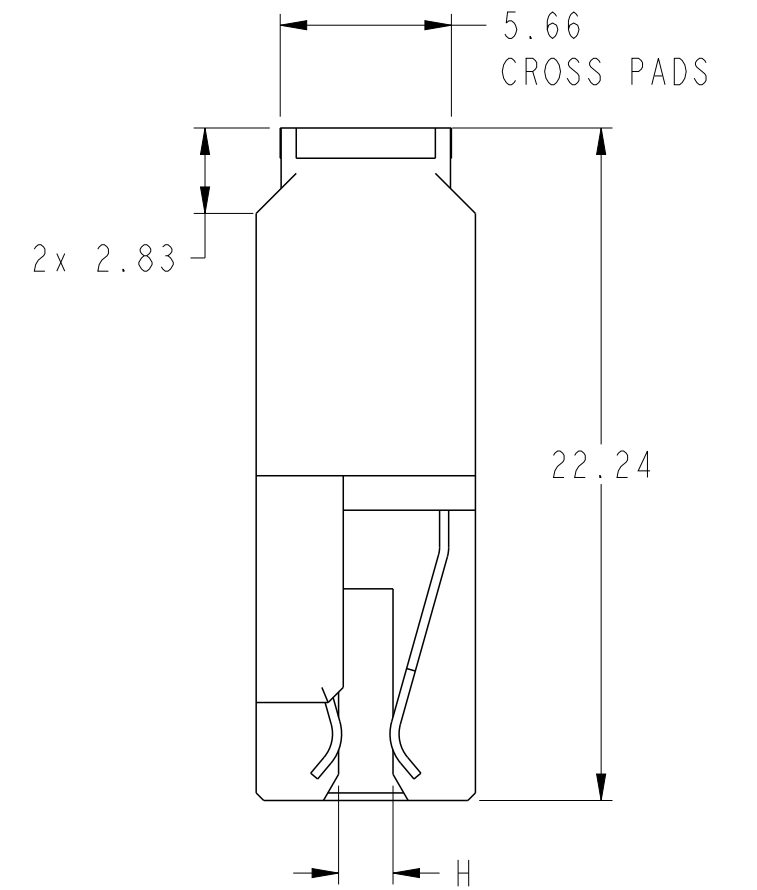
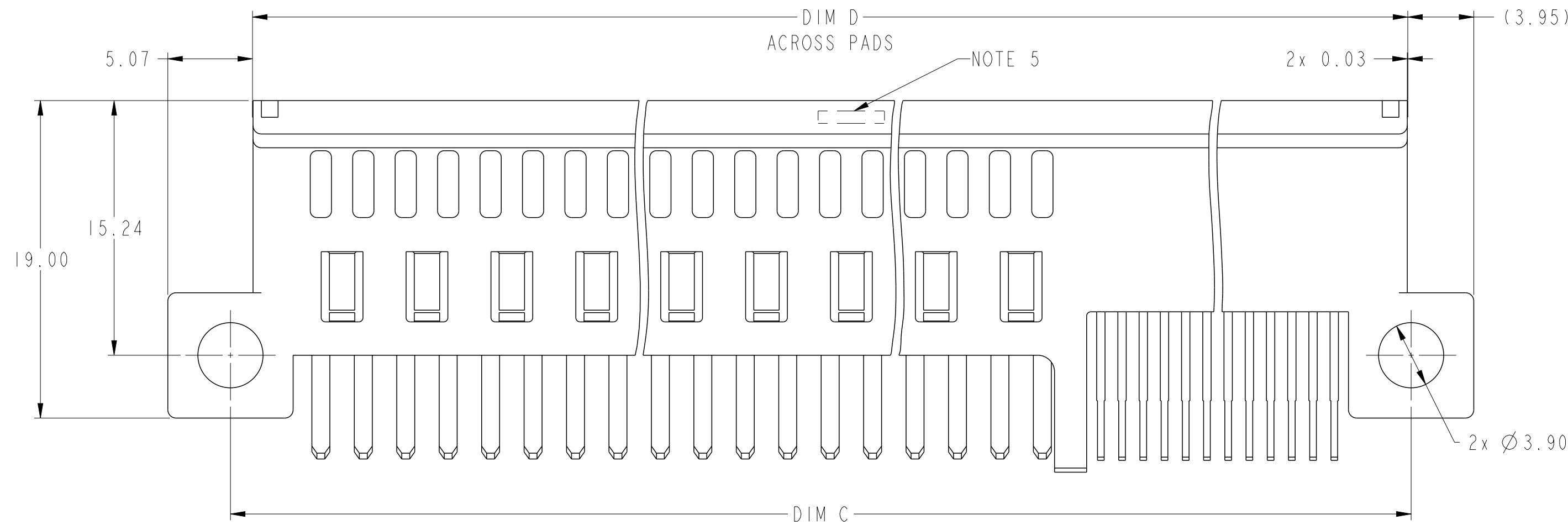
