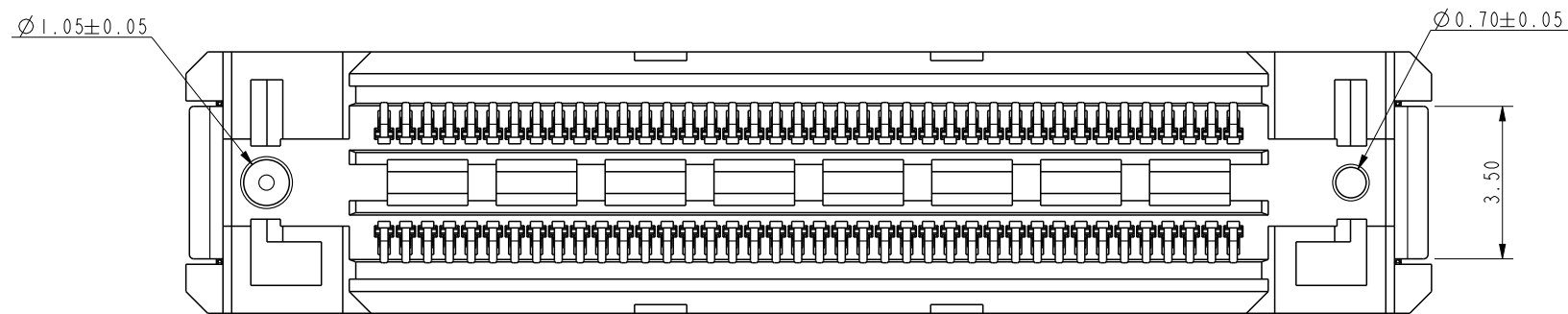
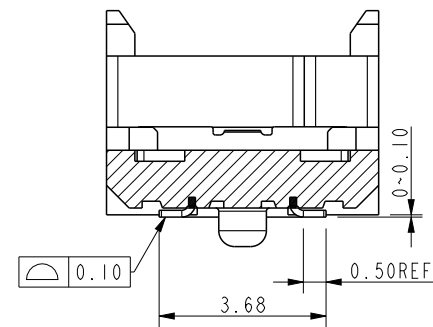
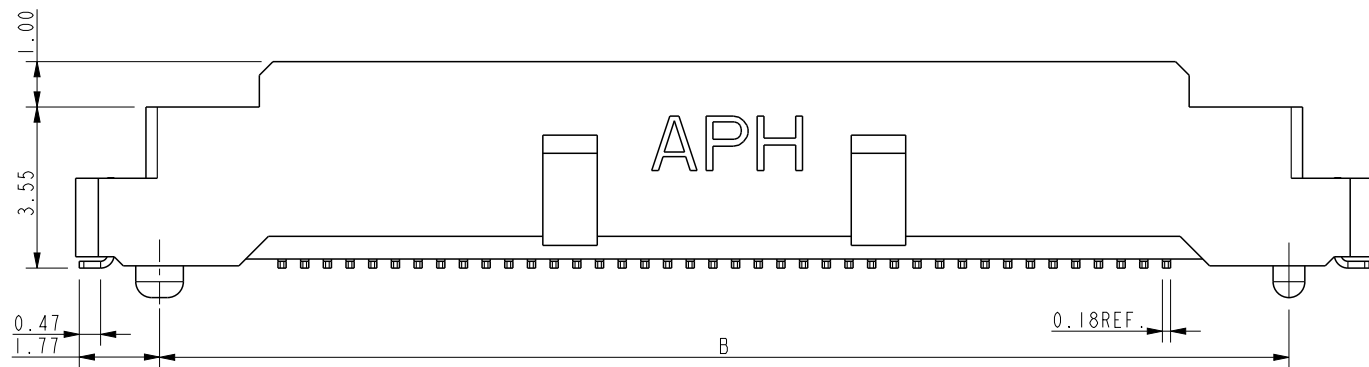
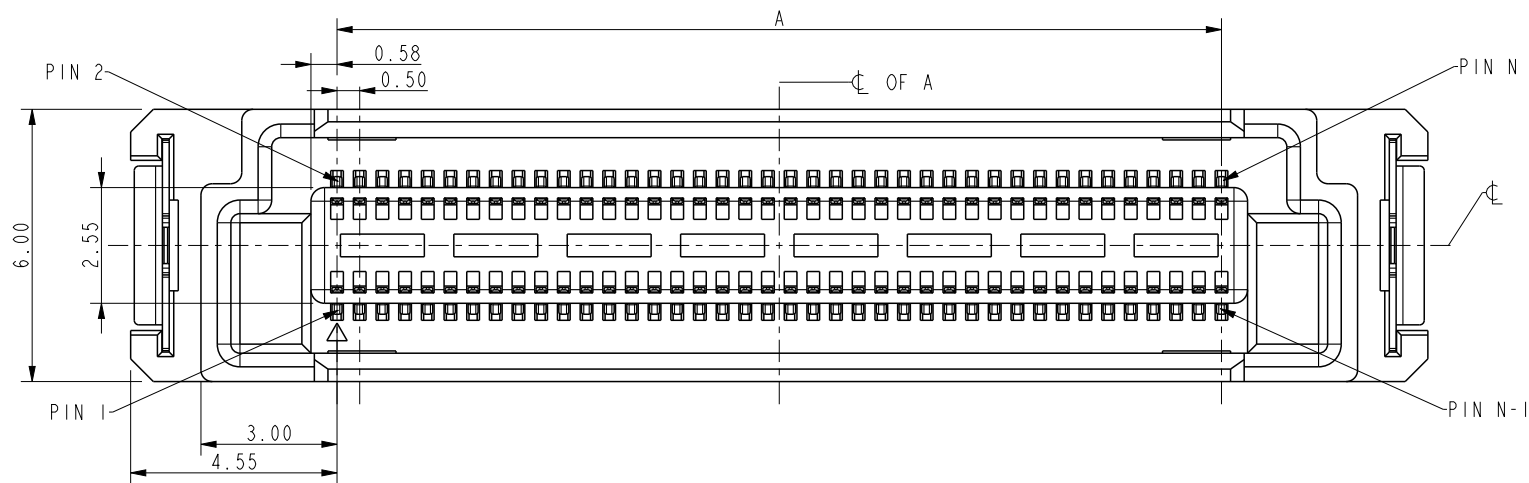
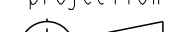
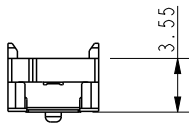
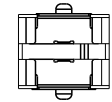




