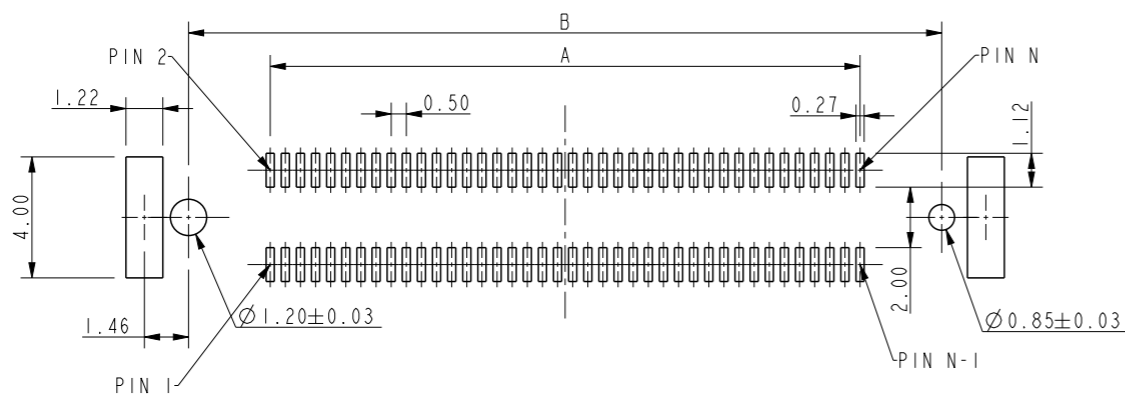
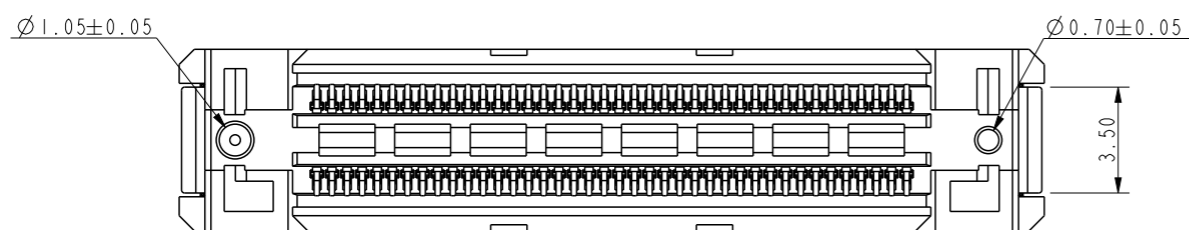


PEG AND HOLD DOWN ARE OPTIONAL



RECOMMENDED PCB LAYOUT
TOLERANCE ± 0.05 UNLESS SPECIFIED

NOTE:

1. MATERIAL:
 - 1.1 HOUSING: HIGH TEMPERATURE RESIN, BLACK, UL94V-0;
 - 1.2 TERMINAL: COPPER ALLOY;
 - 1.3 HOLD DOWN: COPPER ALLOY;
2. PLATING:
 - 2.1 TERMINA: NICKEL UNDERPLATE OVERALL 1.27um MIN
SEE SHEET 2 PLATING OPTION.
 - 2.2 HOLD DOWN: NI UNDER PLATING, ALL OVER MATTE TIN
3. SEE GS-12-1727 FOR PRODUCT SPEC.
4. THE HOUSING WILL WITHSTAND EXPOSURE UP TO 260~ PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
5. ALL SOLDER TAIL OF COMPLANARITY: 0.1MM MAX