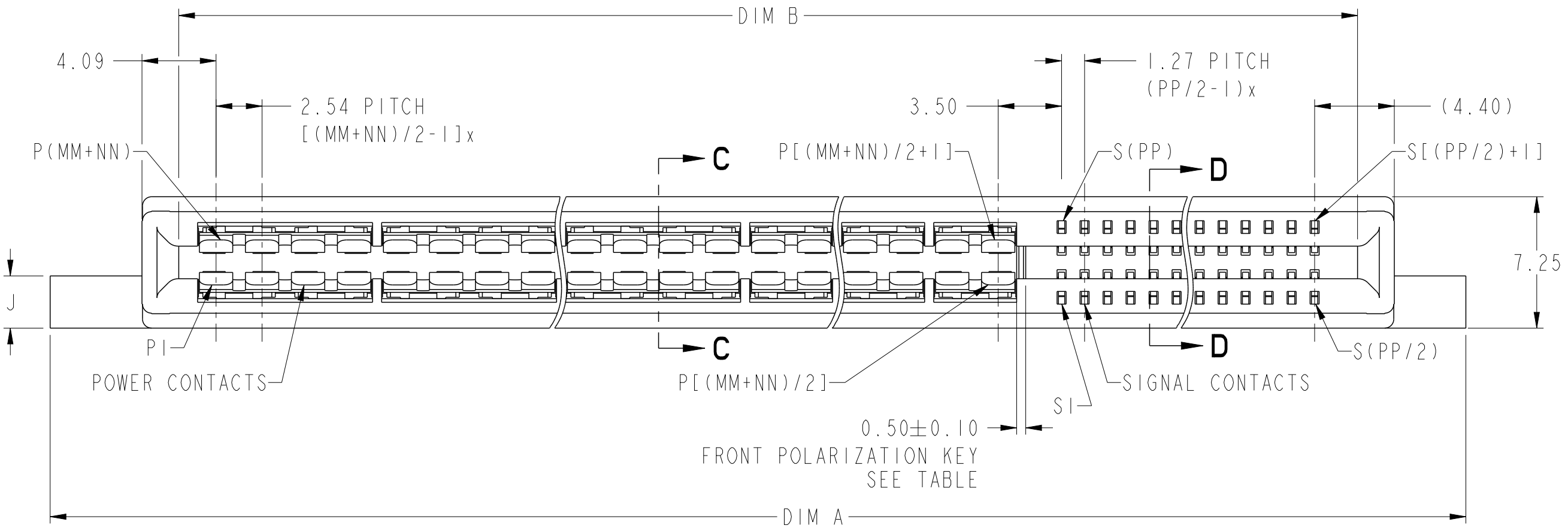
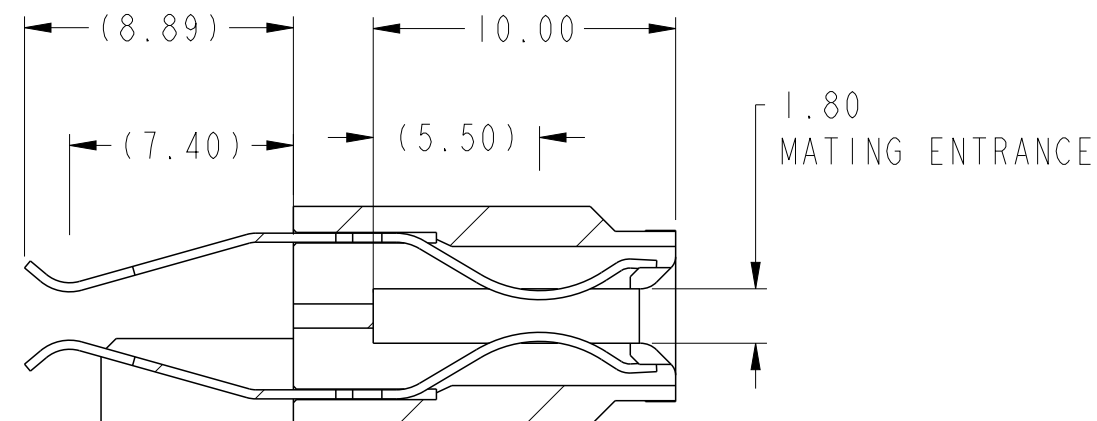


