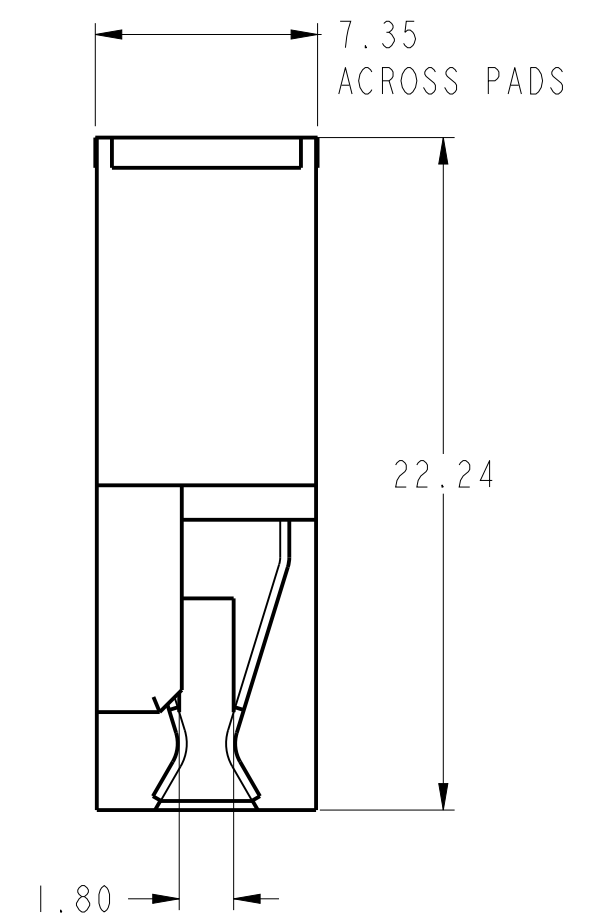
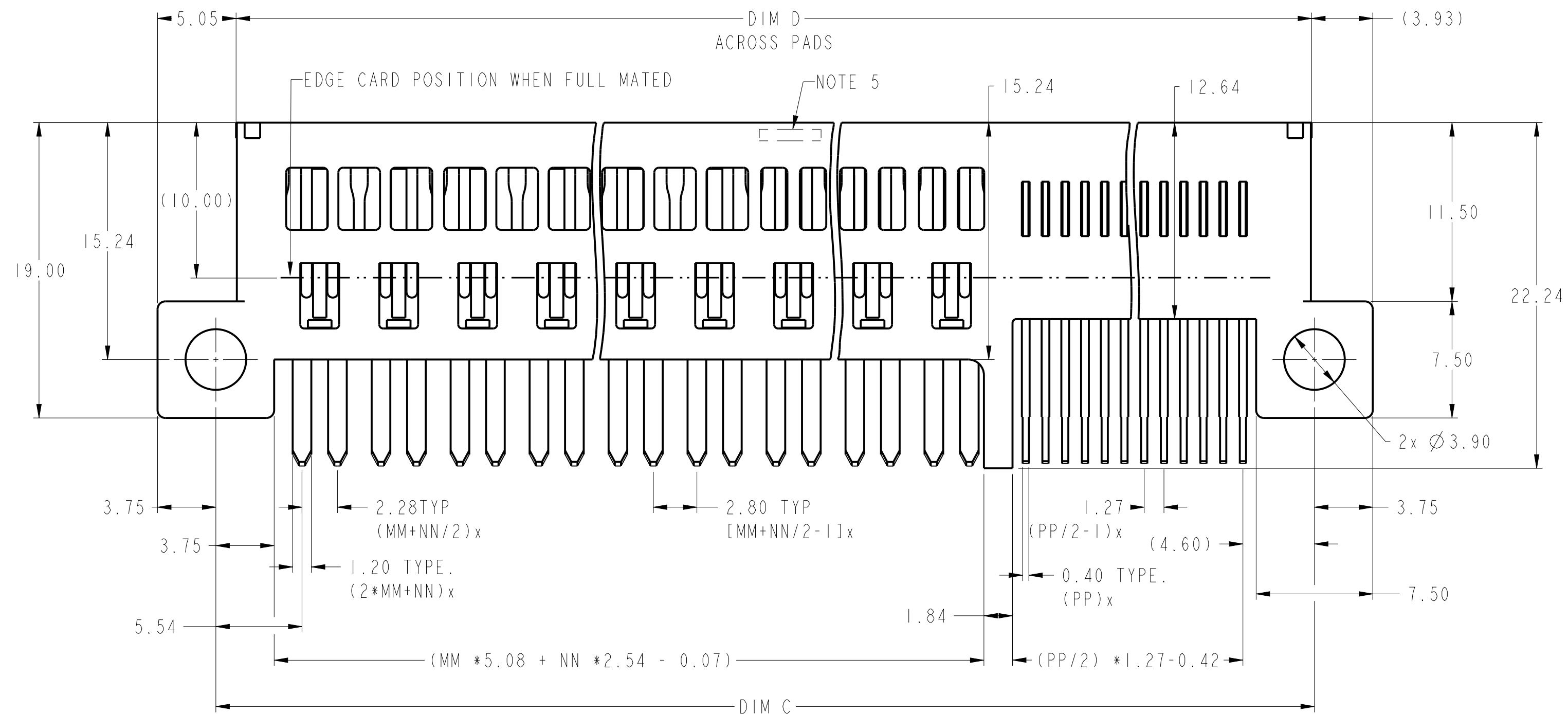
