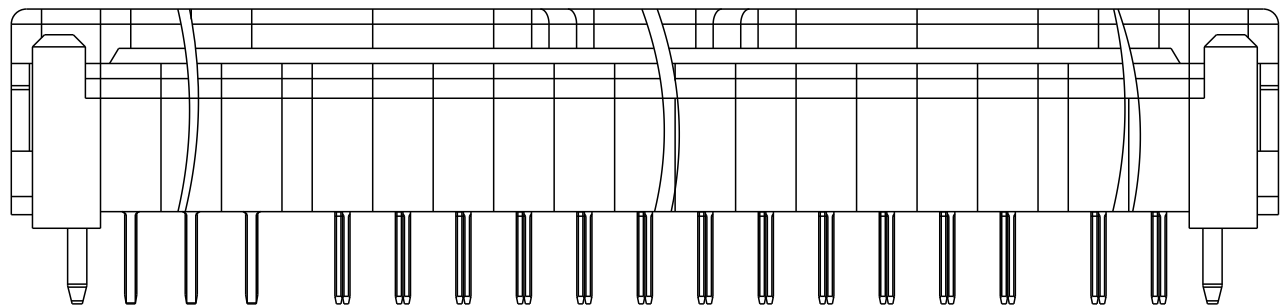
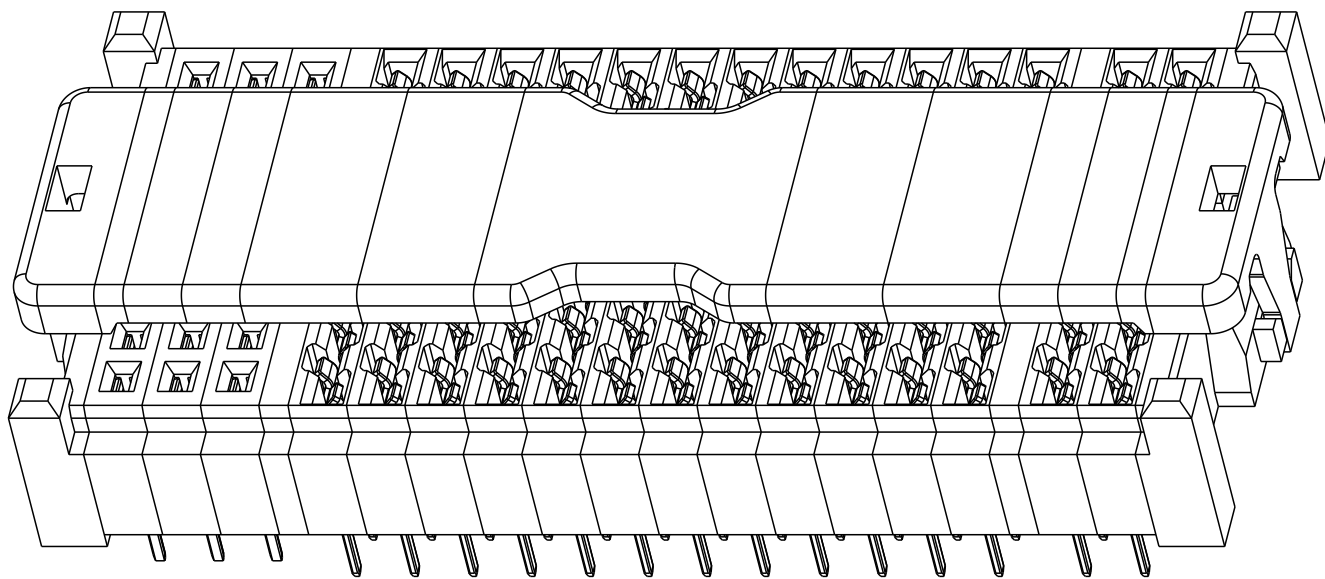
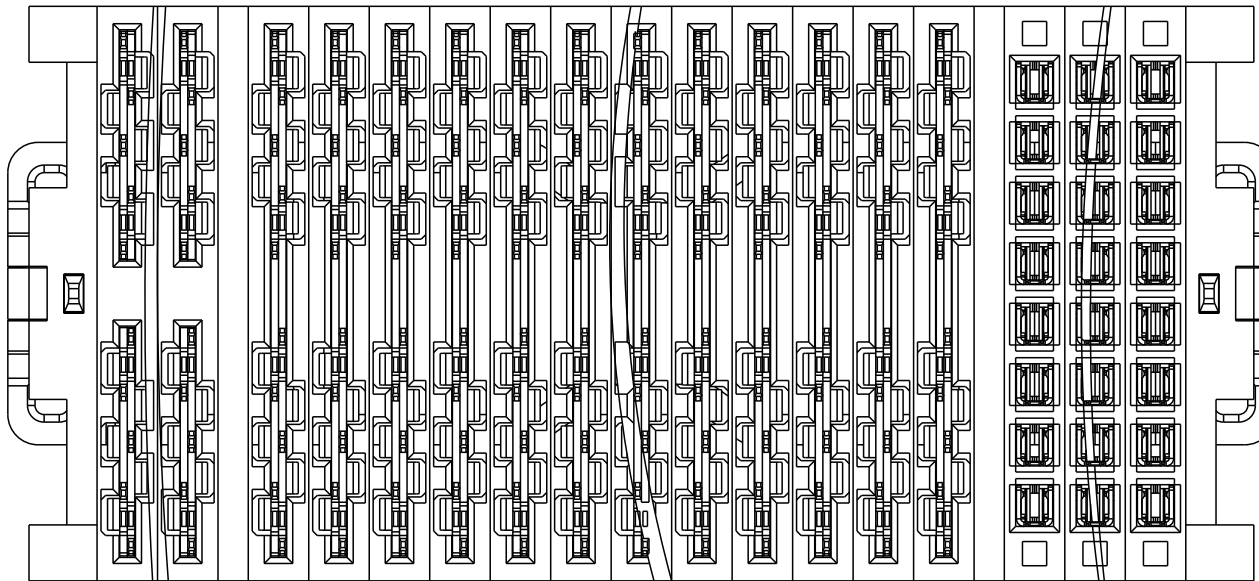
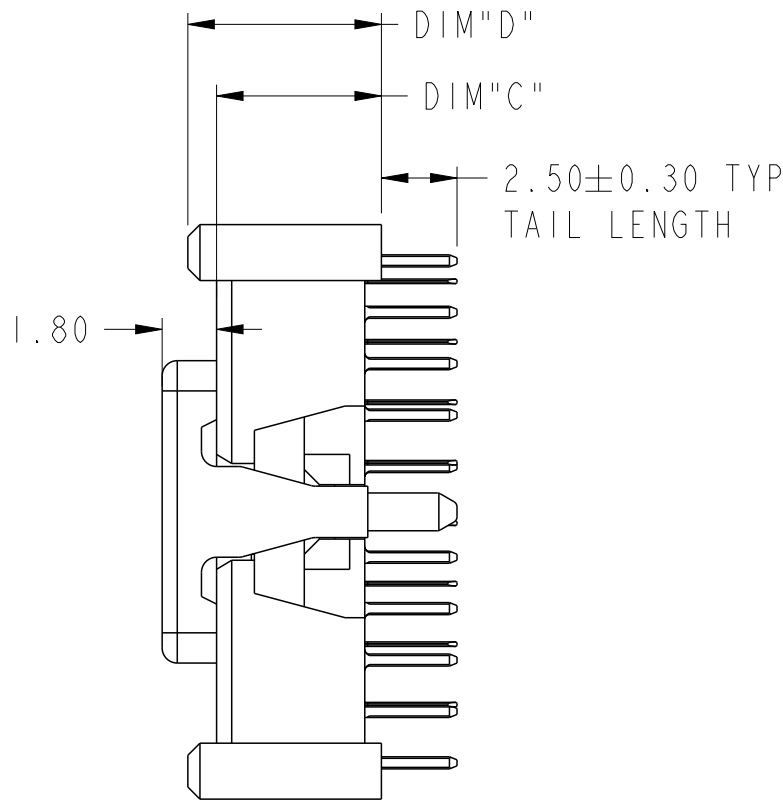
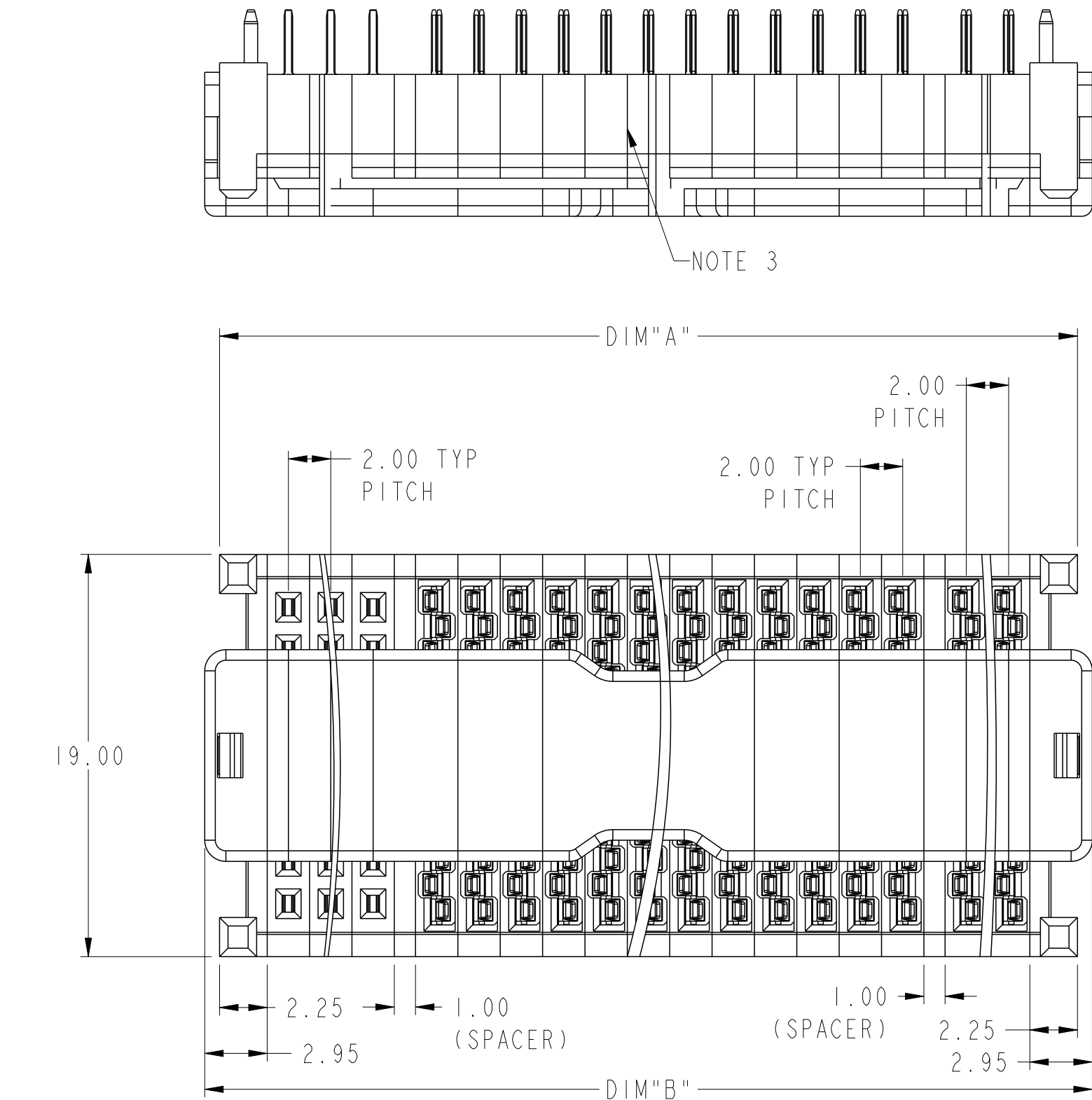
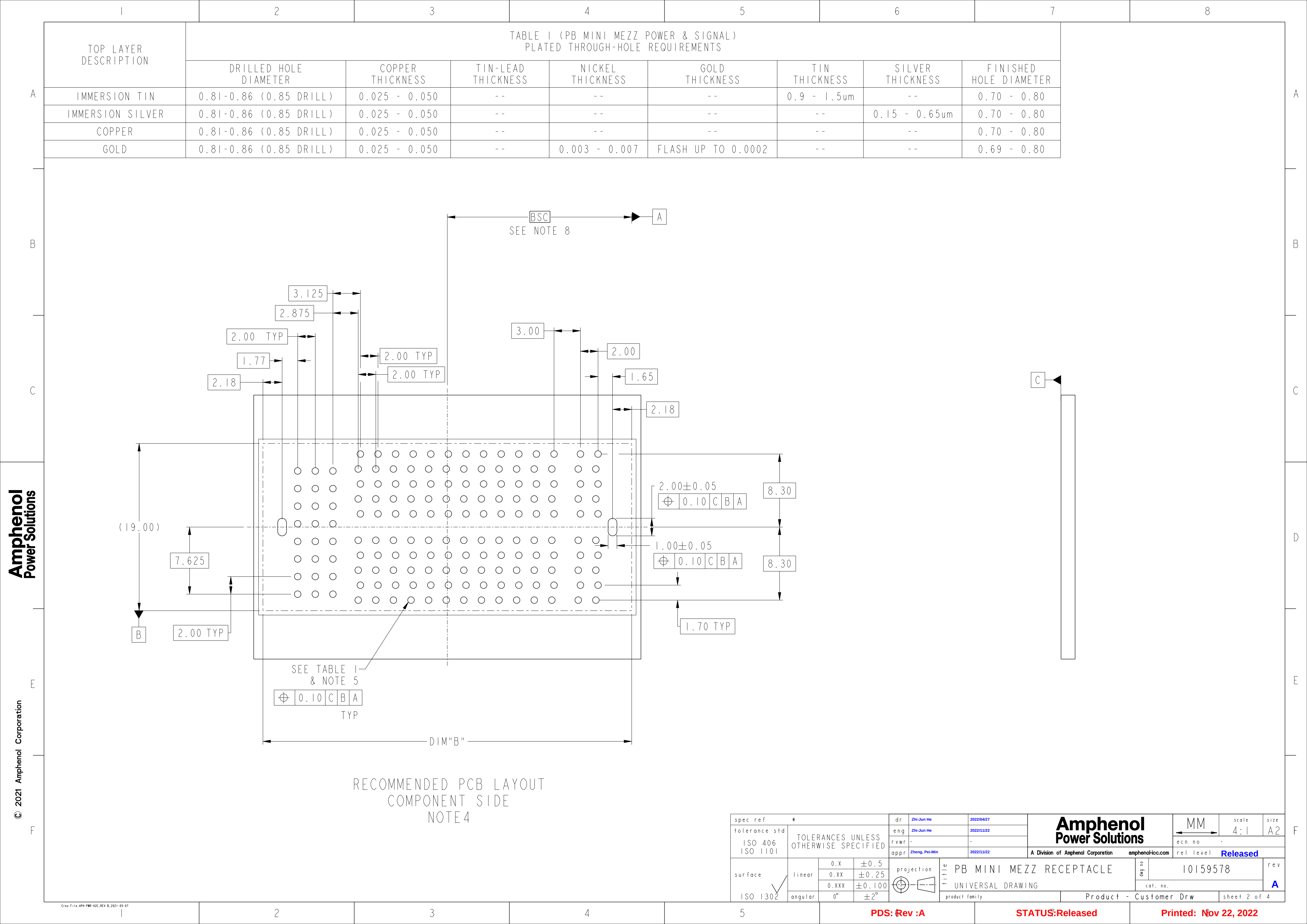
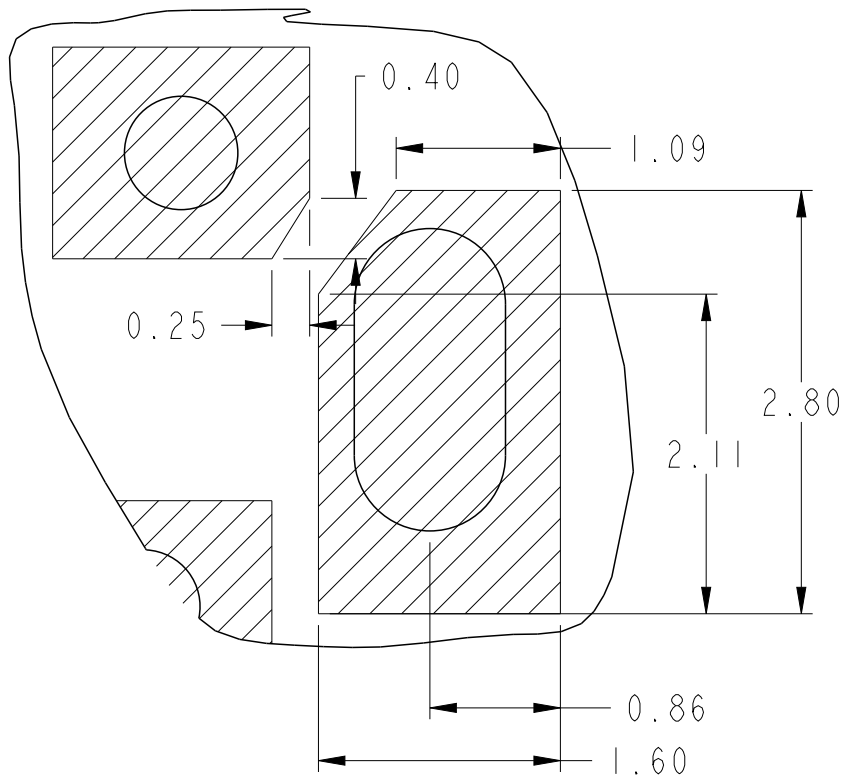




spec ref		#		dr		Zhi-Jun He		2022/04/27		Amphenol Power Solutions				MM		scale		size			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Zhi-Jun He		2022/11/22						ec n no		-		2:1		A2	