WITH MOUNTING ERRS



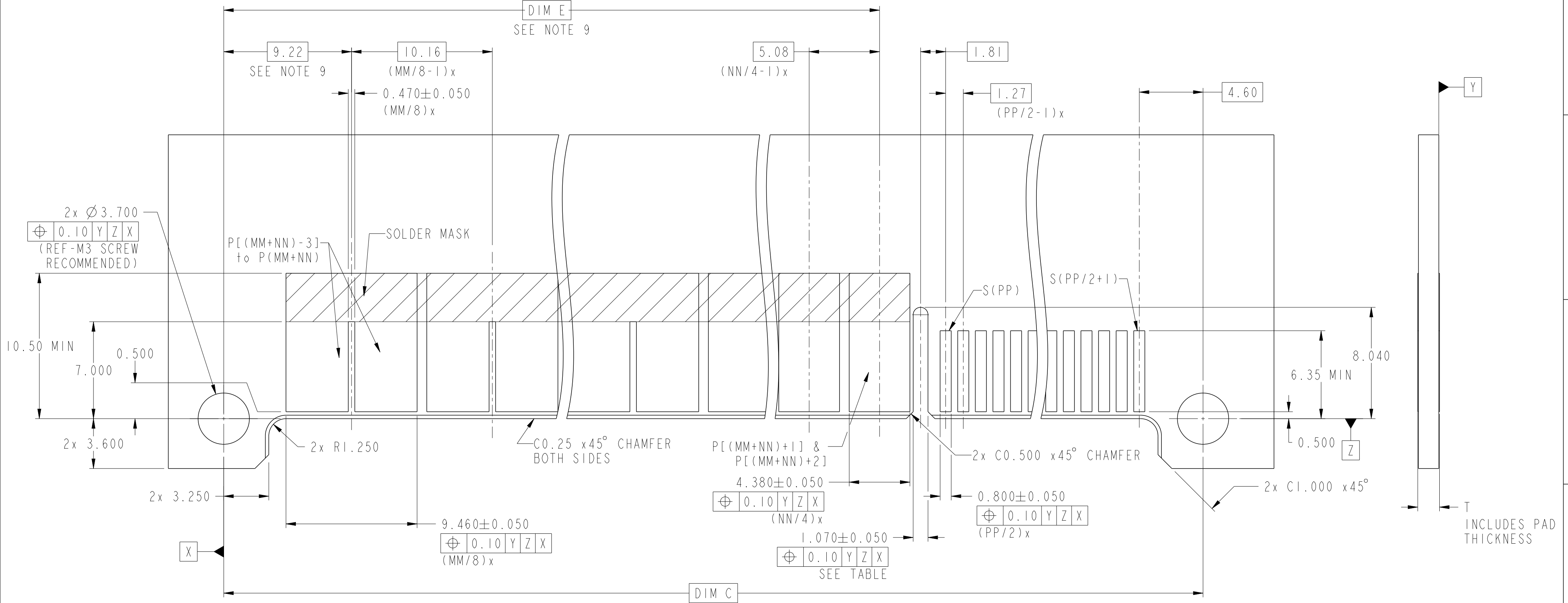
SECTION C-C



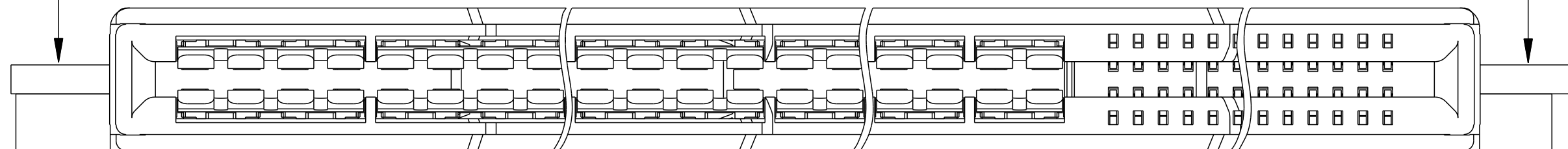
SECTION D-D


spec ref	-	dr	Liu Jenson	2013/08/19	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Leborn Luo	2018/01/05	chr	Feng Zheng	ecn no	ELX-DG-24594-1	rel level	Released
surface	ISO 1302	appr	Pei-Ming Zheng	2018/01/11	product family	CARD EDGE	rel level	Released	rev	C
TOLERANCES UNLESS OTHERWISE SPECIFIED		Amphenol FCI		title		HPCE STMT REC		dwg no		10126933
linear		0.X		±0.5		0.XX		±0.25		cat. no.
0.XXX		±0.10		angular		0°		±2°		Product - Customer Drw
angular		0°		±2°		sheet 1 of 6		PDS: Rev :C		STATUS:Released
0°		±2°		cat. no.		Product - Customer Drw		Printed: Jan 11, 2018		