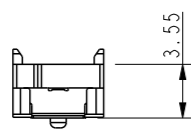
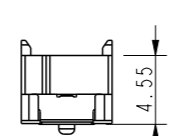
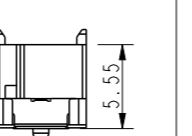
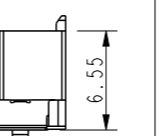
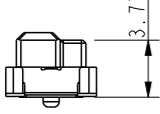
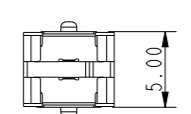
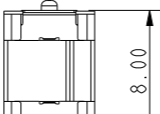
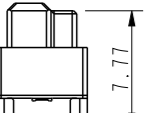
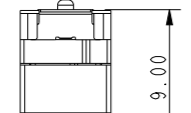
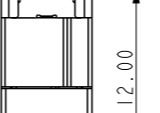


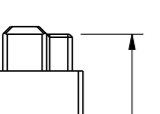
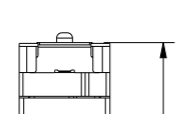
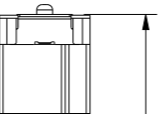
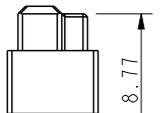
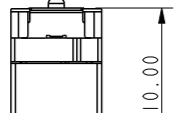
RECEPTACLE TYPE	P/N	C
RECEPTACLE 1	10163419-XX1XXXXLF	3.55
RECEPTACLE 2	10163419-XX3XXXXLF	4.55
RECEPTACLE 3	10163419-XX3XXXXLF	5.55
RECEPTACLE 4	10163419-XX4XXXXLF	6.55

P/N	PIN No.	A	B
10163419-02XXXXXLF	2 X 10	4.50	9.90
10163419-03XXXXXLF	2 X 15	7.00	12.40
10163419-04XXXXXLF	2 X 20	9.50	14.90
10163419-05XXXXXLF	2 X 25	12.00	17.40
10163419-06XXXXXLF	2 X 30	14.50	19.90
10163419-07XXXXXLF	2 X 35	17.00	22.40
10163419-08XXXXXLF	2 X 40	19.50	24.90
10163419-09XXXXXLF	2 X 45	22.00	27.40
10163419-10XXXXXLF	2 X 50	24.50	29.90
10163419-0AXXXXXLF	2 X 55	27.00	32.40
10163419-0BXXXXXLF	2 X 60	29.50	34.90