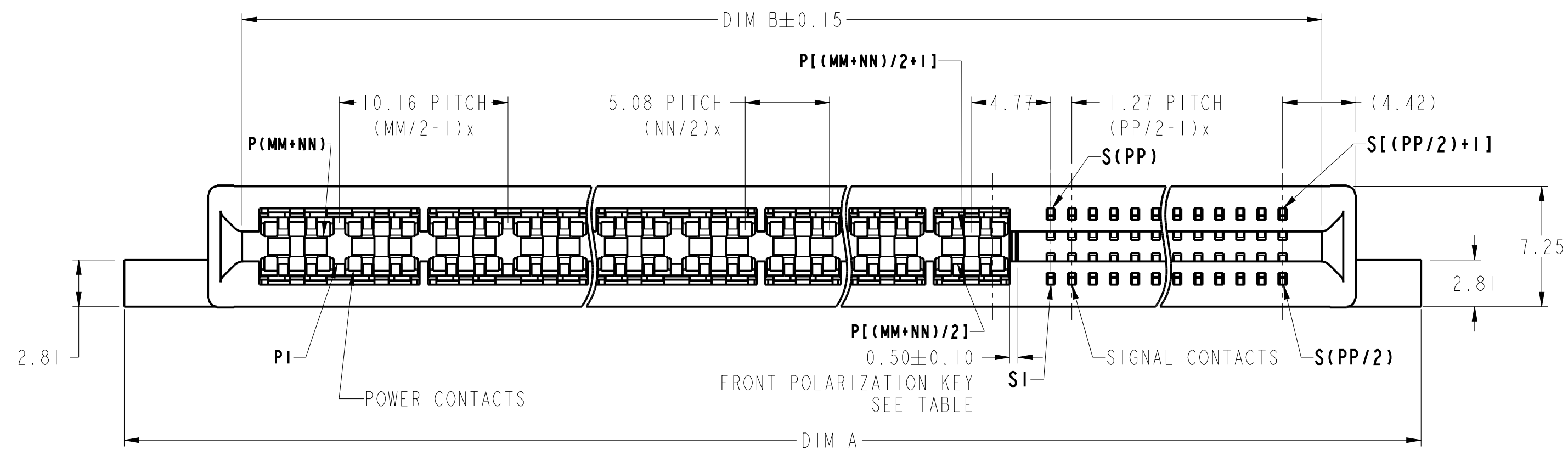
