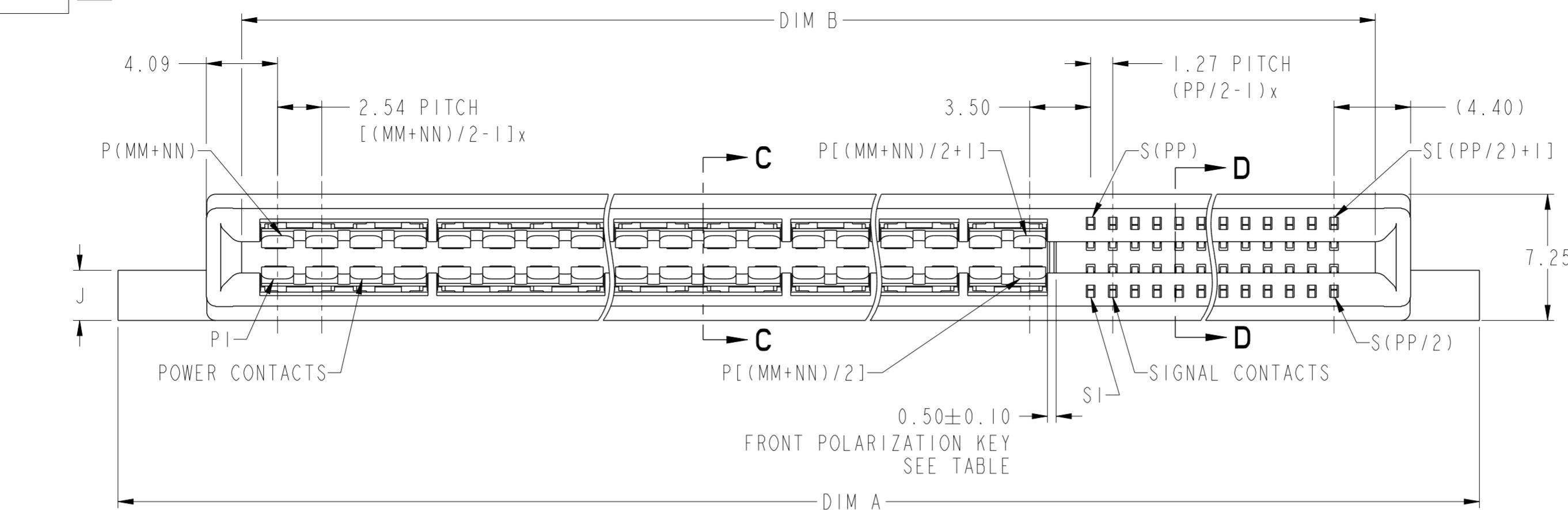
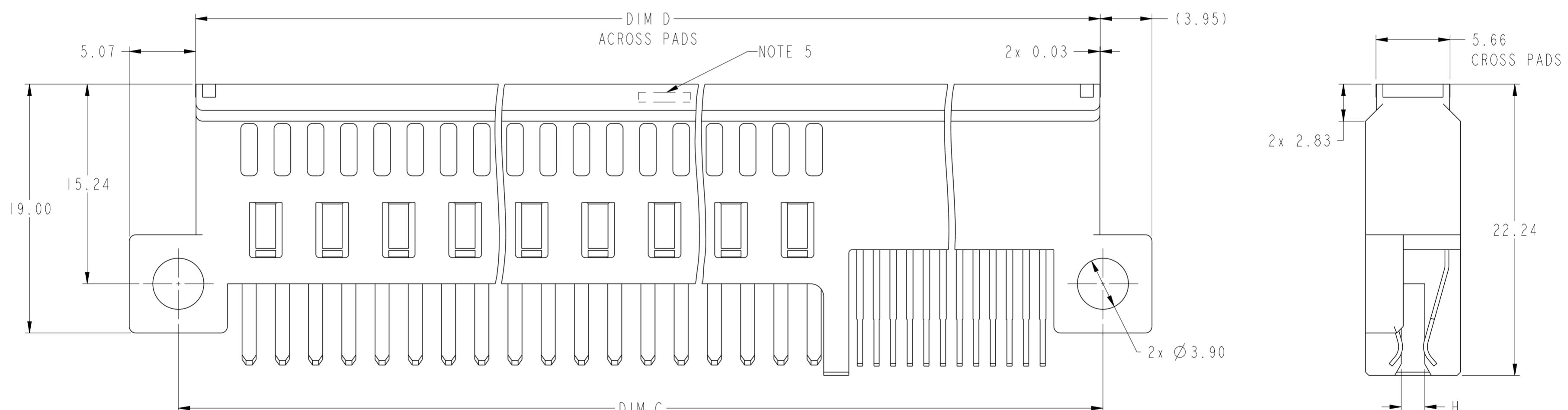


