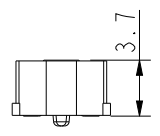
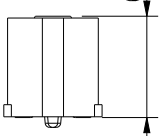


PRODUCT NO.
SEE TABLE

10147614-AA B C D E LF

AA	POSITION
04	2X20
06	2X30
08	2X40
10	2X50
12	2X60
14	2X70
16	2X80
18	2X90

NOTE 5

B	
1	4
	
FOR COMBINATION OF MATED HEIGHT, SEE DRAWING NO. 10147613	

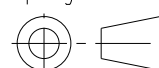
D	POLARIZATION PEG
0	YES
1	NO

E	PACKAGING
0	TUBE WITHOUT CAP
6	T&R WITH KAPTON CAP

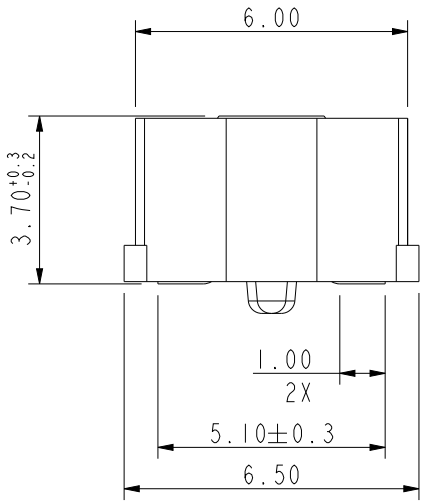
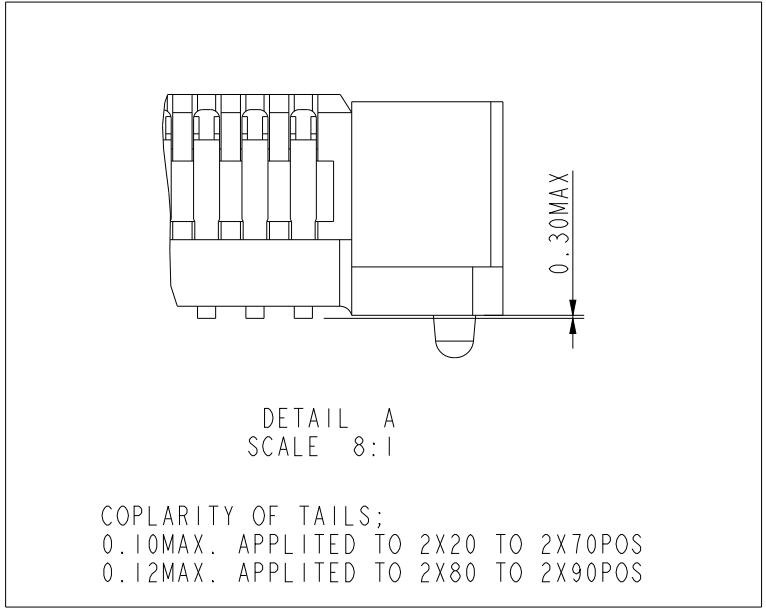
