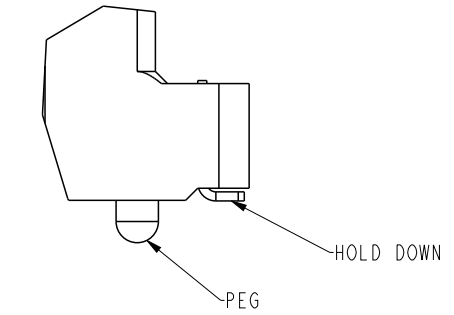


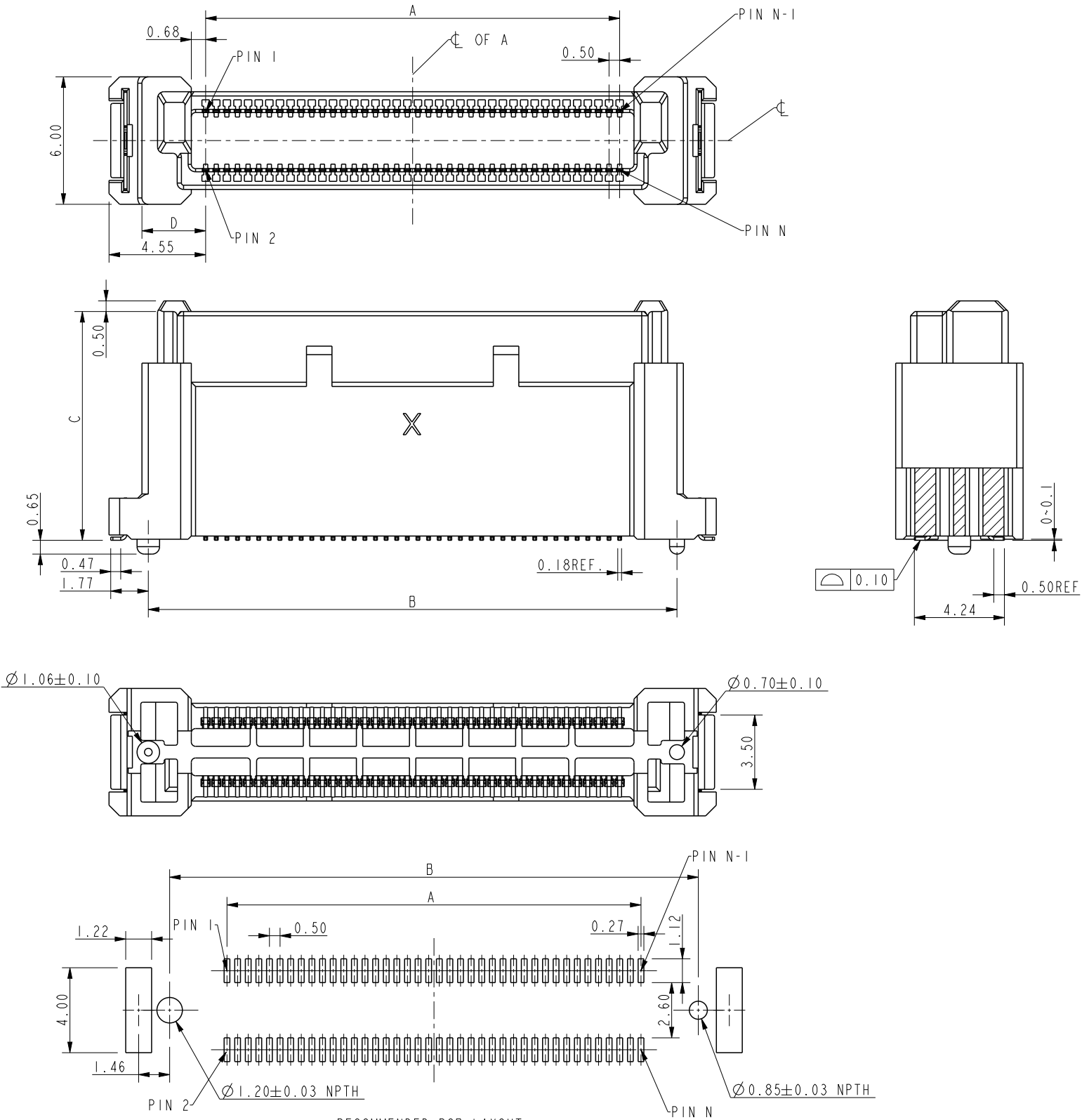
- NOTE:
1. MATERIAL:
- 1.1 HOUSING: HIGH TEMPERATURE RESIN,BLACK, UL94-V0;
- 1.2 TERMINAL: COPPER ALLOY;
- 1.3 HOLD DOWN: COPPER ALLOY;
2. PLATING:
- 2.1 TERMINAL: NICKEL UNDERPLATE OVERALL 1.27um MIN
SEE SHEET 2 PLATING OPTION.
- 2.2 HOLD DOWN: NI UNDER PLATING,ALL OVER MATTE TIN
3. SEE GS-12-1727 FOR 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: 0.1 MAX