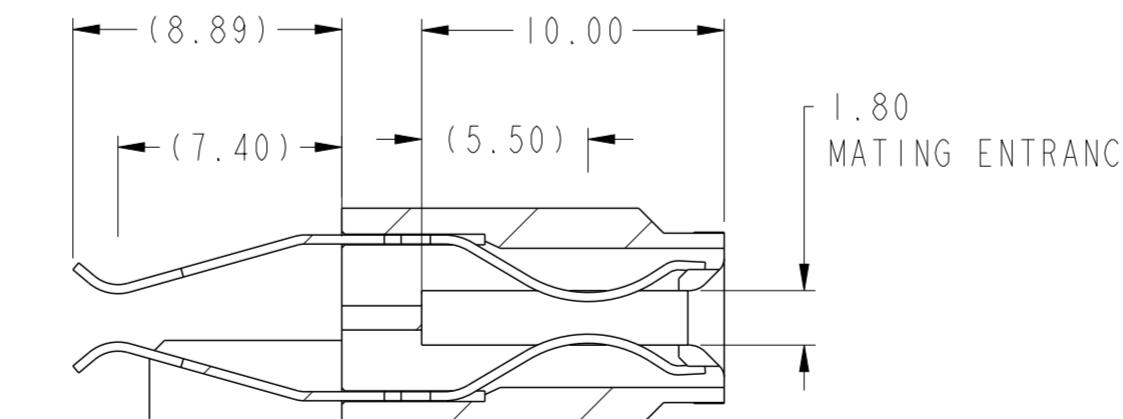
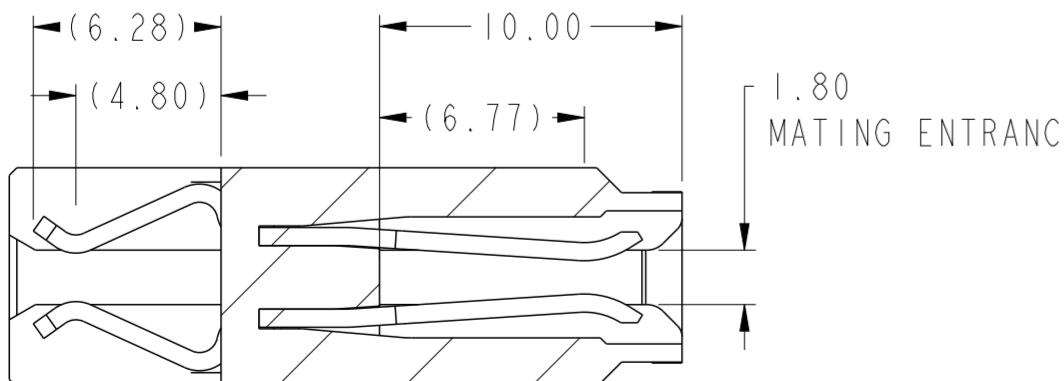
WITH MOUNTING ERRORS