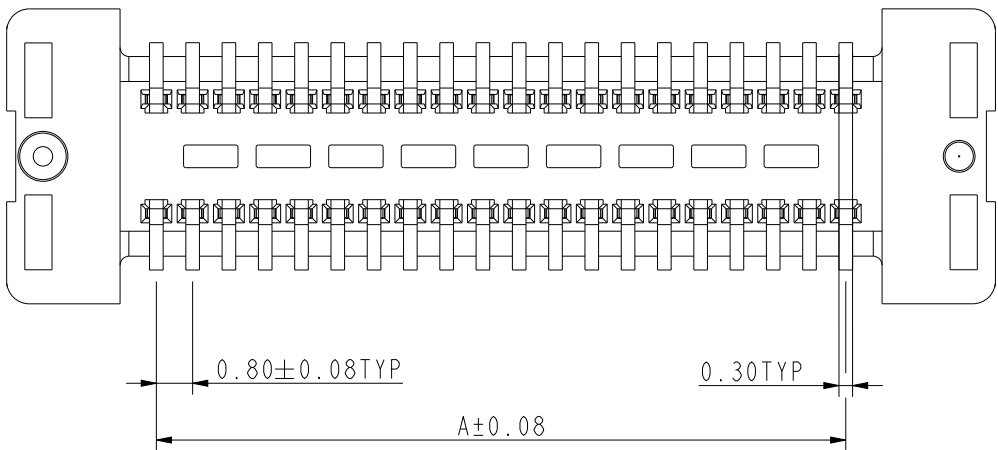
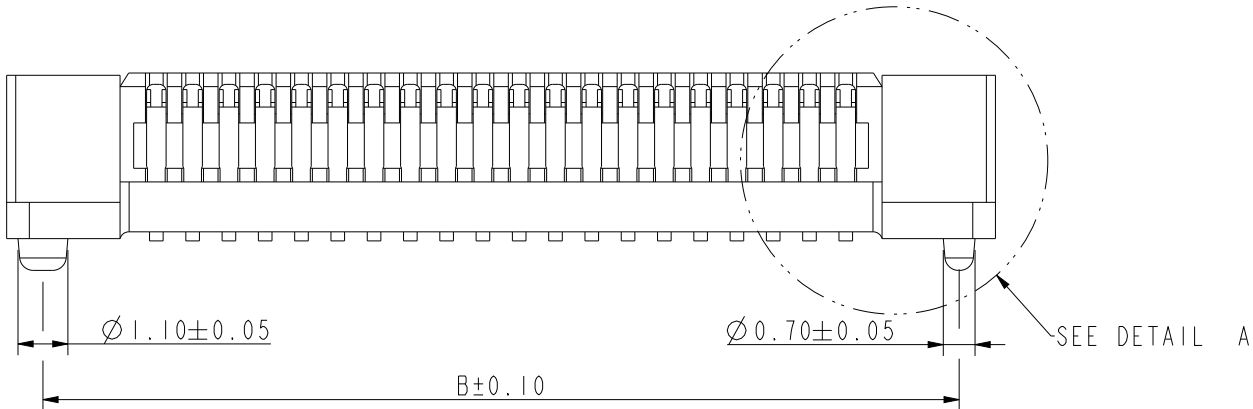
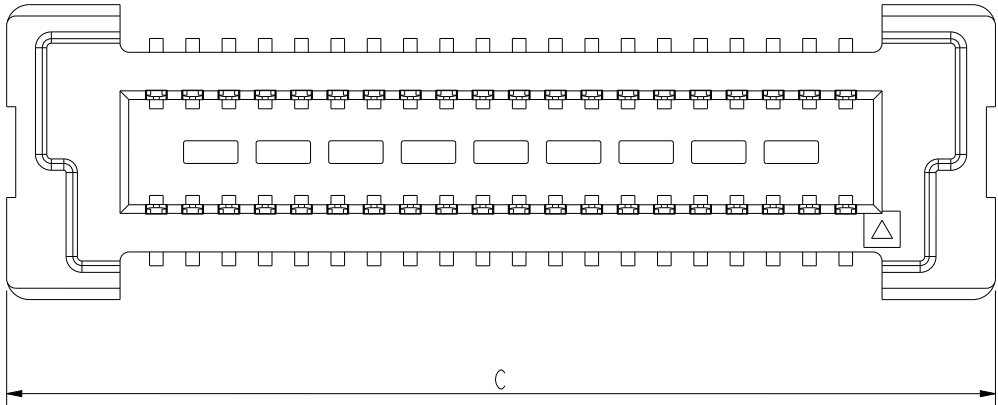
C	PLATING ON CONTACT AREA / ON SOLDER TAIL AREA
4	GOLD 0.2umMIN. ON CONTACT AREA PURE TIN 2.5um MIN(LEAD FREE) ON SOLDER TAIL NICKEL UNDERPLATE OVERALL 1.27um MIN
5	GOLD 0.38umMIN. ON CONTACT AREA PURE TIN 2.5um MIN(LEAD FREE) ON SOLDER TAIL NICKEL UNDERPLATE OVERALL 1.27um MIN
6	GOLD OR GXT 0.76umMIN ON CONTACT AREA PURE TIN 2.5um MIN(LEAD FREE) ON SOLDER TAIL NICKEL UNDERPLATE OVERALL 1.27um MIN