PEG AND HOLD DOWN ARE OPTIONAL

HEADER TYPE	P/N	C	D
HEADER 1	10163418-XX1XXXXLF	3.77	3.05
HEADER 2	10163418-XX2XXXXLF	7.77	3.00
HEADER 6	10163418-XX6XXXXLF	8.77	3.00

P/N	PIN NUMBER	A	B
10163418-02XXXXXLF	2 X 10	4.50	9.90
10163418-03XXXXXLF	2 X 15	7.00	12.40
10163418-04XXXXXLF	2 X 20	9.50	14.90
10163418-05XXXXXLF	2 X 25	12.00	17.40
10163418-06XXXXXLF	2 X 30	14.50	19.90
10163418-07XXXXXLF	2 X 35	17.00	22.40
10163418-08XXXXXLF	2 X 40	19.50	24.90
10163418-09XXXXXLF	2 X 45	22.00	27.40
10163418-10XXXXXLF	2 X 50	24.50	29.90
10163418-0AXXXXXLF	2 X 55	27.00	32.40
10163418-0BXXXXXLF	2 X 60	29.50	34.90



RECOMMENDED PCB LAYOUT
TOLERANCE ± 0.05 UNLESS SPECIFIED

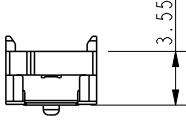
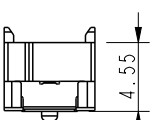
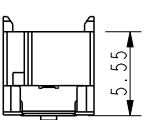
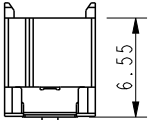
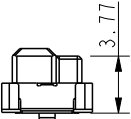
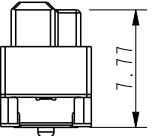
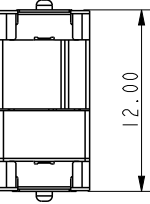
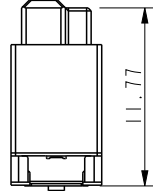
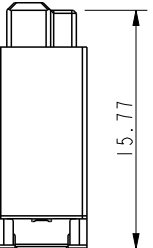
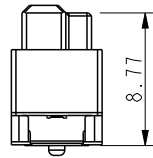
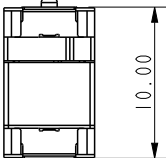
spec ref	dr	Yuan-Yuan Bao	2022/03/22	projection	MM	size	A3	scale	1:1
tolerance std	eng	Sanford Lu	2024/03/28	chr	-	ecn no	ELX-N-50292-1	rel level	Released
ISO 406	appr	Tim Yao	2024/03/28	product family	BERGSTAK 0.5MM HS	dwg no	10163418	rev	C
ISO 1101					HEADER				
surface	linear	0.X	± 0.30						
		0.XX	± 0.20						
		0.XXX	± 0.10						
ISO 1302	angular	0°	$\pm$						
				cat. no.	Product - Customer Drw	sheet 1 of 2			

A

B

C

D

10163418	COMBINATION OF MATED HEIGHT	10163419			
		 RECEPTACLE 1	 RECEPTACLE 2	 RECEPTACLE 3	 RECEPTACLE 4
	 HEADER 1	5mm Stack Height	6mm Stack Height	7mm Stack Height	8mm Stack Height
	 HEADER 2	9mm Stack Height	10mm Stack Height	11mm Stack Height	 12.00
	 HEADER 3	13mm Stack Height	14mm Stack Height	15mm Stack Height	16mm Stack Height
	 HEADER 4	17mm Stack Height	18mm Stack Height	19mm Stack Height	20mm Stack Height
	 HEADER 6	 10.00	/	/	/

10163418- 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

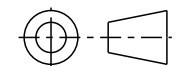
HOUSING OPTION:
0: WITH PEG
1: WITHOUT PEG

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

HEADER TYPE:
1: HEADER 1
2: HEADER 2
6: HEADER 6

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 ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sanford Lu	2024/03/28			ecn no	ELX-N-50292-1		
				chr	-	-						
				appr	Tim Yao	2024/03/28				product family		
surface ISO 1302	linear	0.X	±0.30	Amphenol FCi	title	BERGSTAK 0.5MM HS HEADER			dwg no	10163418		rev C
		0.XX	±0.20									
		0.XXX	±0.10									
	angular	0°	±°	cat. no.	-	Product - Customer Drw				sheet 2 of 2		