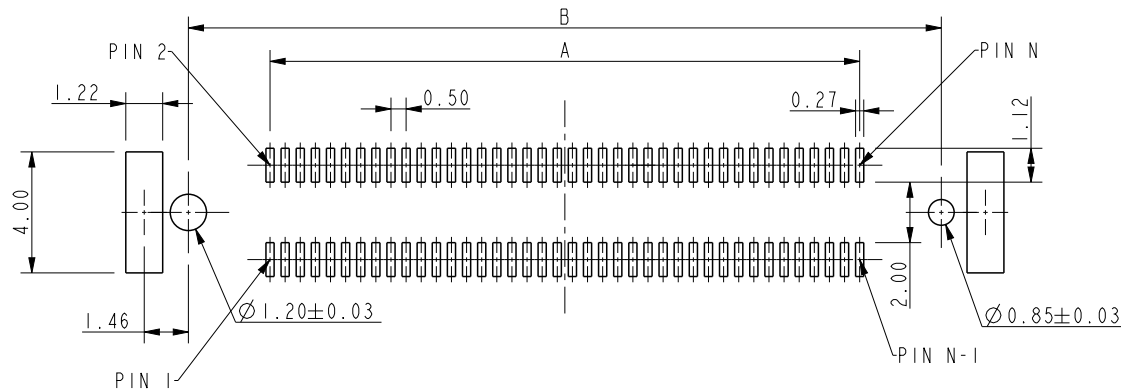
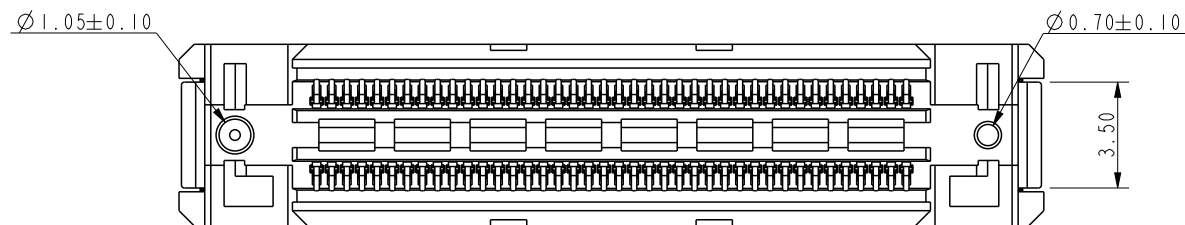
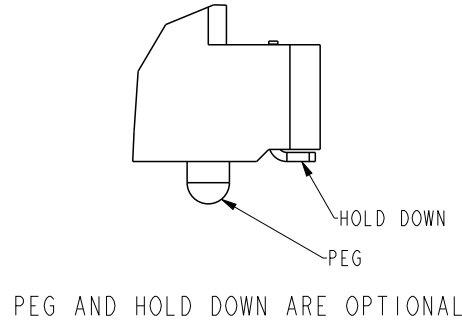
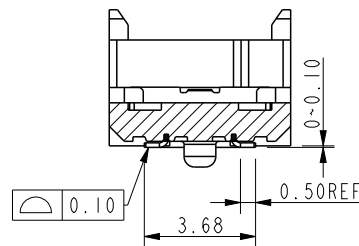
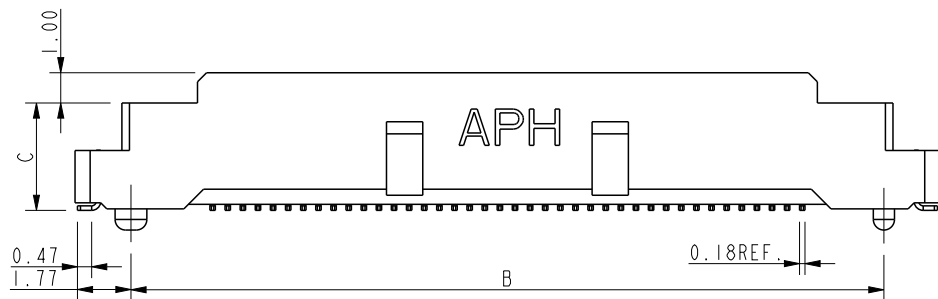
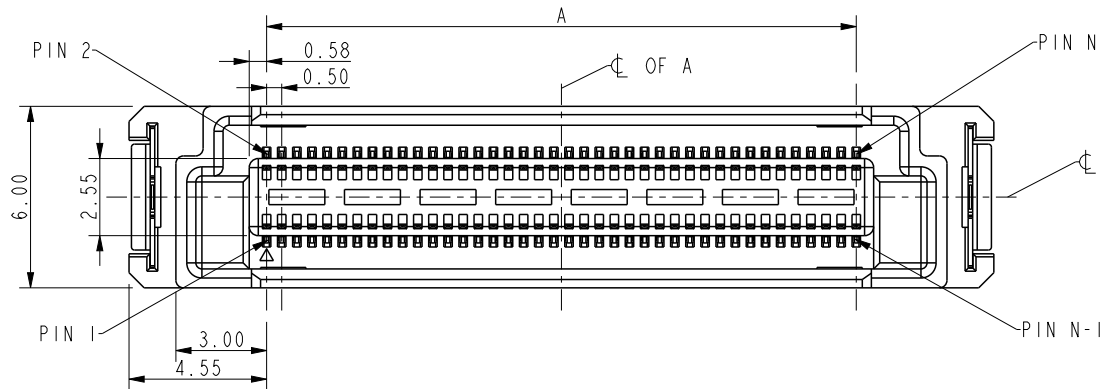




RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05 UNLESS SPECIFIED

- NOTE:
- MATERIAL:
 - HOUSING: HIGH TEMPERATURE RESIN,BLACK, UL94V-0;
 - TERMINAL: COPPER ALLOY;
 - HOLD DOWN: COPPER ALLOY;
 - PLATING:
 - TERMINA: NICKEL UNDERPLATE OVERALL 1.27um MIN
SEE SHEET 2 PLATING OPTION.
 - HOLD DOWN: NI UNDER PLATING,ALL OVER MATTE TIN
 - SEE GS-12-1479 FOR PRODUCT SPEC.
 - THE HOUSING WILL WITHSTAND EXPOSURE UP TO 260~ PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
 - ALL SOLDER TAIL OF COMPLANARITY: 0.1MM MAX

RECEPTACLE TYPE	P/N	C
RECEPTACLE 1	10163419-XX1XXXXLF	3.55
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

spec ref	dr	Yuan-Yuan Bao	2022/03/22	projection	MM	size	A3	scale	1:1
tolerance std	eng	Sanford Lu	2024/03/28	chr	-	ecn no	ELX-N-50292-1	rel level	Released
ISO 406	appr	Tim Yao	2024/03/28	product family	BERGSTAK 0.5MM HS	dwg no	10163419	rev	C
ISO 1101					RECEPTACLE				
surface	linear	0.X	±0.30						
		0.XX	±0.20						
		0.XXX	±0.10						
ISO 1302	angular	0°	±°						

A

B

C

D

10163418

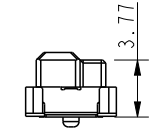
COMBINATION
OF
MATED HEIGHT

RECEPTACLE 1

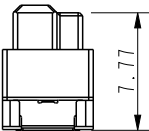
RECEPTACLE 2

RECEPTACLE 3

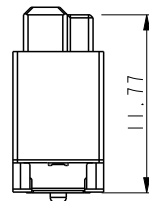
RECEPTACLE 4



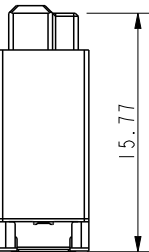
HEADER 1



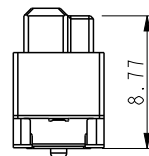
HEADER 2



HEADER 3



HEADER 4



HEADER 6

5mm Stack Height

6mm Stack Height

7mm Stack Height

8mm Stack Height

9mm Stack Height

10mm Stack Height

11mm Stack Height

13mm Stack Height

14mm Stack Height

15mm Stack Height

16mm Stack Height

17mm Stack Height

18mm Stack Height

19mm Stack Height

20mm Stack Height

/

/

/

10163419

10163419- XX X X X X X LF

LF: LEAD FREE

PACKING OPTION:

0: TUBE

2: TAPE AND REEL WITH MYLAR

3: TAPE AND REEL WITHOUT MYLAR

HOUSING OPTION:

0: WITH PEG

1: WITHOUT PEG

HOLD DOWN OPTION:

0: YES

1: NO

PLATING OPTION:

1: GOLD FLASH ON CONTACT AREA

GOLD FLASH ON SOLDER TAIL

2: 0.38um MIN. GOLD/GXT ON CONTACT AREA

GOLD FLASH ON SOLDER TAIL

3: 0.76um MIN. GOLD/GXT ON CONTACT AREA

GOLD FLASH ON SOLDER TAIL

RECEPTACLE TYPE:

1: RECEPTACLE 1

4: RECEPTACLE 4

PIN NUMBER:

02: 2X10

03: 2X15

04: 2X20

05: 2X25

06: 2X30

07: 2X35

08: 2X40

09: 2X45

10: 2X50

0A: 2X55

0B: 2X60

spec ref				dr	Yuan-Yuan Bao	2022/03/22			size	A3	scale	1:1		
tolerance std				eng	Sanford Lu	2024/03/28			ecn no				ELX-N-50292-1	
ISO 406 ISO 1101				chr	-	-			rel level				Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr	Tim Yao	2024/03/28			product family				-	
surface  ISO 1302	linear	0.X	±0.30	Amphenol FCi	title	BERGSTAK 0.5MM HS RECEPTACLE				dwg no	10163419		rev	C
		0.XX	±0.20											
		0.XXX	±0.10											
	angular	0°	±°	cat. no.	-	Product - Customer Drw				sheet 2 of 2				