NOTE:

- MATERIAL:
HOUSING: HIGH TEMPERATURE RESIN,NATURAL, UL94-V0
TERMINAL: COPPER ALLOY
- PLATING:
AS SHOWN IN TABLE.
- SEE GS-12-1499 FOR PRODUCT SPEC.
- THE HOUSING WILL WITHSTAND EXPOSURE UP TO 260°C PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- ONLY PLUG1 120POS PRODUCT IS AVAILABLE.

spec ref -				dr	Bob Gu	2019/12/31			size	A3	scale	3:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Bob Gu	2021/11/18			ecn no	ELX-N-38763-1		
				chr	-	-						
				appr		Tim Yao						
surface ISO 1302	linear	0.X	±0.3		title PLUG ASSEMBLY BERGSTAK HS 0.8MM				dwg no	10147614		rev C
		0.XX	±0.15									
		0.XXX	±0.08									
	angular	0°	±2°	cat. no.	-	Product - Customer Drw				sheet 1 of 4		

PRODUCT NO.	NO. OF POSITION	DEMENSION		
		A	B	C
10147614-041*0**LF	2X20	15.20	20.20	21.80
10147614-061*0**LF	2X30	23.20	28.20	29.80
10147614-081*0**LF	2X40	31.20	36.20	37.80
10147614-101*0**LF	2X50	39.20	44.20	45.80
10147614-121*0**LF	2X60	47.20	52.20	53.80
10147614-141*0**LF	2X70	55.20	60.20	61.80
10147614-161*0**LF	2x80	63.20	68.20	69.80
10147614-181*0**LF	2x90	71.20	76.20	77.80



spec ref -				dr Bob Gu		2019/12/31		projection	mm	size A3		scale 3:1					
tolerance std				eng Bob Gu		2021/11/18				ecn no ELX-N-38763-1							
ISO 406				chr -		-				rel level Released							
ISO 1101				appr Tim Yao		2021/11/19								product family			
surface ISO 1302				linear		0.X		±0.3		Amphenol FCI		title PLUG ASSEMBLY BERGSTAK HS 0.8MM		dwg no 10147614		rev C	
						0.XX		±0.15									
						0.XXX		±0.08									
						angular		0°		±2°		cat. no.		Product - Customer Drw			