Amphenol FCI



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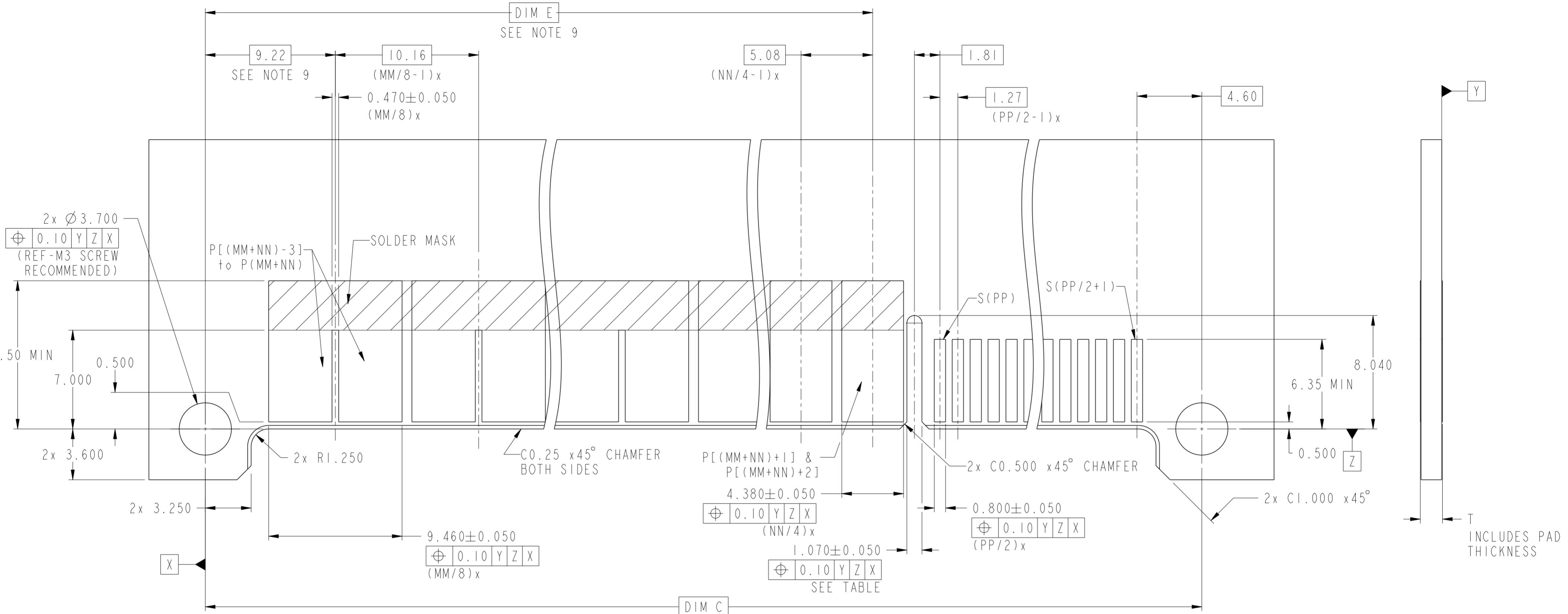


SECTION C-C

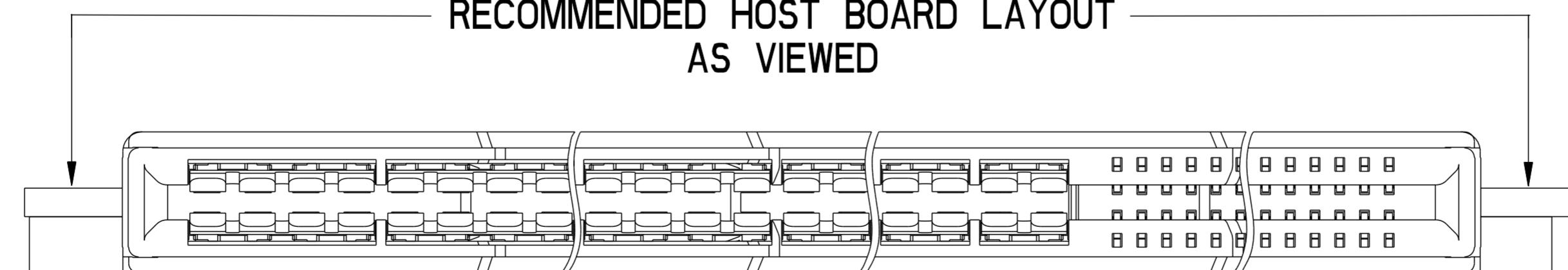
SECTION D-D

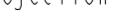
spec ref	-	dr	Liu Jenson	2013/08/19			size	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Leborn Luo	2018/01/05			A2	4:1
ISO 406		chr	Feng Zheng	2018/01/11			ecn no	ELX-DG-24594-1
ISO 1101		appr	Pei-Ming Zheng	2018/01/11			rel level	Released
surface	-	linear	0.X	±0.5			dwg no	rev
ISO 1302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