ISO 406 ISO 1101				r vwr		-		-						-		-		-		-	
				appr		Zheng, Pei-Min		2022/11/22		A Division of Amphenol Corporation				amphenolhcc.com		rel level		Released			
surface		linear		0.X		±0.5		projection		title		PB MINI MEZZ RECEPTACLE		diag no		10159578		rev			
				0.XX		±0.25															
				0.XXX		±0.100															
		ISO 1302		angular		0°		±2°				product family		-		Product - Customer Drw				sheet 1 of 4	
																		A			

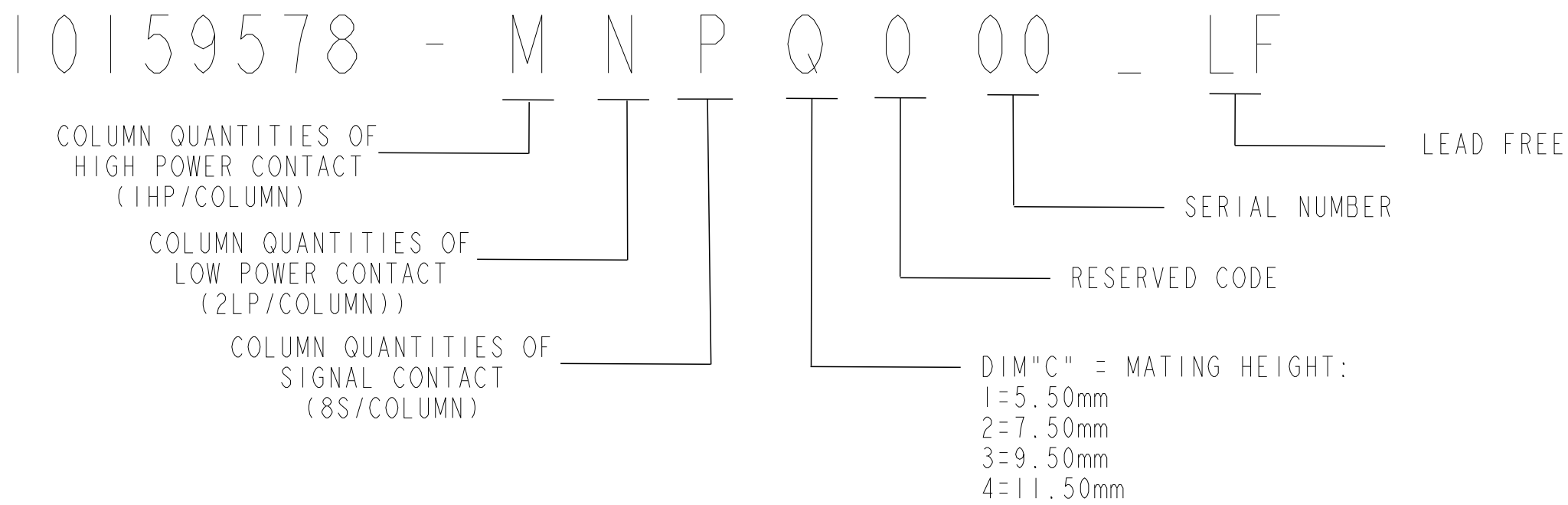