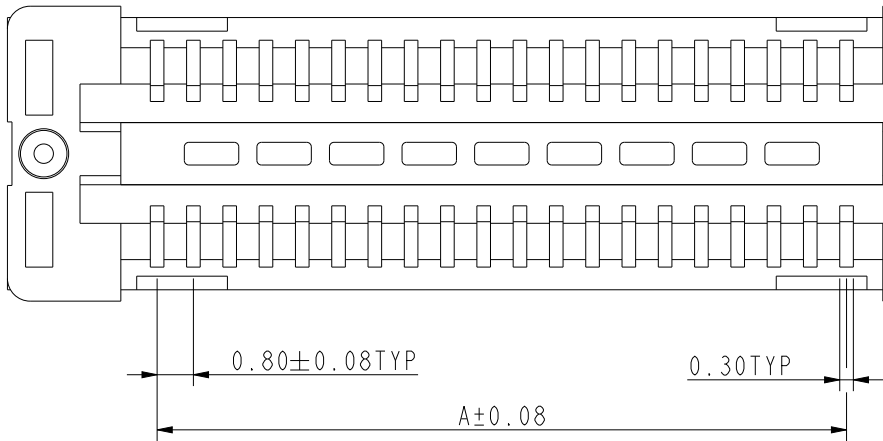
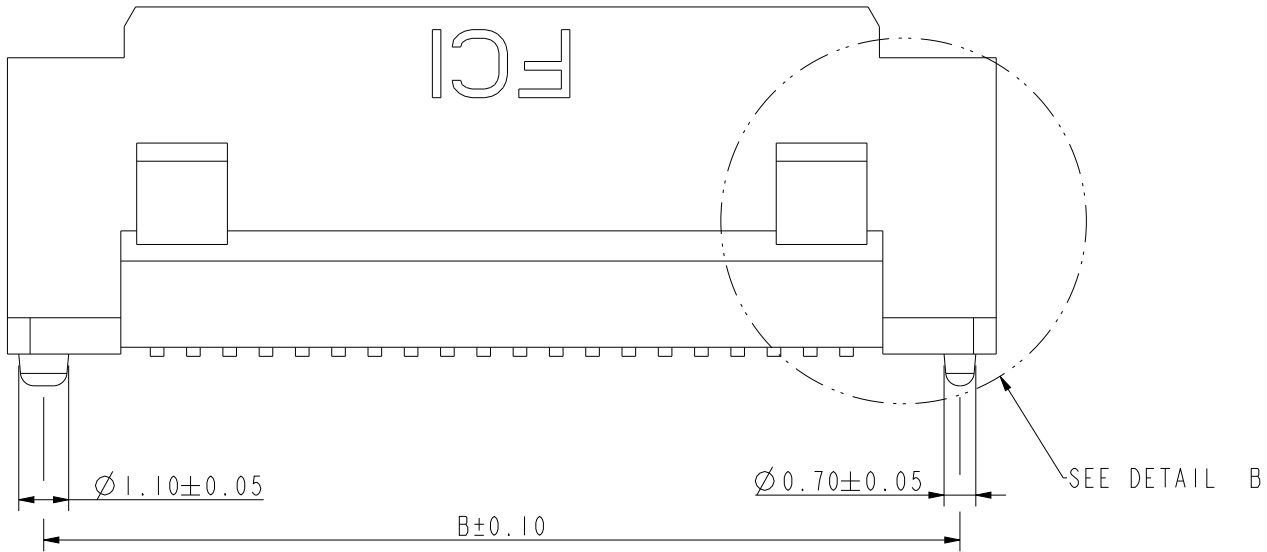
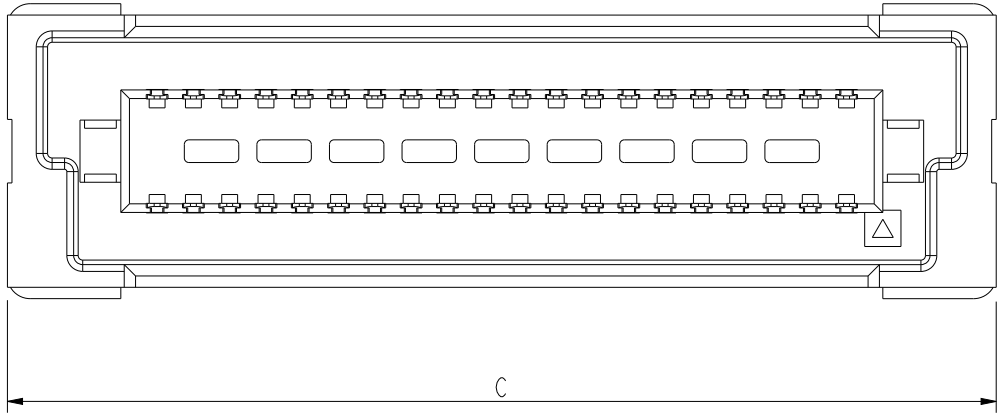
A