P/N	POSITION	A	B
10189889-21X0000LF	20	4.50	9.90
10189889-31X0000LF	30	7.00	12.40
10189889-41X0000LF	40	9.50	14.90
10189889-51X0000LF	50	12.00	17.40
10189889-61X0000LF	60	14.50	19.90
10189889-71X0000LF	70	17.00	22.40
10189889-81X0000LF	80	19.50	24.90
10189889-91X0000LF	90	22.00	27.40
10189889-A1X0000LF	100	24.50	29.90
10189889-B1X0000LF	110	27.00	32.40
10189889-C1X0000LF	120	29.50	34.90

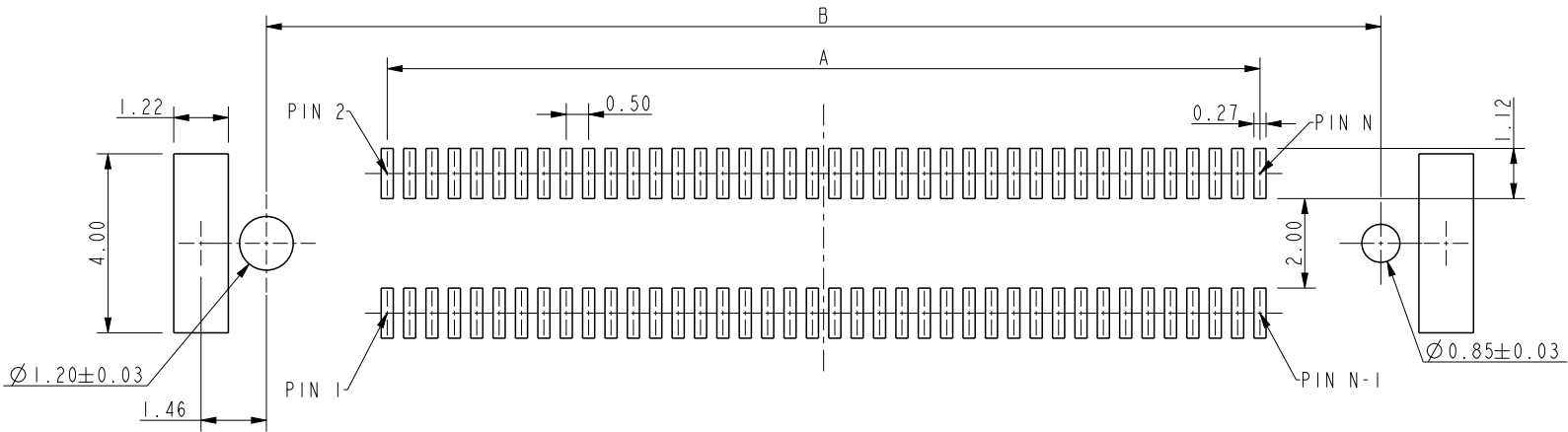
spec ref				dr	Sanford Lu	2025/10/24			size	A3	scale	1:1					
tolerance std				eng	Sanford Lu	2025/10/27			ecn no								
ISO 406				chr	-	-			rel level								
ISO 1101				appr	Tim Yao	2025/10/27			Released								
TOLERANCES UNLESS OTHERWISE SPECIFIED				product family													
surface				linear	0.X	±0.30	Amphenol FCI	title	FUTUREHSTAK 0.5MM				dwg no	10189889		rev	A
ISO 1302									RECEPTACLE								
angular									cat. no.					Product - Customer Drw			

	COMBINATION OF MATED HEIGHT	10189889
		 RECEPTACLE
10189888	 HEADER	

PART NUMBER SCHEME:
10189889-X 1 X 0000LF

X	POSITION
2	20
3	30
4	40
5	50
6	60
7	70
8	80
9	90
A	100
B	110
C	120

X	PLATING: CONTACT AREA
1	GOLD 0.05um MIN
2	GOLD OR GXT 0.2um MIN
3	GOLD OR GXT 0.375um MIN
4	GOLD OR GXT 0.75um MIN



RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05 UNLESS SPECIFIED

- NOTES:
- 1. MATERIAL:
 - 1.1 HOUSING: THERMOPLASTIC, BLACK, UL94-V0;
 - 1.2 TERMINAL: COPPER ALLOY;
 - 1.3 HOLD DOWN: COPPER ALLOY;
 - 2. PLATING:
 - 2.1 UNDER PLATING: 1-3um NI UNDER PLATING;
 - 2.2 CONTACT AREA: ACCORDING TO PART NUMBER;
 - 2.3 SOLDER TAIL:
 - 2.3.1 TERMINAL: 0.05um GOLD ON SOLDER TAIL;
 - 2.3.2 HOLD DOWN: TIN PLATING;
 - 3. PRODUCT SPEC GS-12-1727;
 - 4. APPLICATION SPEC: GS-20-0750;
 - 6. THIS HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A IR REFLOW SOLDERING APPLICATION.
 - 7. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.

spec ref				dr		Sanford Lu		2025/10/24		projection		MM		size		A3		scale		1:1													
tolerance ref std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Sanford Lu		2025/10/27						ecn no																	
ISO 406						chr		-		-																							
ISO 1101						appr		Tim Yao				2025/10/27		product family		-		rel level: Released															
surface 		linear		0.X		±0.30		Amphenol FCI		title		FUTUREHSTAK 0.5MM RECEPTACLE						dwg no		10189889						rev		A					
																														0.XX		±0.20	
																														0.XXX		±0.10	
ISO 1302		angular		0°		±°				cat. no.		-		Product - Customer Drw						sheet 2 of 2													