WITH MOUNTING ERRS

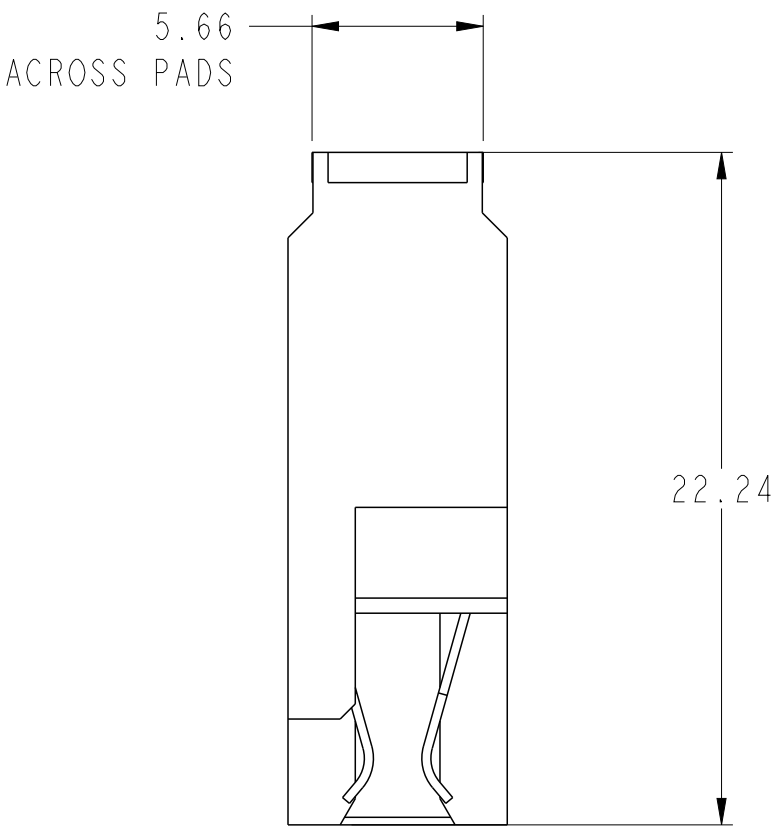
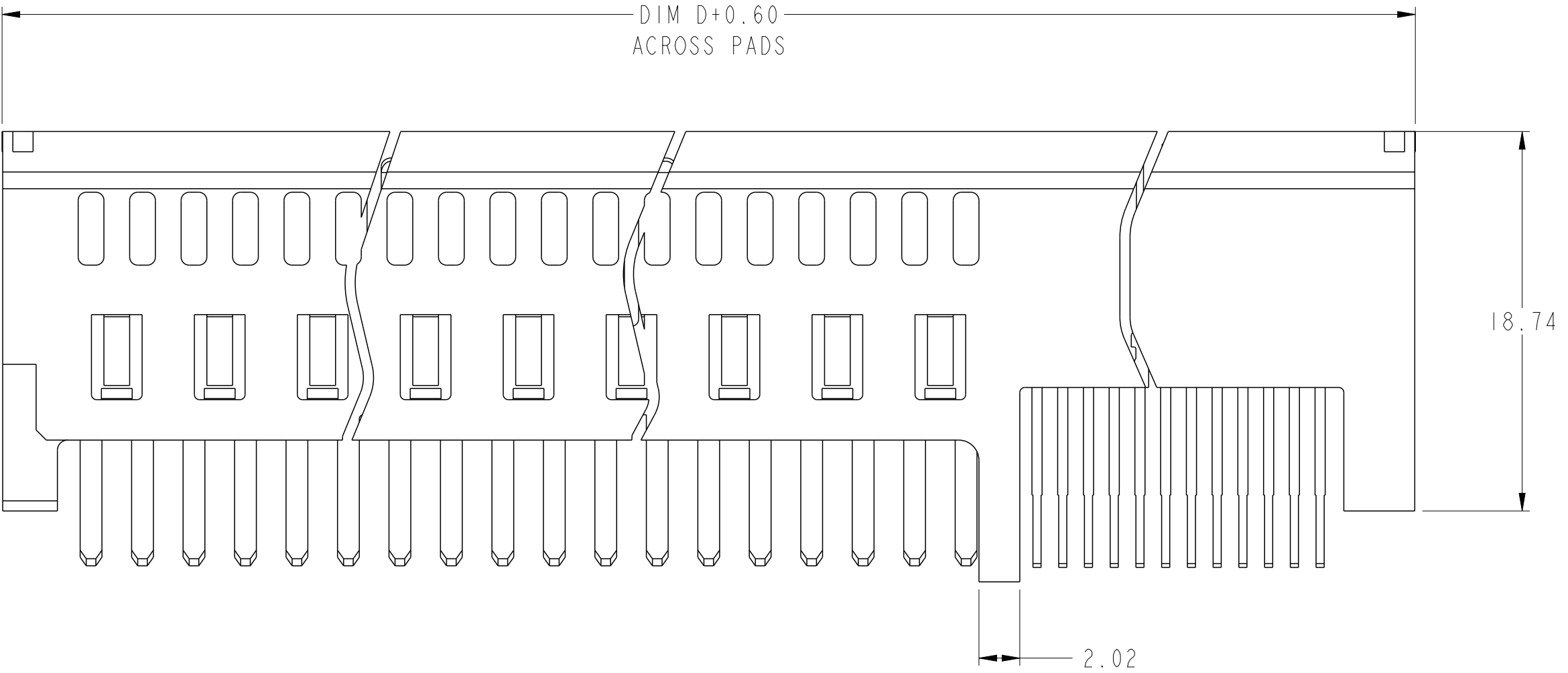
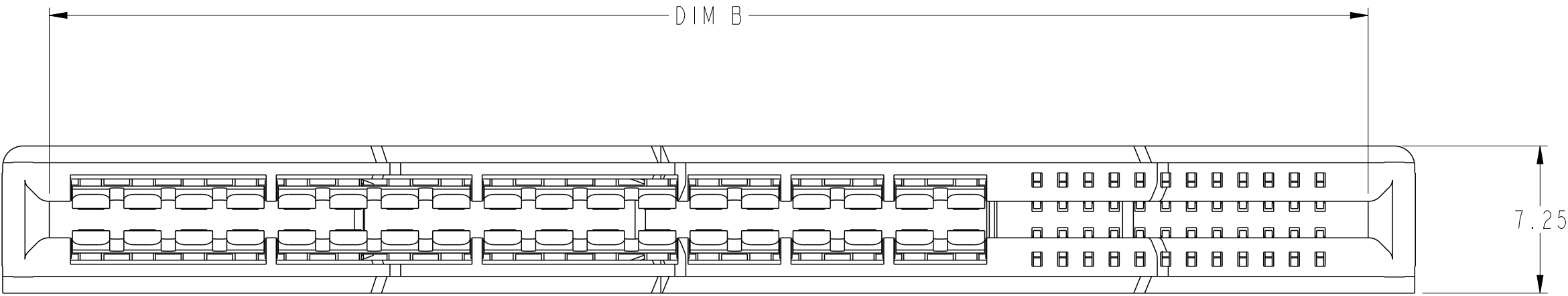


RECOMMENDED HOST BOARD LAYOUT
AS VIEWED





spec ref		-		dr		Liu Jensen		2013/08/19		projection				MM		size		A2		scale		2:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Leborn Luo		2018/01/05		chr		Feng Zheng		2018/01/11		ecn no		ELX-DG-24594-1					
ISO 406				appr		Pei-Ming Zheng		2018/01/11		product family		-				rel level		Released					
ISO 1101																							
surface		linear		0.X		±0.5		Amphenol		title		HPCE STMT REC		dwg no		10126933						rev	
				0.XX		±0.25		FCI														C	
				0.XXX		±0.10																	
ISO 1302		angular		0°		±2°				cat. no.		-		Product - Customer Drw						sheet 2 of 6			

WITHOUT MOUNTING EARS



NOTES:
OTHER DIMENSIONS ARE THE SAME AS THE DRAWING WITH MOUNTING EARS.