WITH MOUNTING ERRORS



— RECOMMENDED HOST BOARD LAYOUT AS VIEWED



spec ref	-		dr	Liu Jenson	2013/08/19			size	A2	scale	2:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		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	-			
surface			linear	0.X	±0.5	Amphenol FCi	HPCE STMT REC		dwg no	10126933		rev
ISO 1302			0.XX	±0.25	UNIVERSAL CUSTOMER DRAWING					C		
			angular	0°	±2°		cat. no.	-		Product - Customer Drw	sheet 2 of 6	

WITHOUT MOUNTING EARS

A

6

6

1

8

2

1

1

A technical line drawing of a stadium section. The drawing shows multiple rows of stadium seating on the left, with a central aisle and a platform area. On the right, there is a large, multi-story structure with many windows, likely a press box or a large suite. A horizontal dimension line with arrows at both ends spans the width of the stadium section, labeled 'DIM B' above the drawing. To the right of the stadium section, there is a vertical dimension line with arrows at the top and bottom, labeled '7.2' to indicate the height of the right-hand structure.

DIM D+0.60
ACROSS PADS

18.7

Technical drawing of a component with the following dimensions:

- Width across pads: 5.66
- Total height: 22.24
- Width of the central slot: 1.5

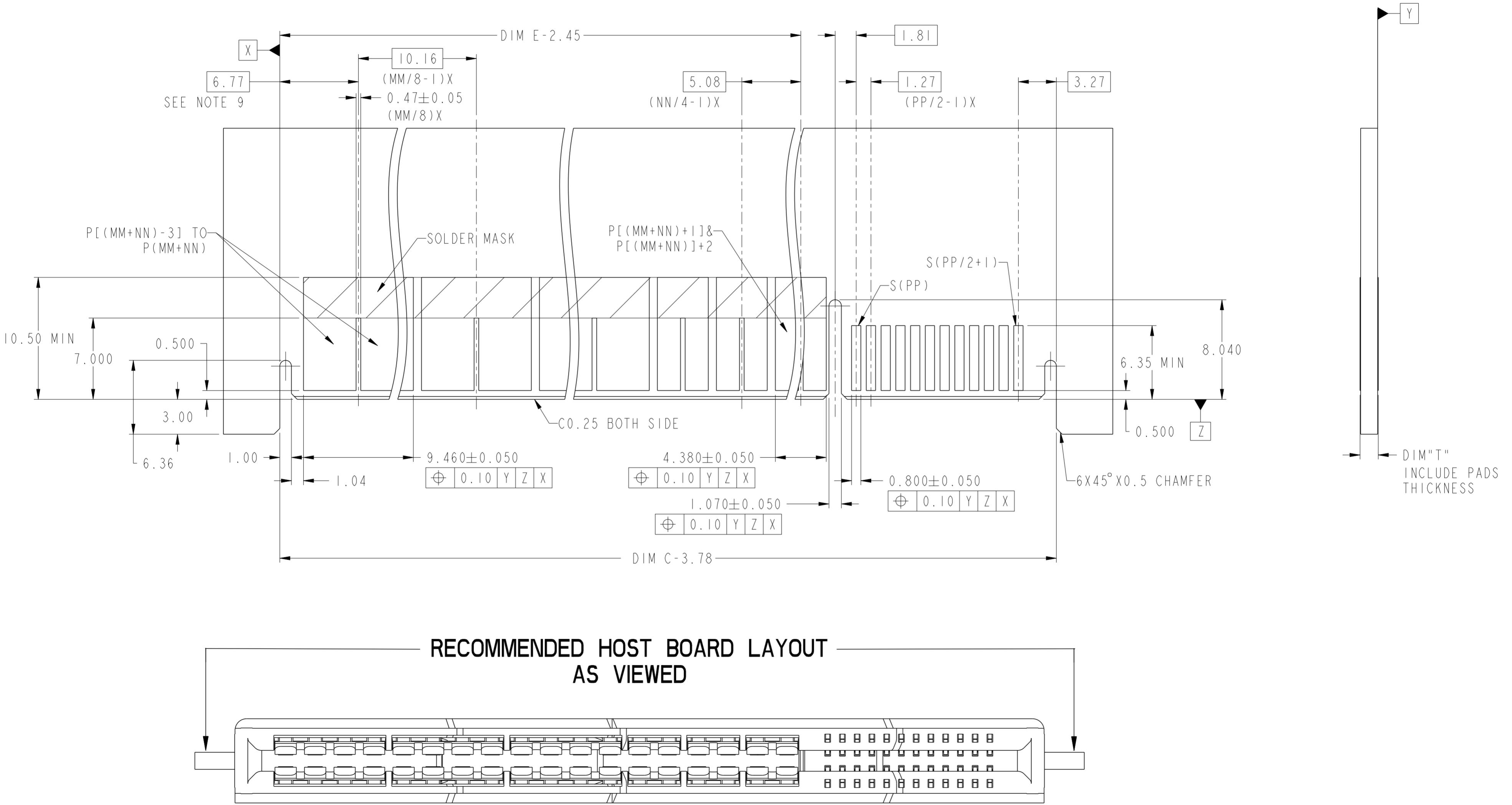
NOTES

OTHER DIMENSIONS ARE THE SAME AS THE DRAWING WITH MOUNTING EARS

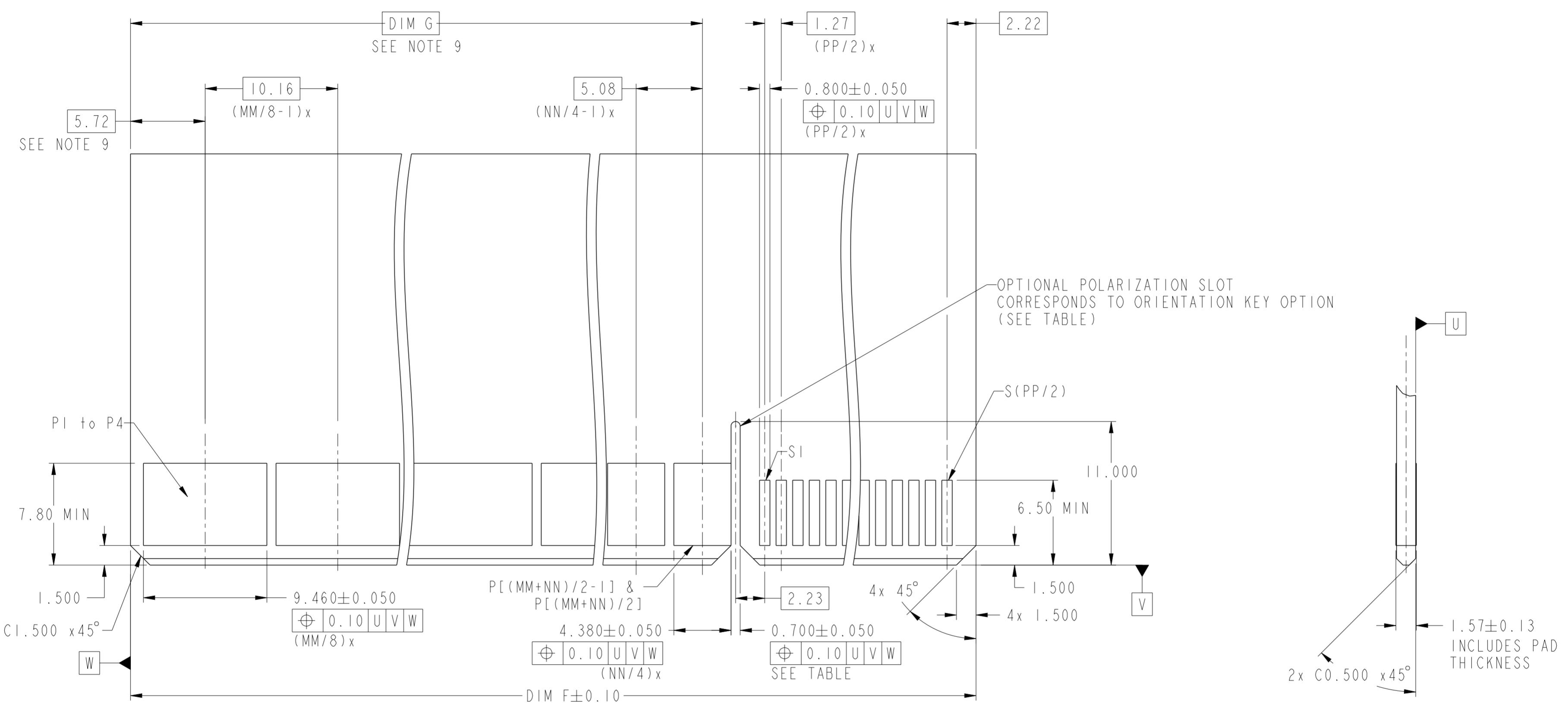
spec ref	-			dr	Liu Jenson	2013/08/19			size	A2	scale	4:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Leborn Luo	2018/01/05			ecn no	ELX-DG-24594-1				
ISO 406				chr	Feng Zheng	2018/01/11			rel level	Released				
ISO 1101				appr	Pei-Ming Zheng	2018/01/11			dwg no	10126933				
surface	-	linear	0.X	±0.5		HPCE STMT REC								
			0.XX	±0.25		UNIVERSAL CUSTOMER DRAWING								
			0.XXX	±0.10										
ISO 1302	✓	angular	0°	±2°		cat. no.	-	Product - Customer Drw		sheet 3 of 6				