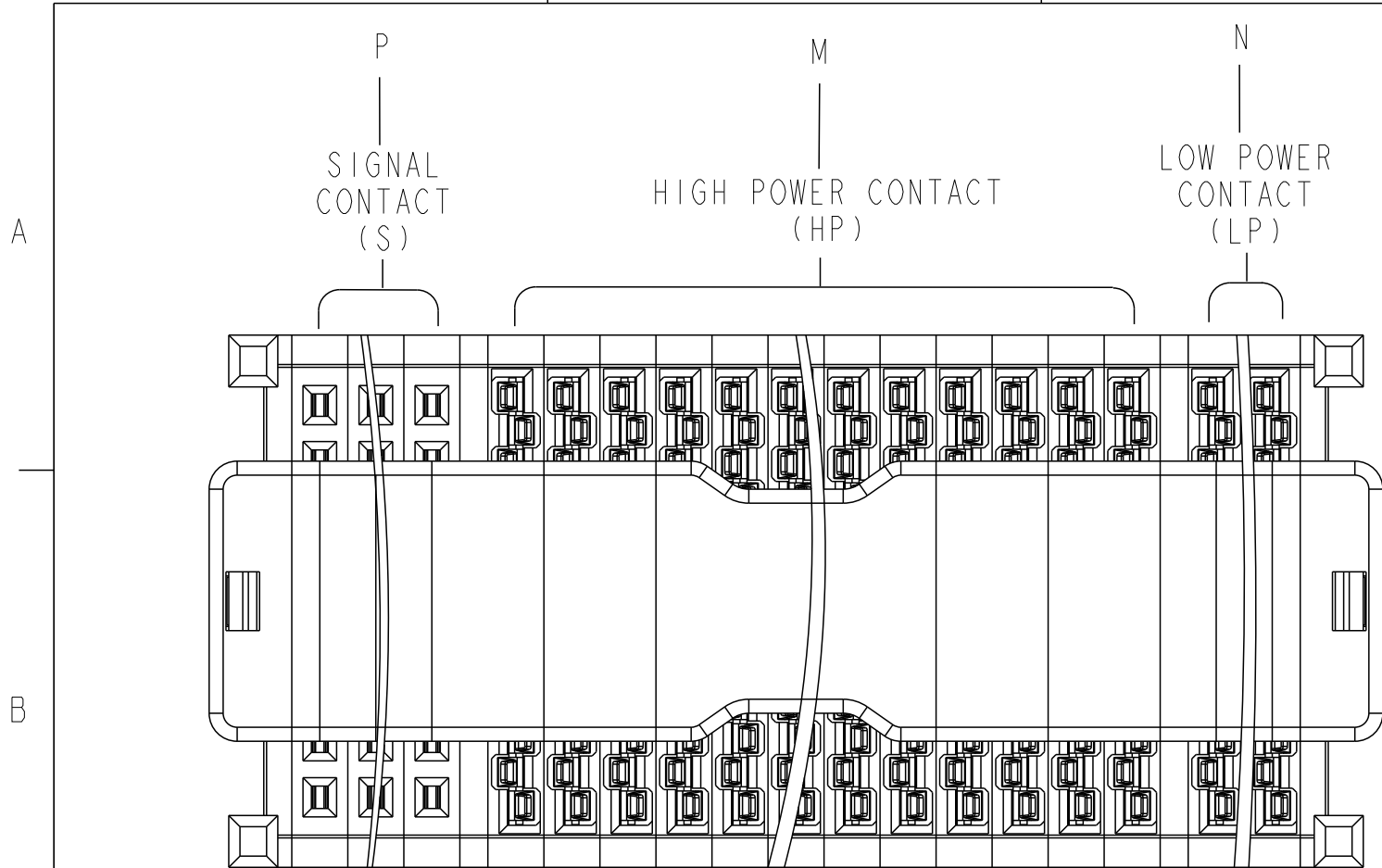


RECOMMENDED STENCIL LAYOUT FOR PIP
TOLERANCE : $\pm 0.05\text{MM}$
STENCIL THICKNESS : 0.25MM



DETAIL A
SCALE 20:1

spec ref		*		dr		Zhi-Jun He		2022/04/27		Amphenol Power Solutions			MM		scale		size				
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Zhi-Jun He		2022/11/22					2:1		A2						
ISO 406 ISO 1101				r v w r		-		-					ec n no		-						
				appr		Zheng, Pei-Min		2022/11/22		A Division of Amphenol Corporation			amphenol-hcc.com		rel level		Released				