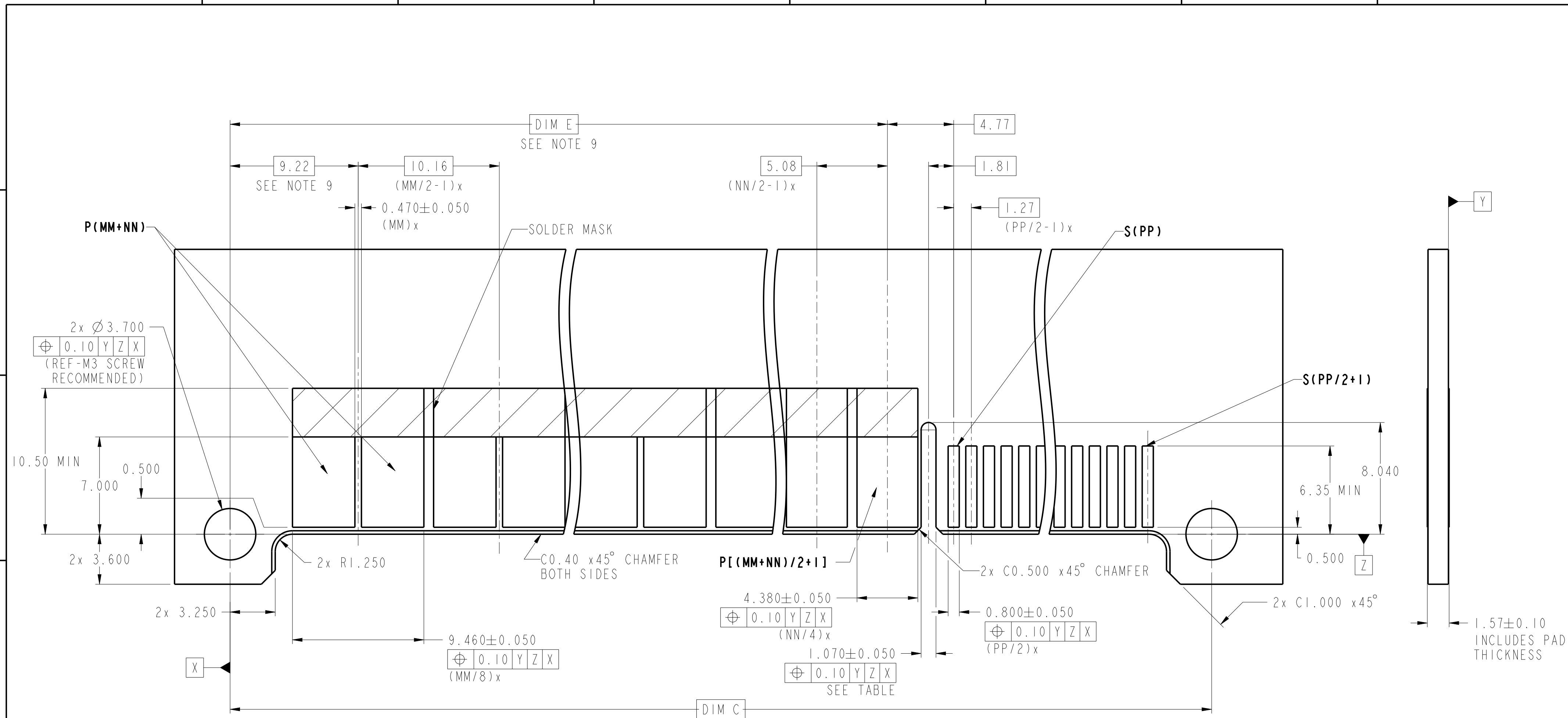
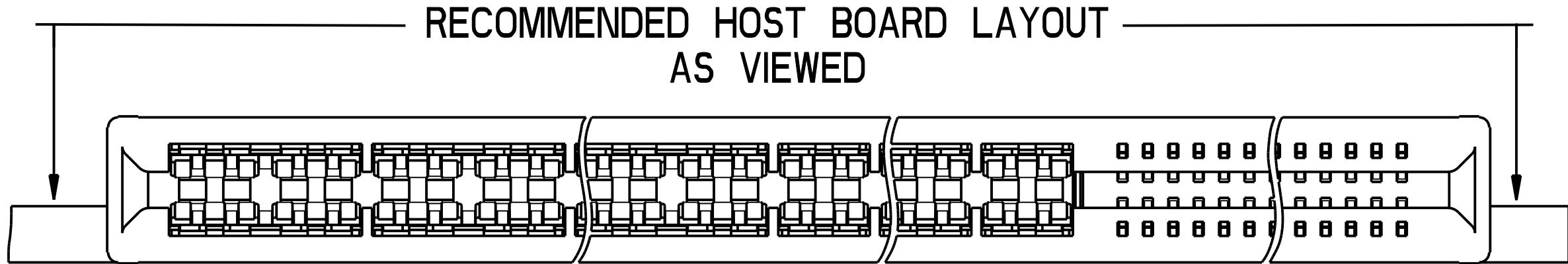