2

<div



spec ref	-	dr	Liu Jenson	2013/08/19			size	A2	scale	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	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	rev	
surface	linear	0.X	±0.5	Amphenol FCi	HPCE STMT REC		dwg no	10126933	C	
ISO 1302	✓	0.XX	±0.25		UNIVERSAL CUSTOMER DRAWING		dwg no	10126933	C	
		0.XXX	±0.10		cat. no.	-	Product - Customer Drw	sheet 4 of 6		
		angular	0°							



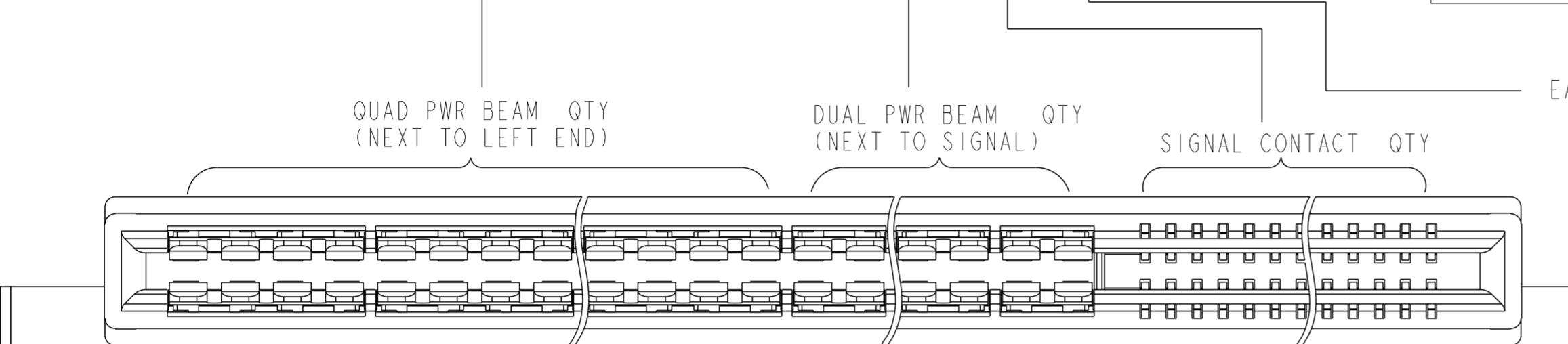
RECOMMENDED MATING BOARD FOOTPRINT

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			
ISO 406	TOLERANCES UNLESS	chr	Feng Zheng	2018/01/11						
ISO 1101	OTHERWISE SPECIFIED	oppr	Pei-Ming Zheng	2018/01/11	product family		rel level	Released		
surface	-	linear	0.X	±0.5						
			0.XX	±0.25						
			0.XXX	±0.10						
ISO 1302		angular	0°	±2°						
					HPCE STMT REC		rev			
					UNIVERSAL CUSTOMER DRAWING					
					cat. no.	-	Product	-	Customer Drw	sheet 5 of 6
					10126933					
					dwg no					
					10126933					
					rev					
					C					