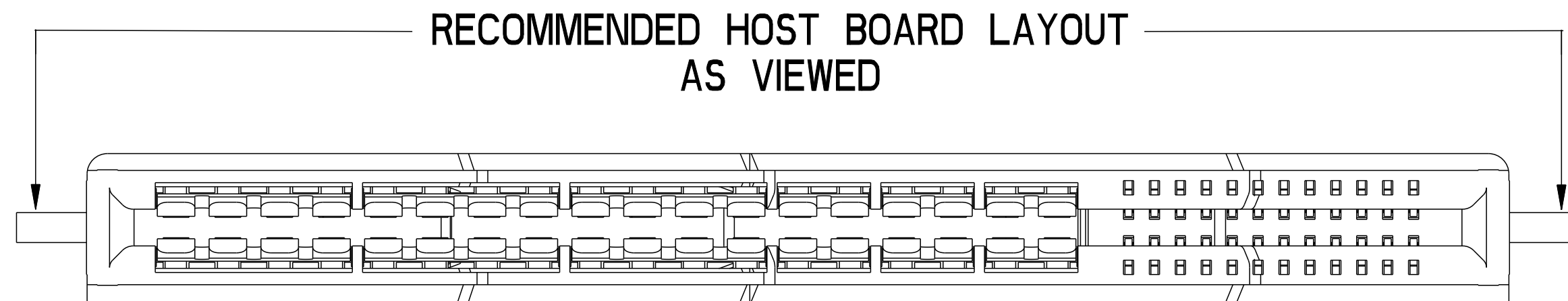
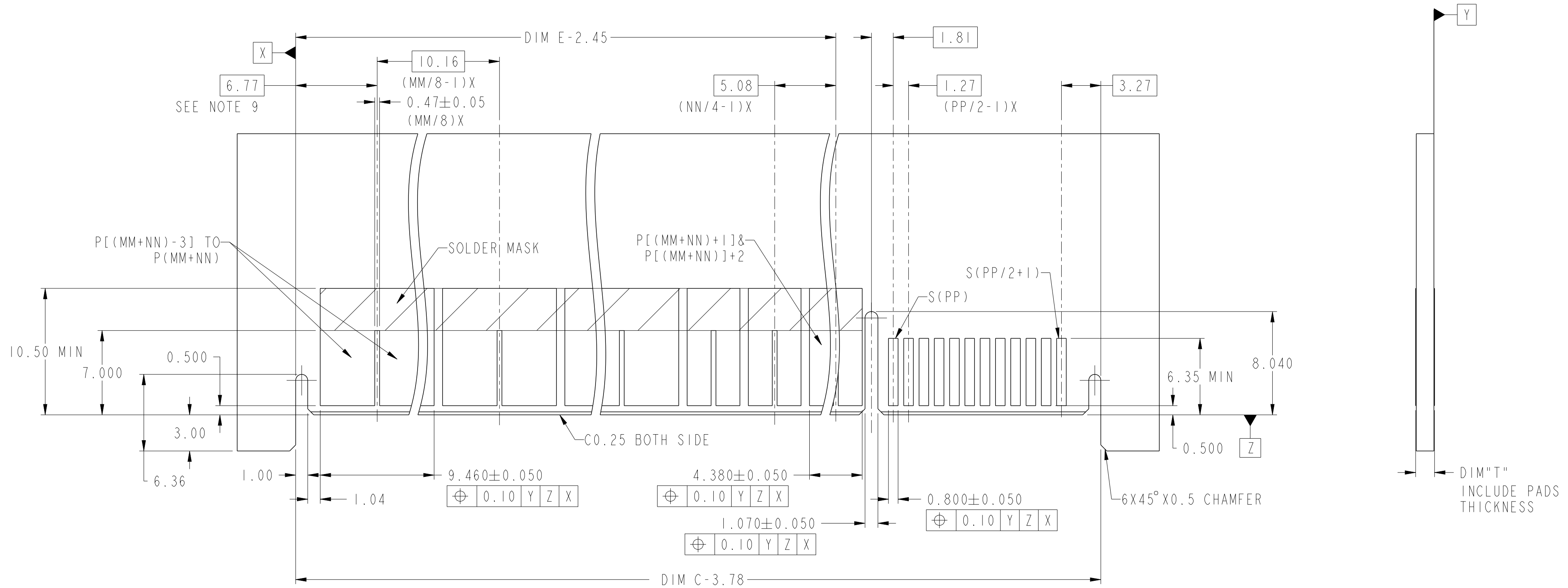
spec ref -				dr Liu Jenson		2013/08/19		projection		MM		size A2		scale 4:1	
tolerance std				eng Leborn Luo		2018/01/05						ecn no		ELX-DG-24594-1	
ISO 406				chr Feng Zheng		2018/01/11						rel level		Released	
ISO 1101				appr Pei-Ming Zheng		2018/01/11						product family		CARD EDGE	
surface		linear		Amphenol FCI		title HPCE STMT REC		dwg no 10126933		rev C					
												0.X ±0.5			
												0.XX ±0.25			
		0.XXX ±0.10													
ISO 1302		angular 0° ±2°		cat. no.		-		Product - Customer Drw		sheet 3 of 6					

