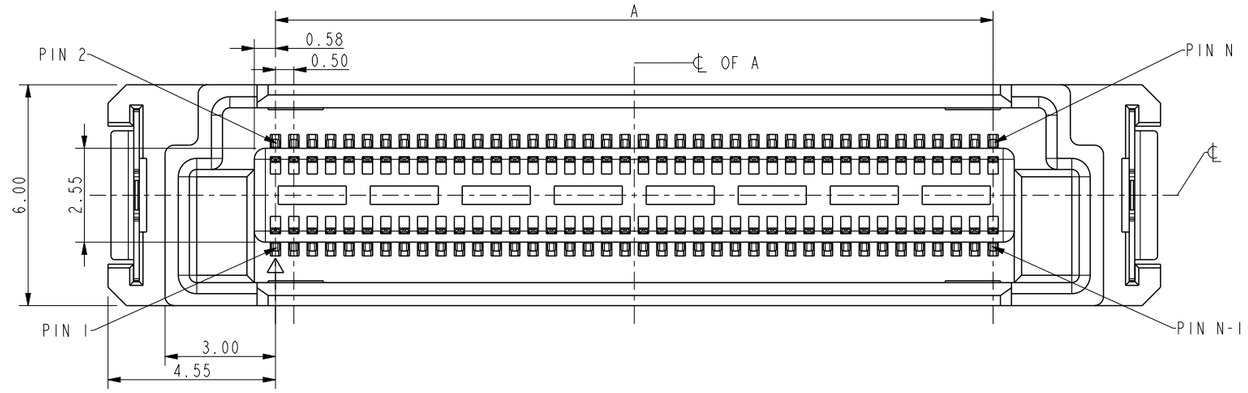
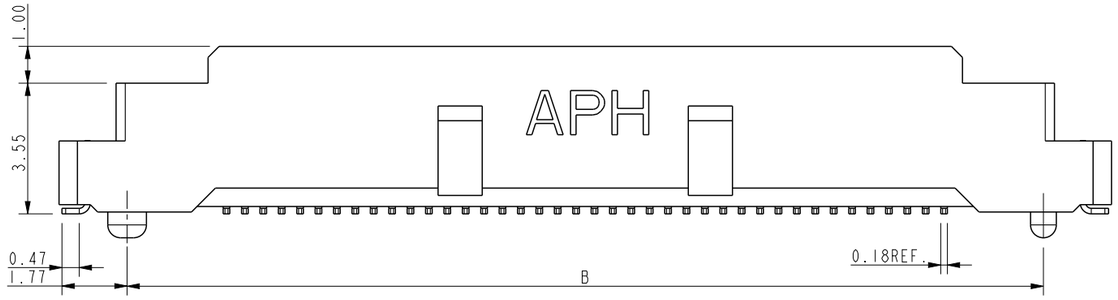
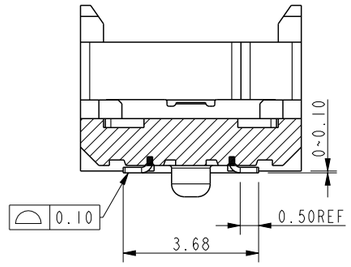
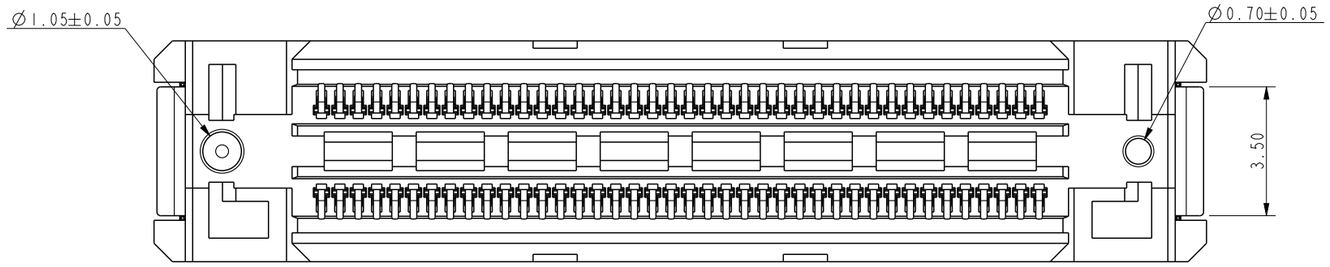








P/N	POSITION	A	B
10189889-21X0000LF	20	4.50	9.90
10189889-31X0000LF	30	7.00	12.40
10189889-41X0000LF	40	9.50	14.90
10189889-51X0000LF	50	12.00	17.40
10189889-61X0000LF	60	14.50	19.90
10189889-71X0000LF	70	17.00	22.40
10189889-81X0000LF	80	19.50	24.90
10189889-91X0000LF	90	22.00	27.40
10189889-A1X0000LF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

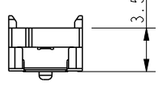
spec ref				dr	Sanford Lu	2025/10/24	projection	MM	size A3	scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sanford Lu	2025/10/27			ecn no	
				chr	-	-			rel level:	Released
				appr	Tim Yao	2025/10/27	product family			
surface ISO 1302	linear	0.X	±0.30	Amphenol FCi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

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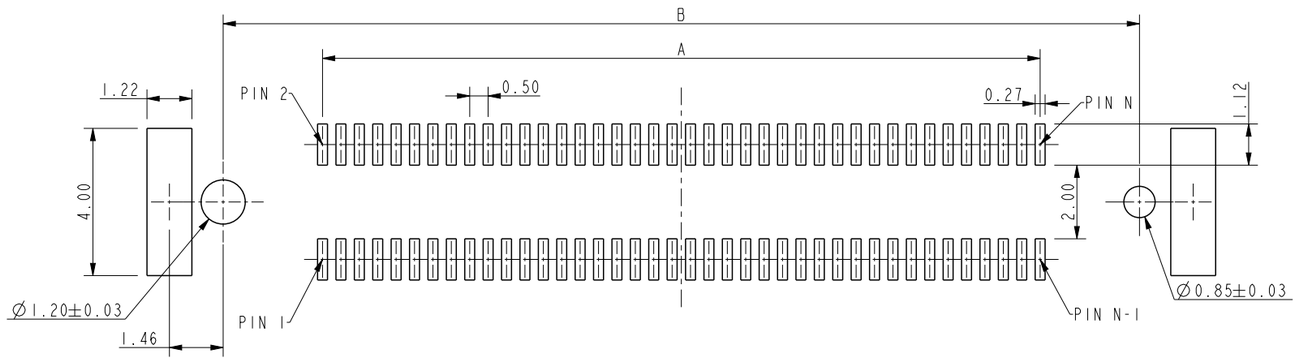
	COMBINATION OF MATED HEIGHT	10189889
		 RECEPTACLE
10189888	 HEADER	

PART NUMBER SCHEME:

10189889-X I 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:1-3μm 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 HOUSIONG 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
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sanford Lu	2025/10/27		
			chr	-	-		
			appr	Tim Yao	2025/10/27	product family -	
surface - ISO 1302	linear	0.X ±0.30	Amphenol FCi	title	FUTUREHSTAK 0.5MM RECEPTACLE	dwg no	10189889
		0.XX ±0.20					
		0.XXX ±0.10					
	angular	0° ±°		cat. no. -	Product - Customer Drw		

size	scale	rev
A3	1:1	A

ecn no

rel level: **Released**

sheet 2 of 2

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Creo File:ELX-WC-A3C,REV F,2020-12-21

PDS: Rev :A

STATUS:Released

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