10126933 MM NN PP R LF LEAD FREE

Base Number

	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



EAR HEIGHT AND HOST BOARD THICKNESS

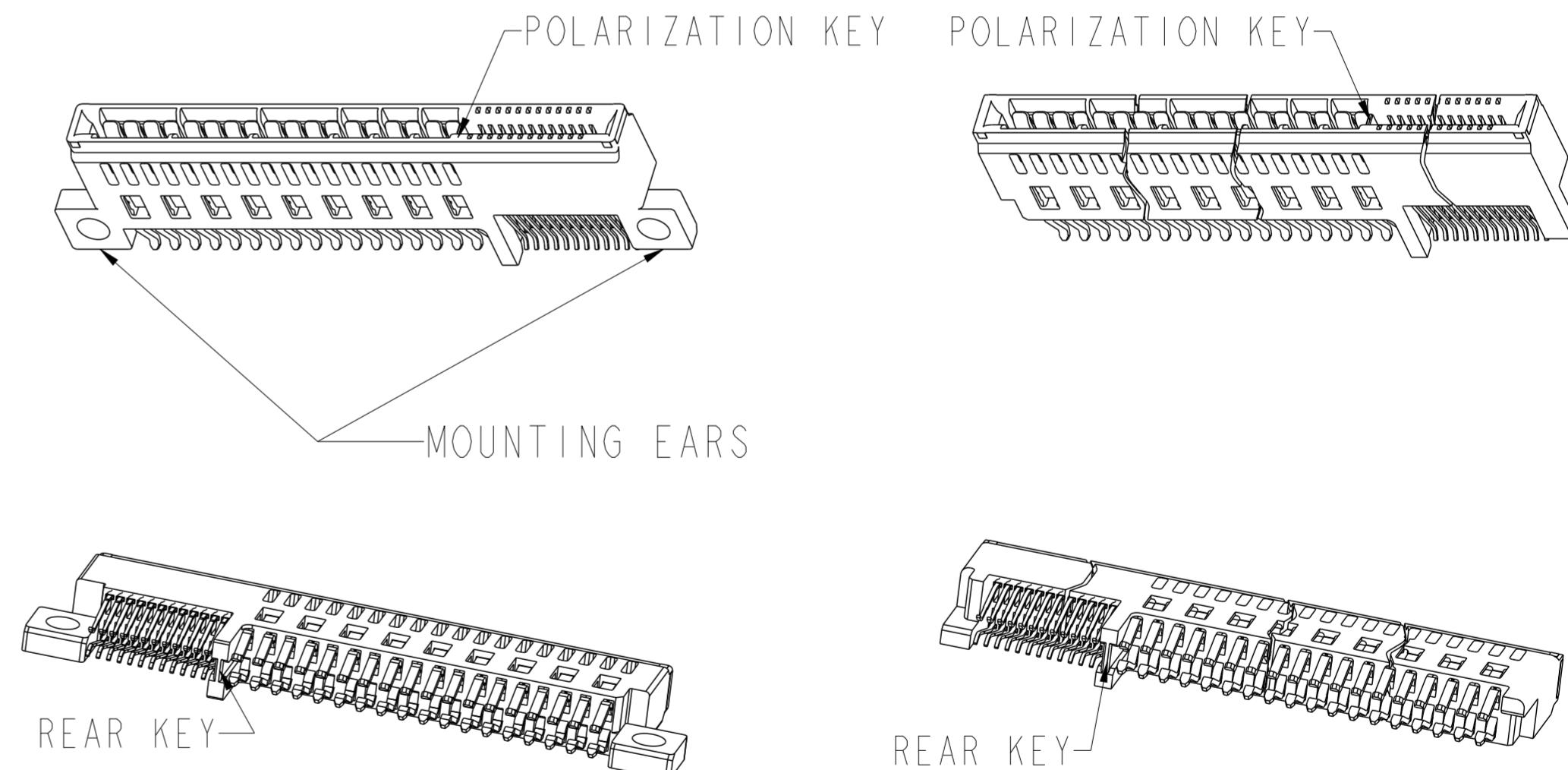
1. WITH GAP HEIGHT H=2.160mm, HOST BOARD THICKNESS T=1.83±0.13mm;
IF WITH EARS, EAR HEIGHT J= 2.700mm
2. WITH GAP HEIGHT H=2.410mm, HOST BOARD THICKNESS T=2.08±0.13mm;
IF WITH EARS, EAR HEIGHT J= 2.575mm
3. WITH GAP HEIGHT H=2.770mm, HOST BOARD THICKNESS T=2.44±0.13mm;
IF WITH EARS, EAR HEIGHT J= 2.395mm
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

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

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)								