PDS: Rev :C

STATUS:Released

Printed: Jan 11, 2018

WITHOUT MOUNTING EARS

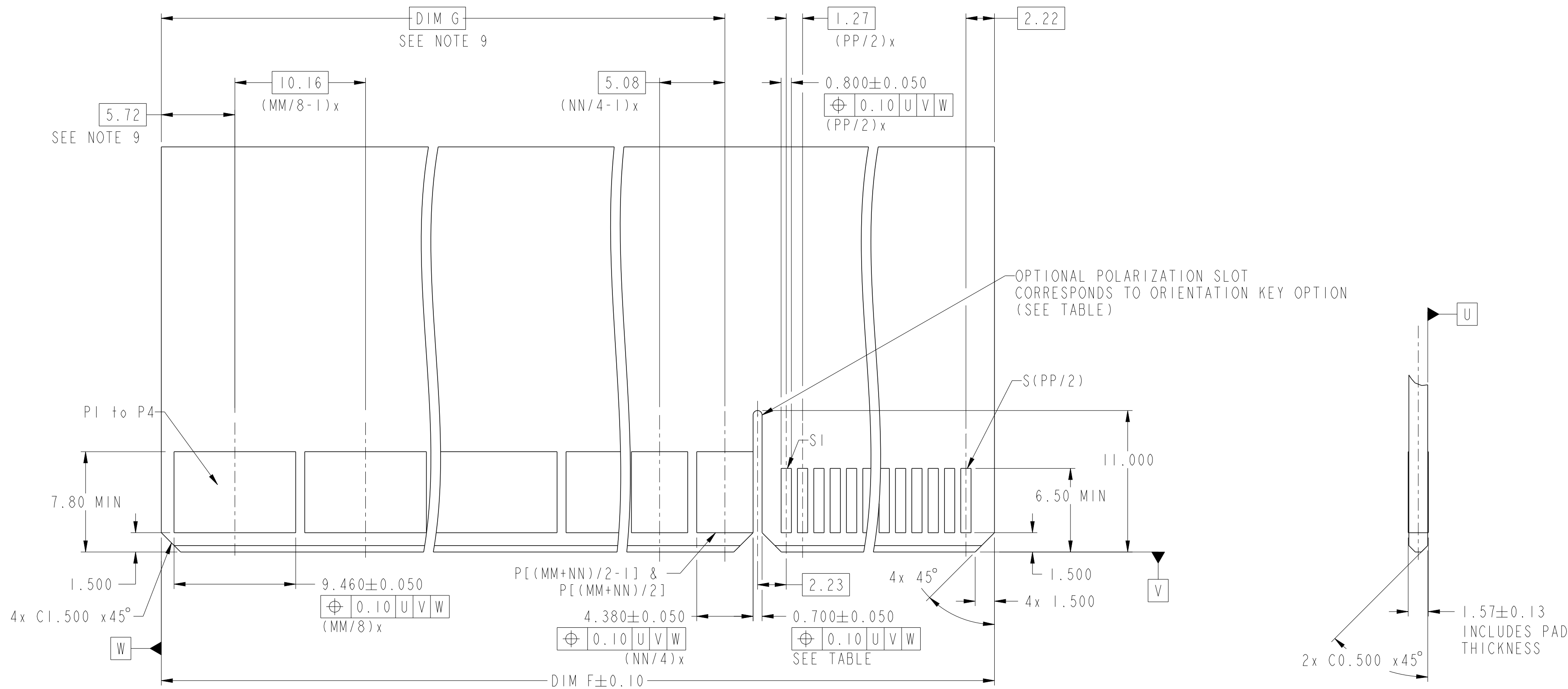


spec ref	-	dr	Liu Jenson	2013/08/19	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Leborn Luo	2018/01/05	chr	Feng Zheng	2018/01/11	ecn no	ELX-DG-24594-1	
surface	ISO 1302	appr	Pei-Ming Zheng	2018/01/11	product family	CARD EDGE	rel level	Released		
linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.10	Amphenol FCi	title	HPCE STMT REC UNIVERSAL CUSTOMER DRAWING	cat. no.	-	Product - Customer Drw	sheet 4 of 6	rev	C
angular	0° ±2°									



PDS: Rev :C

STATUS:Released

Printed: Jan 11, 2018



RECOMMENDED MATING BOARD FOOTPRINT

spec ref -				dr Liu Jenson		2013/08/19		projection		MM		size A2		scale 1:1	
tolerance std				eng Leborn Luo		2018/01/05						ecn no		ELX-DG-24594-1	
ISO 406 ISO 1101				chr Feng Zheng		2018/01/11		product family		-		rel level		Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr Pei-Ming Zheng		2018/01/11									
				Amphenol FCi		title HPCE STMT REC UNIVERSAL CUSTOMER DRAWING		dwg no 10126933		rev C					
surface		linear		0.X ±0.5		0.XX ±0.25		0.XXX ±0.10		angular		0° ±2°			
ISO 1302															