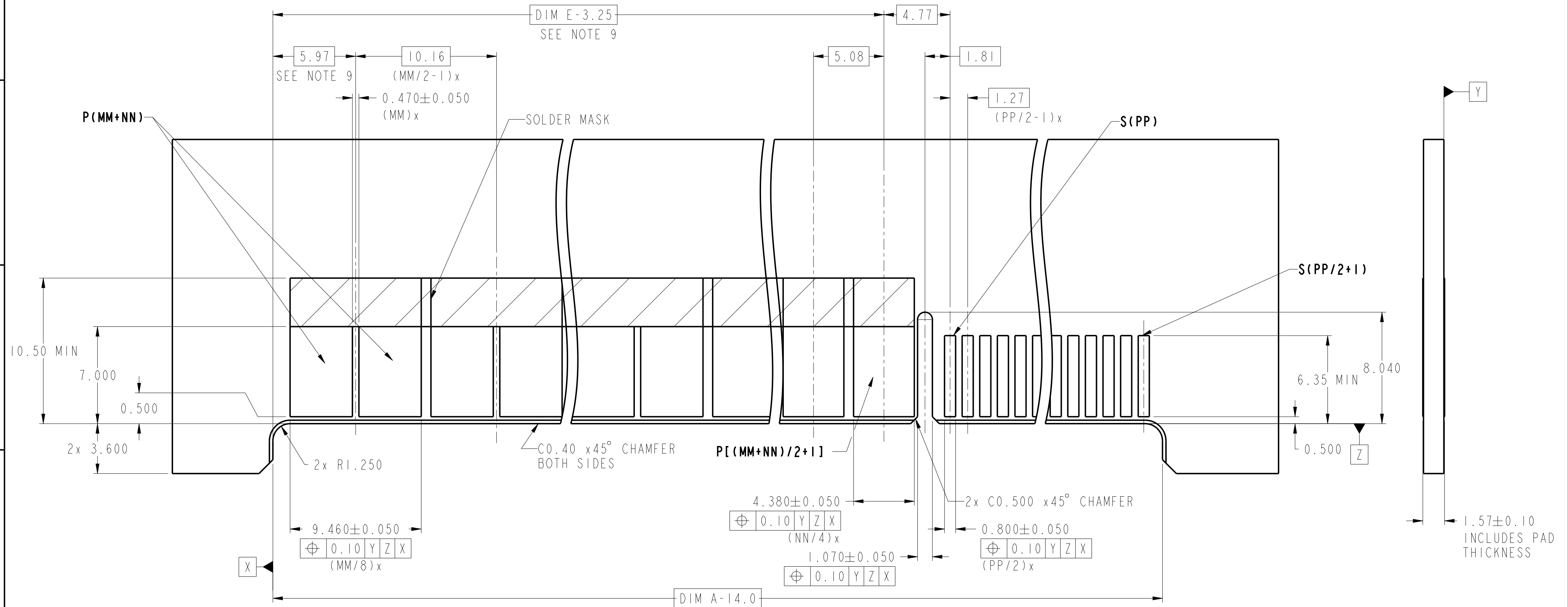
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tolerance std				eng		Andy Lu		2018-03-07						ecn no		-					
ISO 406		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Fancy Zhang		2018-03-07						rel level		In Work					
ISO 1101				appr		PM Zheng		2018-03-07		product family		CARD EDGE									
surface		linear		0.X		±0.5		Amphenol FCI		title		eHPCE STRADDLE MOUNT (UP+MP+S) - UNIVERSAL DRAWING		dwg no		10137755		rev		5	
				0.XX		±0.25															
				0.XXX		±0.13															
ISO 1302		angular		±2°				cat. no.		-		Product - Customer Drw		sheet 1 of 5							