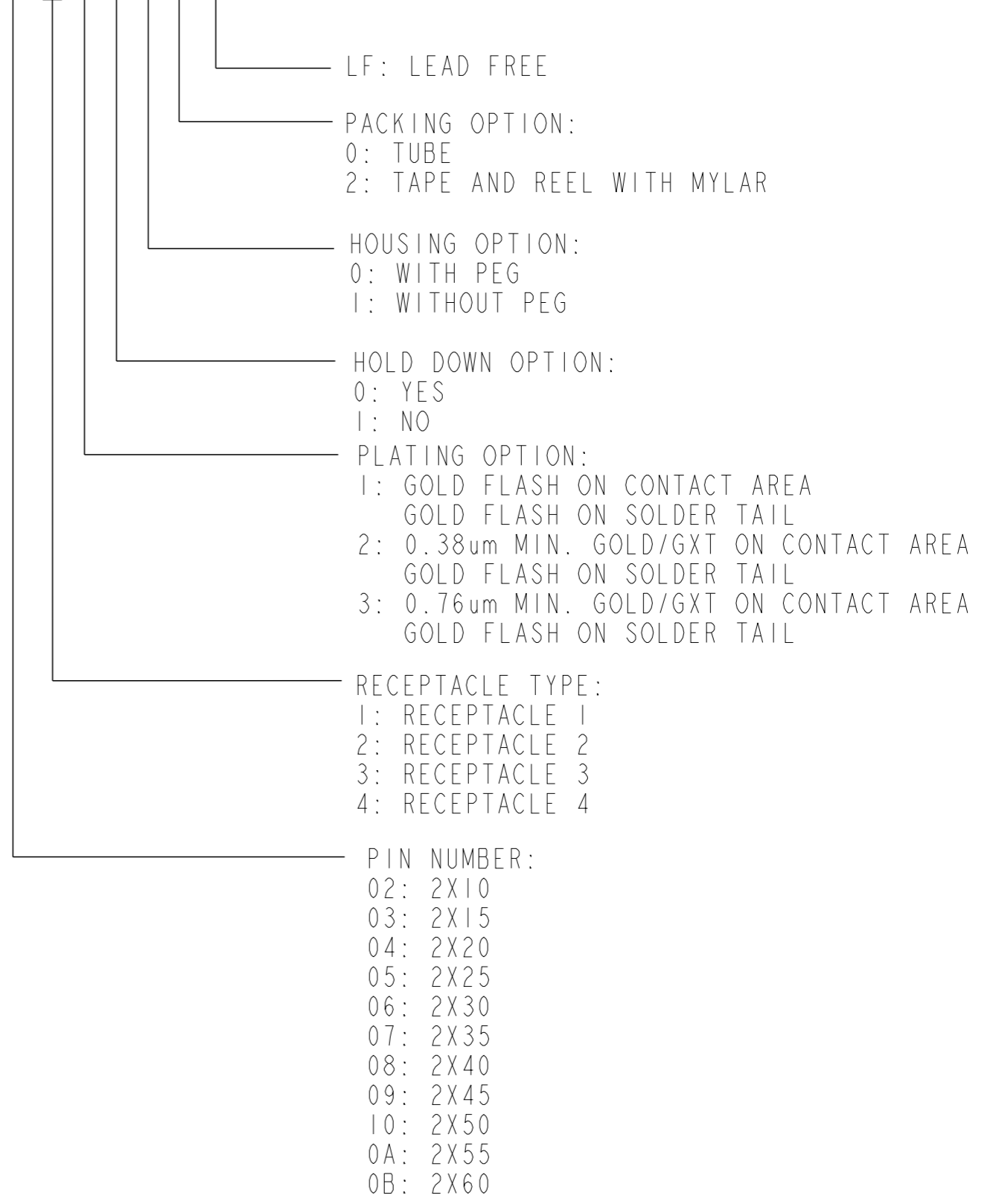
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tolerance std	eng	Sanford Lu	2025/02/11			ecn no	ELX-N-51088-1	rel level	Released
ISO 406 ISO 1101	chr	-	-						
surface	linear	0.X	± 0.30		BERGSTAK 0.5MM HS RECEPTACLE	dwg no	10163419	rev	D
		0.XX	± 0.20						
ISO 1302	angular	0°	\pm	cat. no.	Product - Customer Drw	sheet 1 of 2			

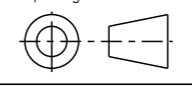
Amphenol FCI

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		10163419					
COMBINATION OF MATED HEIGHT							
		RECEPTACLE 1	RECEPTACLE 2	RECEPTACLE 3	RECEPTACLE 4		
	HEADER 1			6mm Stack Height	7mm Stack Height		
	HEADER 2			10mm Stack Height	11mm Stack Height		
	HEADER 3			13mm Stack Height	14mm Stack Height	15mm Stack Height	16mm Stack Height
	HEADER 4			18mm Stack Height	19mm Stack Height		
HEADER 6			/	/	/		

10163419- XX X X X X X LF



spec ref	dr	Yuan-Yuan Bao	2022/03/22	projection	MM	size	A3	scale	1:1	
tolerance std	eng	Sanford Lu	2025/02/11		← →	ecn no	ELX-N-51088-1			
ISO 406 ISO 1101	chr	-	-				rel level	Released		
surface	appr	Tim Yao	2025/02/24	product family	-	rel level	Released			
ISO 1302	linear	0.X	±0.30	Amphenol FCi	BERGSTAK 0.5MM HS RECEPTACLE	dwg no	10163419			
		0.XX	±0.20				cat. no.	-	Product - Customer Drw	sheet 2 of 2
	angular	0°	±°							