A

B

C

D

E

F

A

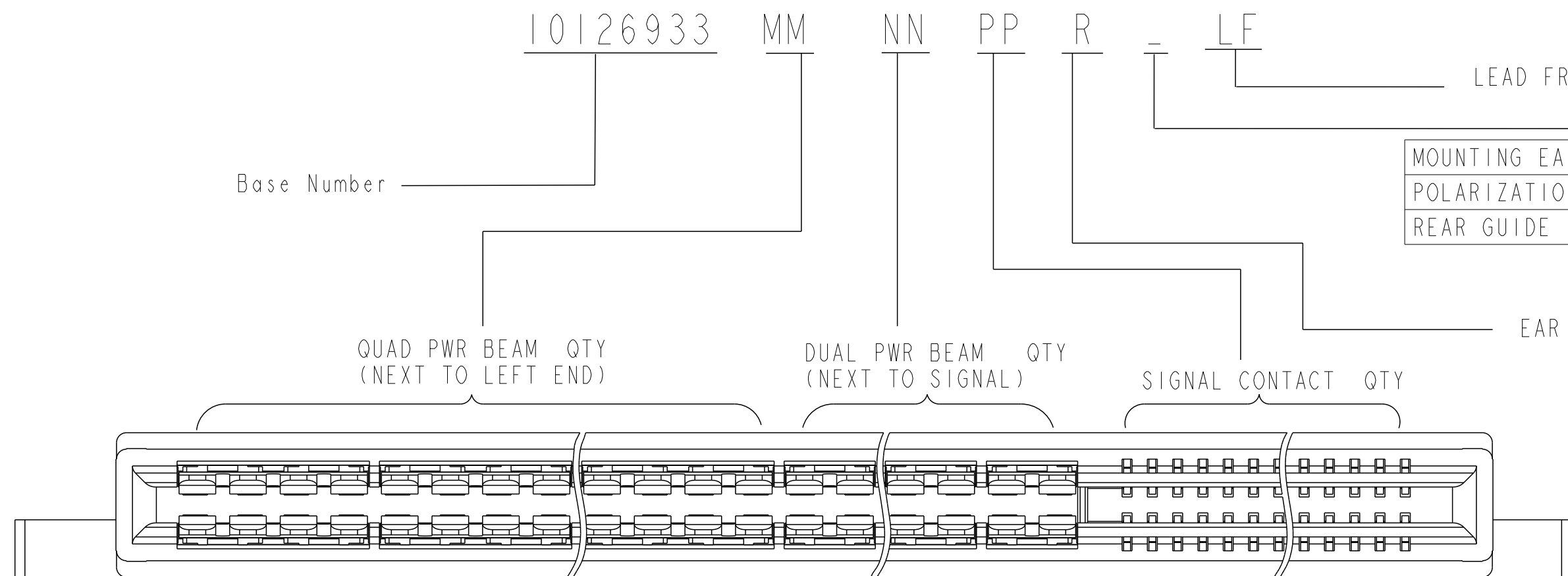
B

C

D

E

F



	A	B	C	D	E	F	G	H
MOUNTING EARS	Y	Y	Y	N	N	N	Y	N
POLARIZATION KEY	Y	N	N	Y	N	N	Y	Y
REAR GUIDE	Y	Y	N	Y	Y	N	N	N

- 1.WITH GAP HEIGHT H=2.160mm , HOST BOARD THICKNESS T=1.83±0.13mm;
IF WITH EARS , EAR HEIGHT J= 2.700mm
- 2.WITH GAP HEIGHT H=2.410mm , HOST BOARD THICKNESS T=2.08±0.13mm;
IF WITH EARS , EAR HEIGHT J= 2.575mm
- 3.WITH GAP HEIGHT H=2.770mm , HOST BOARD THICKNESS T=2.44±0.13mm;
IF WITH EARS , EAR HEIGHT J= 2.395mm
- 4.WITH GAP HEIGHT H=3.080mm , HOST BOARD THICKNESS T=2.75±0.18mm;
IF WITH EARS , EAR HEIGHT J= 2.240mm
- 5.WITH GAP HEIGHT H=3.340mm , HOST BOARD THICKNESS T=3.01±0.18mm;
IF WITH EARS , EAR HEIGHT J= 2.110mm