RECOMMENDED HOST BOARD LAYOUT
TOLERANCE ± 0.05

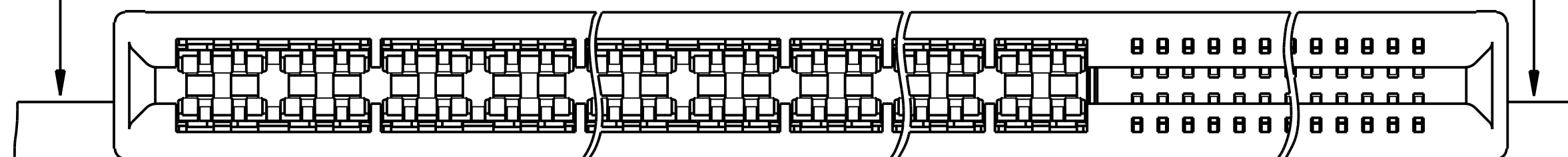


spec ref		-		dr	Andy Lu	2015-12-24	projection 	MM 	size	A2	scale	2:1				
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Andy Lu	2018-03-07			ecn no							
ISO 406				chr	Fancy Zhang	2018-03-07										
ISO 1101				appr	PM Zheng	2018-03-07			product family		-	In Work				
surface	✓	linear	0.X	±0.5	Amphenol FCi	title			eHPCE STRADDLE MOUNT (UP+MP+S) - UNIVERSAL DRAWING			dwg no	10137755		rev	5
			0.XX	±0.25												
			0.XXX	±0.13												
ISO 1302		angular	0°	±2°		cat. no.		-	Product - Customer Drw			sheet 2 of 5				



RECOMMENDED HOST BOARD LAYOUT
TOLERANCE ± 0.05
(FOR W/O MOUNTING EARS)

RECOMMENDED HOST BOARD LAYOUT AS VIEWED



spec ref -				dr Andy Lu		2015-12-24		projection		MM		size A2		scale 2:1	
tolerance std				eng Andy Lu		2018-03-07						ecn no -		rel level In Work	
ISO 406 ISO 1101				chr Fancy Zhang		2018-03-07									
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr PM Zheng		2018-03-07		product family		-					
surface			linear	0.X	±0.5	Amphenol FCi		title eHPCE STRADDLE MOUNT (UP+MP+S) - UNIVERSAL DRAWING		dwg no 10137755		rev 5			
				0.XX	±0.25										
				0.XXX	±0.13										
ISO 1302			angular	0°	±2°			cat. no. -		Product - Customer Drw		sheet 3 of 5			

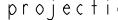
U

PADS OF GOLD FINGERS
SEE NOTE 11

1.57 ± 0.10
INCLUDES PAD
THICKNESS

$2 \times R0.500 \times 30.00^\circ$

RECOMMENDED MATING BOARD LAYOUT
TOLERANCE ± 0.05

spec ref		-		dr		Andy Lu		2015-12-24		projection				MM		size		A2		scale		1:1	
tolerance std				eng		Andy Lu		2018-03-07								ecn no						-	
ISO 406		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Fancy Zhang		2018-03-07															
ISO 1101				appr		PM Zheng		2018-03-07		product family		-		rel level		In Work							
surface		linear		0.X		±0.5		Amphenol FCI		Title		eHPCE STRADDLE MOUNT (UP+MP+S) - UNIVERSAL DRAWING		dwg no		10137755		rev		5			
✓		0.XX		±0.25																			
ISO 1302		0.XXX		±0.13																			
		angular		+2°						cat. no.		-		Product- Customer Drw		sheet 4 of 5							

A

B

C

D

E

F

A

B

C

D

E

F

10137755

MM

NN

PP

LF

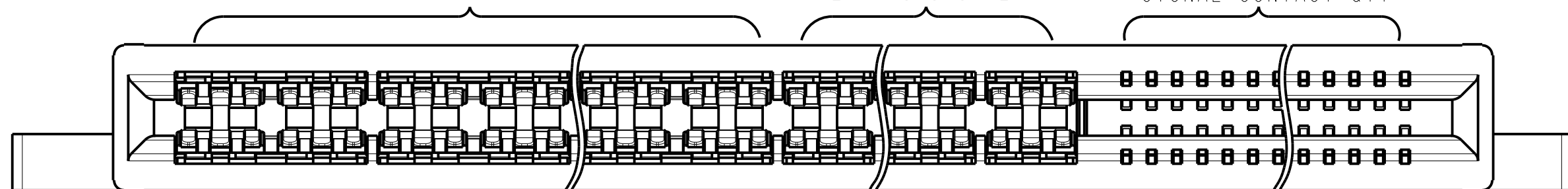
LEAD FREE

	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

ULTRA PWR CONTACT QTY
(NEXT TO LEFT END)

MIDDLE PWR CONTACT QTY
(NEXT TO SIGNAL)

SIGNAL CONTACT QTY



Example: The configuration above is 10137755-060624ALF
STRADDLE MOUNT WITH ENHANCED WALLS 6UP6MP24S WITH MOUNTING EARS,
POLARIZATION KEY AND ALIGNMENT KEY.