surface		-		linear		0.X		±0.5		projection		title		PB MINI MEZZ RECEPTACLE		diag no		10159578		rev	
		0.XX		±0.25																	
		0.XXX		±0.100																	
ISO 1302		angular		0°		±2°						UNIVERSAL DRAWING		cat. no.		-		A			
										product family		-		Product - Customer Drw				sheet 3 of 4			



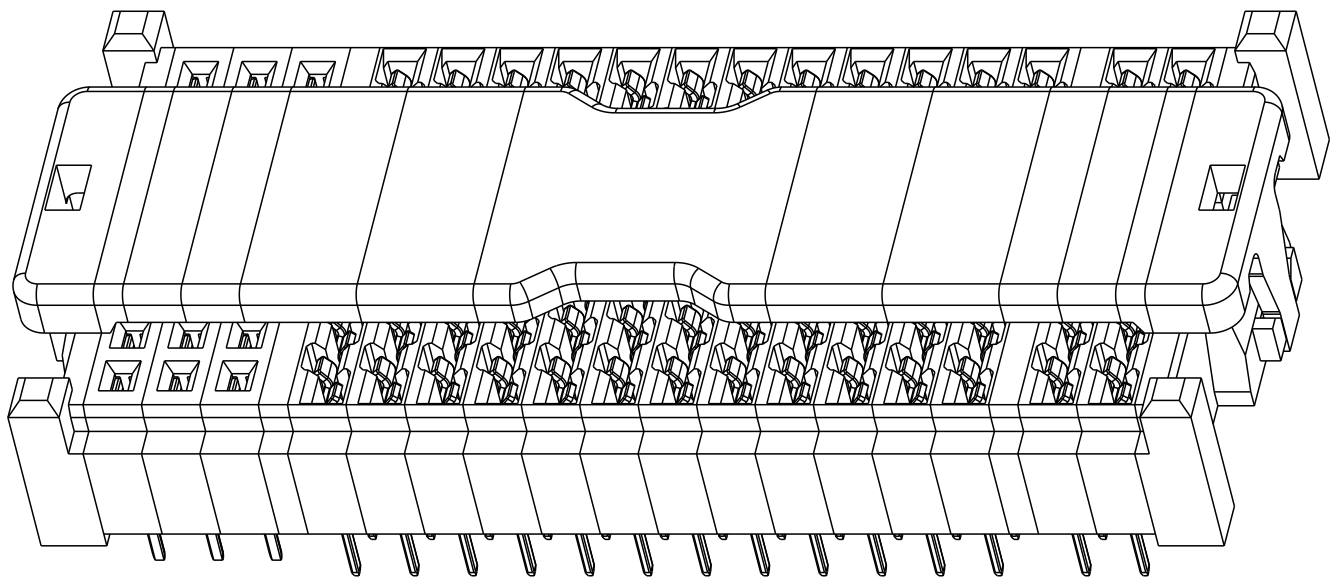
Example: The configuration above is 10159578-C231000LF
Std PB MINI MEZZ Vertical Receptacle 12HP4LP24S.