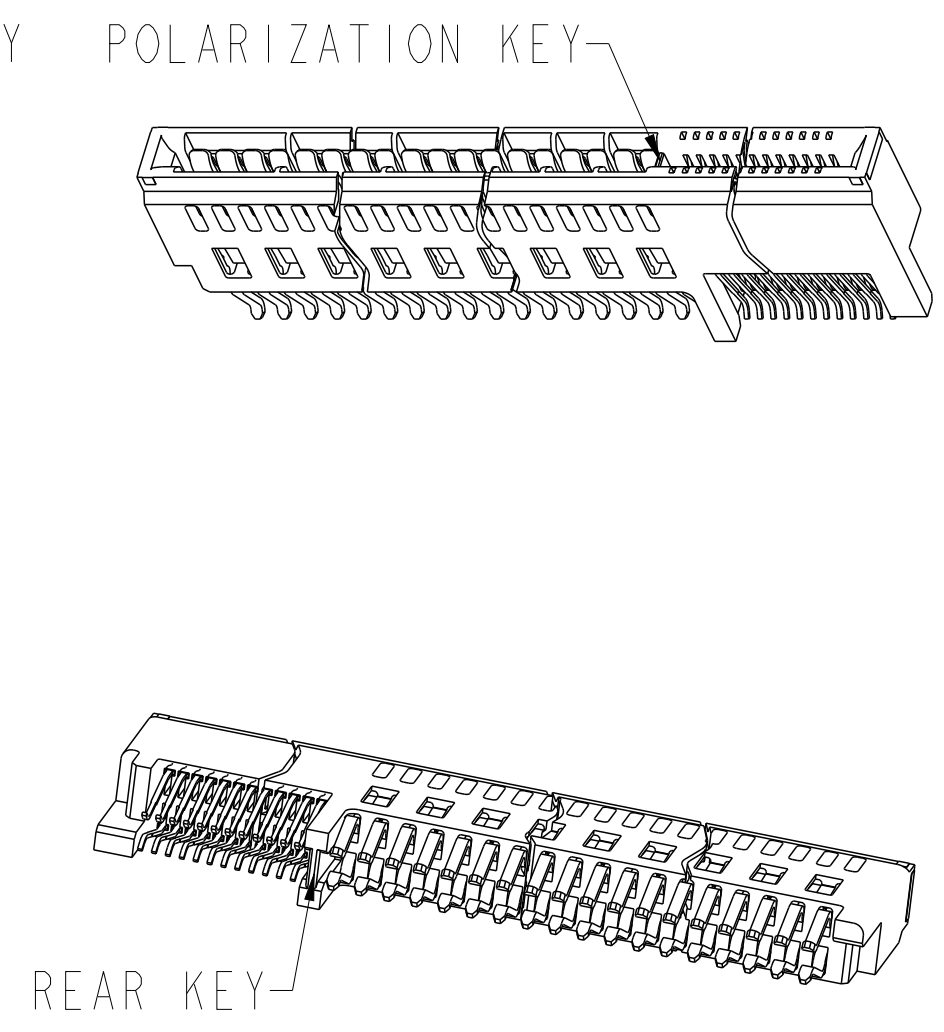
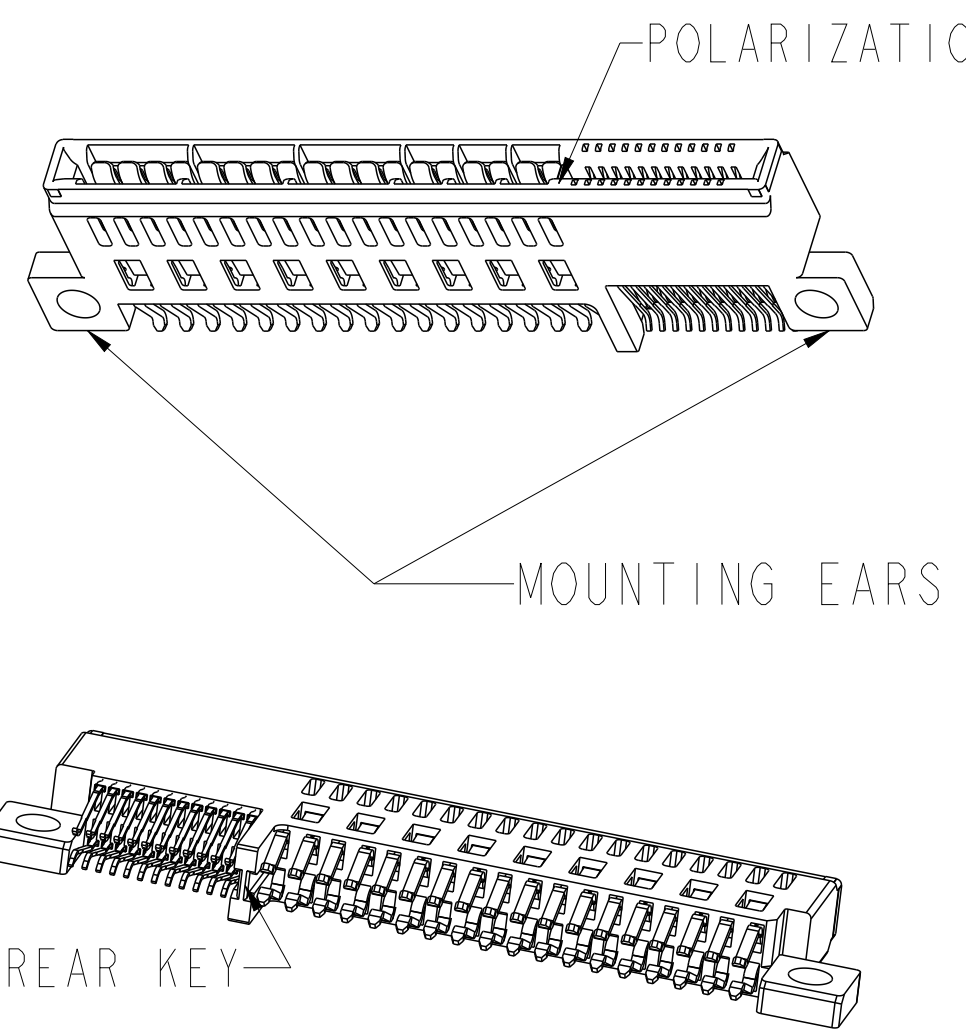
Example: THE CONFIGURATION ABOVE IS 101269332412241ALF 
STRADDLE MT WITH ENHANCED WALLS 36P24S WITH MOUNTING EARS,
POLARIZATION KEY AND REAR KEY.
24P IS 4 BEAM CONTACTS, 12P IS 2 BEAM CONTACTS.

TABLE: PART NUMBER CODE FOR HPCE MT WITH ENHANCED WALLS 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 (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. MAXIMUM OVERALL LENGTH IS 100mm.
CURRENT MOLDING TOOL CAN SUPPORT 14X4BEAM,28X2BEAM,72X SIGNAL
9. DIM IS NOT APPLICABLE IF NO 4 BEAM CONTACT.



WITH MOUNTING EARS

WITHOUT MOUNTING EARS

DIM	TABLE 2. LENGTH FORMULAS
DIM A ⑧	(MM + NN) / 2 x 2.54 + (PP / 2) x 1.27 + 17.2
DIM B	DIM A - 13.08
DIM C	DIM A - 7.5
DIM D	DIM A - 9.02
DIM E ⑨	(MM / 8 - 1) x 10.16 + (NN / 4 - 1) x 5.08 + 16.84 (WITH 4 BEAM CONTACT) (NN / 4 - 1) x 5.08 + 6.68 (WITHOUT 4 BEAM CONTACT)
DIM F	DIM A - 13.38
DIM G ⑨	(MM / 8 - 1) x 10.16 + (NN/4 - 1) x 5.08 + 13.34 (WITH 4 BEAM CONTACT) (NN / 4 - 1) x 5.08 + 3.18 (WITHOUT 4 BEAM CONTACT)

spec ref		-		dr		Liu Jenson		2013/08/19		projection		MM		size		A2		scale		4:1			
tolerance std		ISO 406 ISO 1101		eng		Leborn Luo		2018/01/05						ecn no		ELX-DG-24594-1							
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Feng Zheng		2018/01/11		product family						CARD EDGE		rel level		Released					
		appr		Pei-Ming Zheng		2018/01/11																	
surface		-		linear		0.X		±0.5		Amphenol FCI		title		HPCE STMT REC		dwg no		10126933		rev		C	
		0.XX		±0.25																			
		0.XXX		±0.10																			
ISO 1302		angular		0°		±2°				cat. no.		-		Product - Customer Drw				sheet 6 of 6					