6UP means 6 pcs ultra power contacts with 6 beams; 24S means 24 pcs signal contacts;
6MP means 6 pcs middle power contacts with 3 beams.

TABLE: PART NUMBER CODE FOR eHPCE STRADDLE MOUNT WITH ENHANCED WALL UP+MP+S CONFIG

NOTES:

1. CONNECTOR MATERIALS:

HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK, LOW HALOGEN, UL 94V-0
CONTACTS: HIGH PERFORMANCE COPPER ALLOY.

2. CONTACT FINISH REF. SECTION 5.2 IN PRODUCT SPECIFICATION.

3. PRODUCT SPECIFICATION: GS-12-1362.

4. APPLICATION SPECIFICATION: GS-20-0469.

5. PRODUCT MARKING (PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.

6. PACKAGING MEETS SPECIFICATION GS-14-2532(POCKET TRAY).

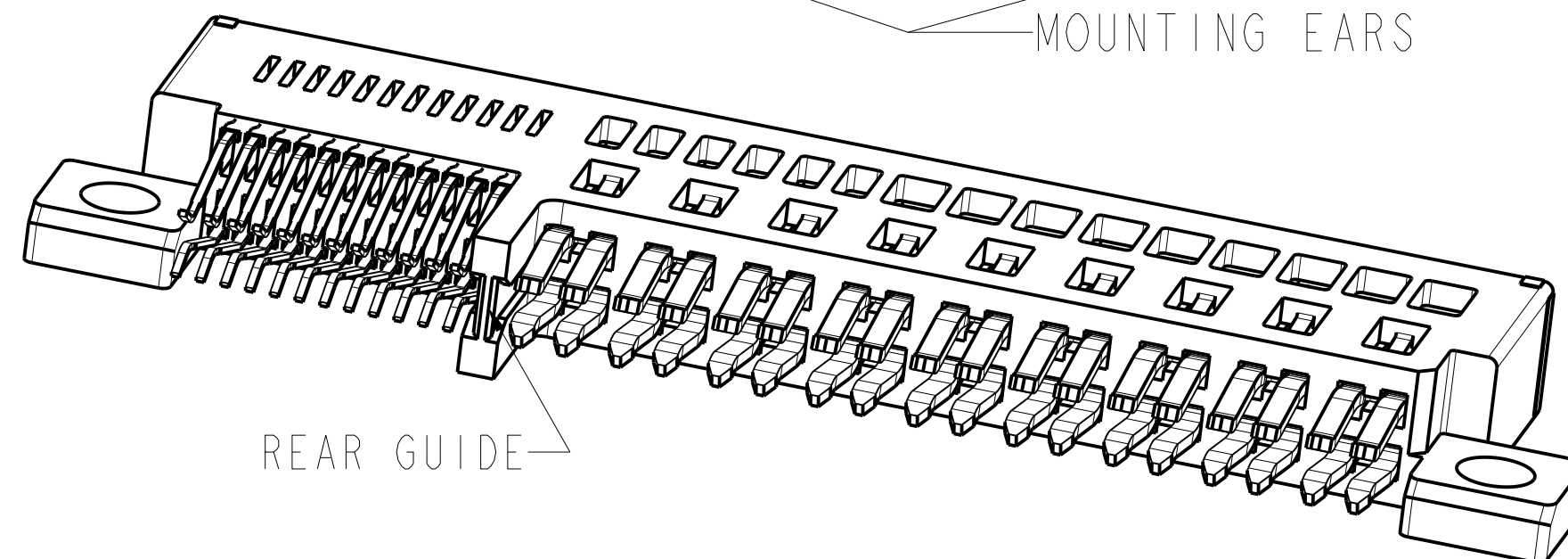
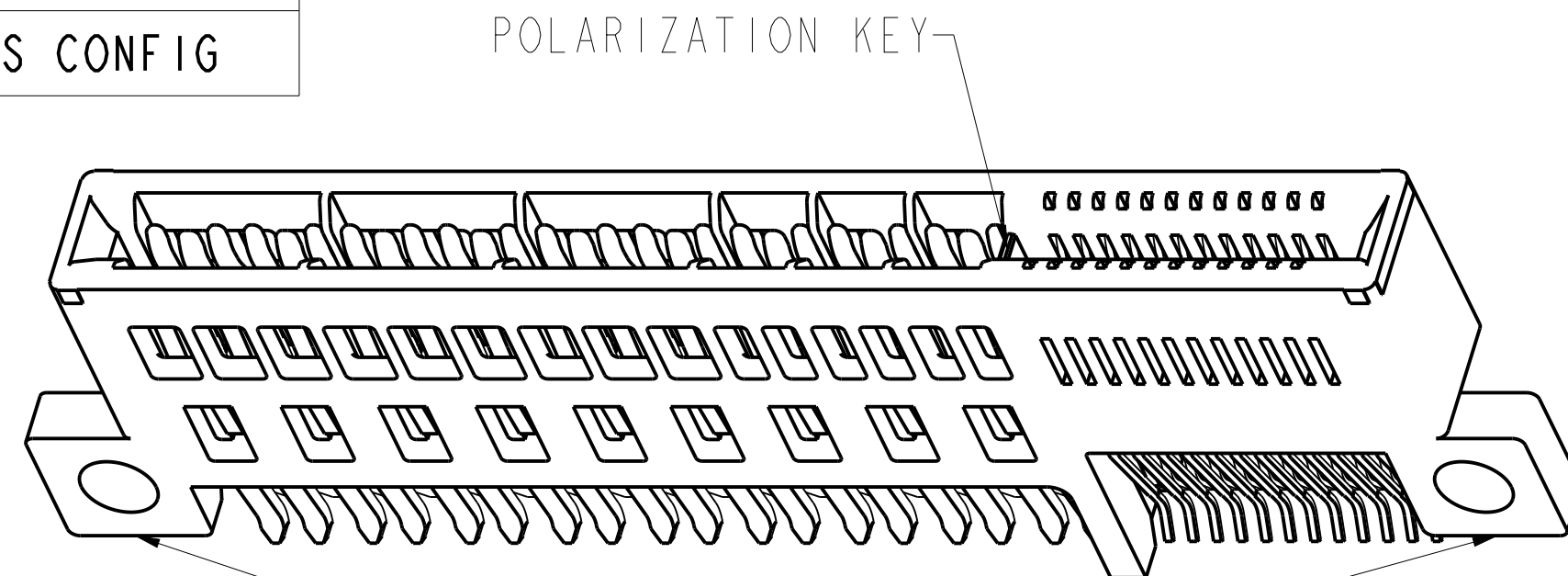
7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
FOR 10 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.