C is 12HP(12column*1HP), 2 is 4LP(2column*2LP),
3 is 24S(3column*8S), 1 is 5.50mm mating height.
M & N & P from 1.2.**.8.9.A.B.**.X.Y Etc.(Removed letter I.O.Q.Z)

DIM"A"	2.25 + 2*N + 1(SPACER) + 2*M + 1(SPACER) + 2*P + 2.25			
DIM"B"	2.95 + 2*N + 1(SPACER) + 2*M + 1(SPACER) + 2*P + 2.95			
DIM"C"	5.50	7.50	9.50	11.50
DIM"D"	6.40	9.25	11.25	13.25
SPACERS ARE USED WHEN TWO OR THREE DIFFERENT MODULES ARE CHOOSSED MODULE MEANS HP & LP & SIGNAL				

TABLE 3: PART NUMBER CODE. PB MINI MEZZ VERTICAL RECEPTACLE HP+LP+S CONFIG

NOTES:

- MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC WITH GLASS FIBER, UL94V-0, BLACK.
POWER CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
SIGNAL CONTACTS: COPPER ALLOY.
- CONTACT FINISH REFER SECTION 5.3 IN PRODUCT SPECIFICATION.
- PRODUCT MARK:
PART NUMBER AND DATE CODE TO BE MARKED ON THIS SURFACE.
THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.
- RECOMMEND PCB THICKNESS FOR PIP PROCESS : 1.60mm.
- ALL HOLE SIZES ARE FINISHED HOLE SIZES.
- DATUM AND BASIC DIMENSIONS ARE ESTABLISHED BY CUSTOMER.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
- PRODUCT SPECIFICATION: GS-12-1682.
APPLICATION SPECIFICATION: GS-20-0686.
PACKAGE SPECIFICATION: GS-14-2851.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.
- MAXIMUN OVERALL LENGTH IS 80 mm



spec ref		*	dr		Zhi-Jun He	2022/04/27	Amphenol Power Solutions		MM		scale	size			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng		Zhi-Jun He	2022/11/22			←		1:1	A2			
ISO 406			rvwr		-	ecn no			-						
ISO 1101			appr		Zheng, Pei-Min	2022/11/22			A Division of Amphenol Corporation		amphenol-hcc.com	rel level	Released		
surface		linear	0.X		±0.5		projection	title		PB MINI MEZZ RECEPTACLE		diag no	10159578		rev
ISO 1302			0.XX		±0.25										
			0.XXX		±0.100										
		angular	0°		±2°				cat. no.				A		
					product family			Product - Customer Drw					sheet 4 of 4		