8. MAXIMUM OVERALL LENGTH IS 100mm.

9. DIM IS NOT APPLICABLE IF THERE ISN'T 3 BEAMS CONTACT.

10. THIS PRODUCT MEETS EUROPEAN UNION DERECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-47-0004.

11. PLATING OF PADS SHALL BE 30u" GOLD MINIMUM OVER 50u" NICKEL MINIMUM.
SURFACE MUST BE FREE OF FOREIGN MATTER.



DIM	TABLE 2. LENGTH FORMULAS
DIM A ⑧	$(MM/2)*10.16 + (NN/2) \times 5.08 + (PP/2) \times 1.27 + 17.20$
DIM B	DIM A - 13.08
DIM C	DIM A - 7.50
DIM D	DIM A - 8.98
DIM E ⑨	$(MM/2 - 1) \times 10.16 + (NN/2 - 1) \times 5.08 + 16.84$ (WITH UP CONTACT) $(NN/2 - 1) \times 5.08 + 6.68$ (WITHOUT UP CONTACT)
DIM F	DIM A - 13.38
DIM G ⑨	$(MM/2 - 1) \times 10.16 + (NN/2 - 1) \times 5.08 + 13.34$ (WITH UP CONTACT) $(NN/2 - 1) \times 5.08 + 3.18$ (WITHOUT UP CONTACT)

spec ref		-		dr		Andy Lu		2015-12-24		projection		MM		size		scale	
tolerance std		ISO 406		eng		Andy Lu		2018-03-07						A2		4:1	
ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Fancy Zhang		2018-03-07						ecn no			
				appr		PM Zheng		2018-03-07		product family		CARD EDGE		rel level		In Work	
surface		linear		0.X		±0.5		Amphenol FCI		eHPCE STRADDLE MOUNT		dwg no		10137755		rev	
				0.XX		±0.25											
				0.XXX		±0.13											
ISO 1302		angular		0°		±2°				(UP+MP+S) - UNIVERSAL DRAWING							
								cat. no.		-		Product - Customer Drw		sheet 5 of 5			