B

C

D

PRODUCT NO.	NO. OF POSITION	DEMENSION		
		A	B	C
10147614-044*0**LF	2X20	15.20	20.20	21.80
10147614-064*0**LF	2X30	23.20	28.20	29.80
10147614-084*0**LF	2X40	31.20	36.20	37.80
10147614-104*0**LF	2X50	39.20	44.20	45.80
10147614-124*0**LF	2X60	47.20	52.20	53.80
10147614-144*0**LF	2X70	55.20	60.20	61.80



spec ref	-	dr	Bob Gu	2019/12/31
tolerance std	ISO 406 ISO 1101	eng	Bob Gu	2021/11/18
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-
		appr	Tim Yao	2021/11/19
surface	linear	0.X	±0.3	
		0.XX	±0.15	
		0.XXX	±0.08	
ISO 1302	angular	0°	±2°	

Amphenol
FCi

title

PLUG ASSEMBLY

BERGSTAK HS 0.8MM

cat. no.

Product - Customer Drw

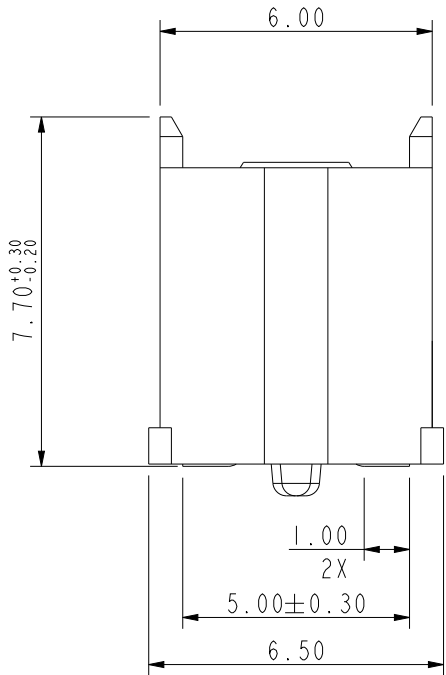
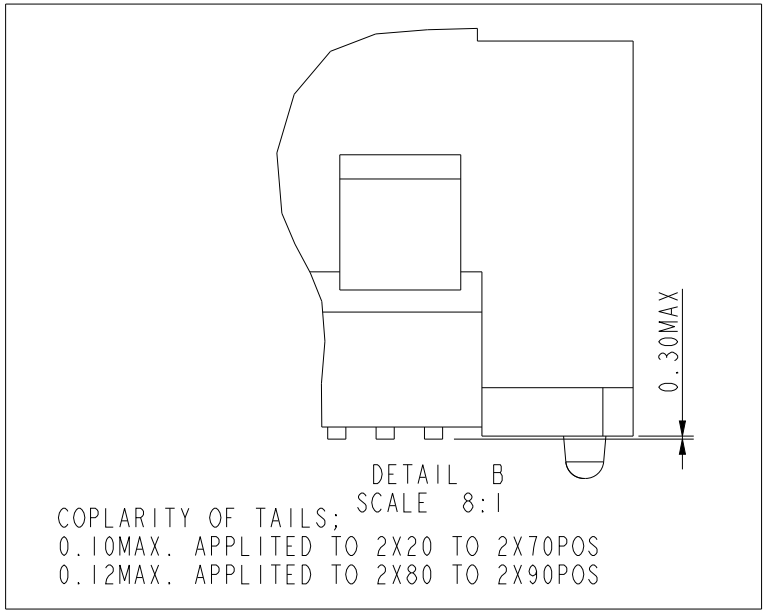
dwg no

10147614

rev

C

sheet 3 of 4



A

B

C

D

A

B

C

D

2

2

3

3

4

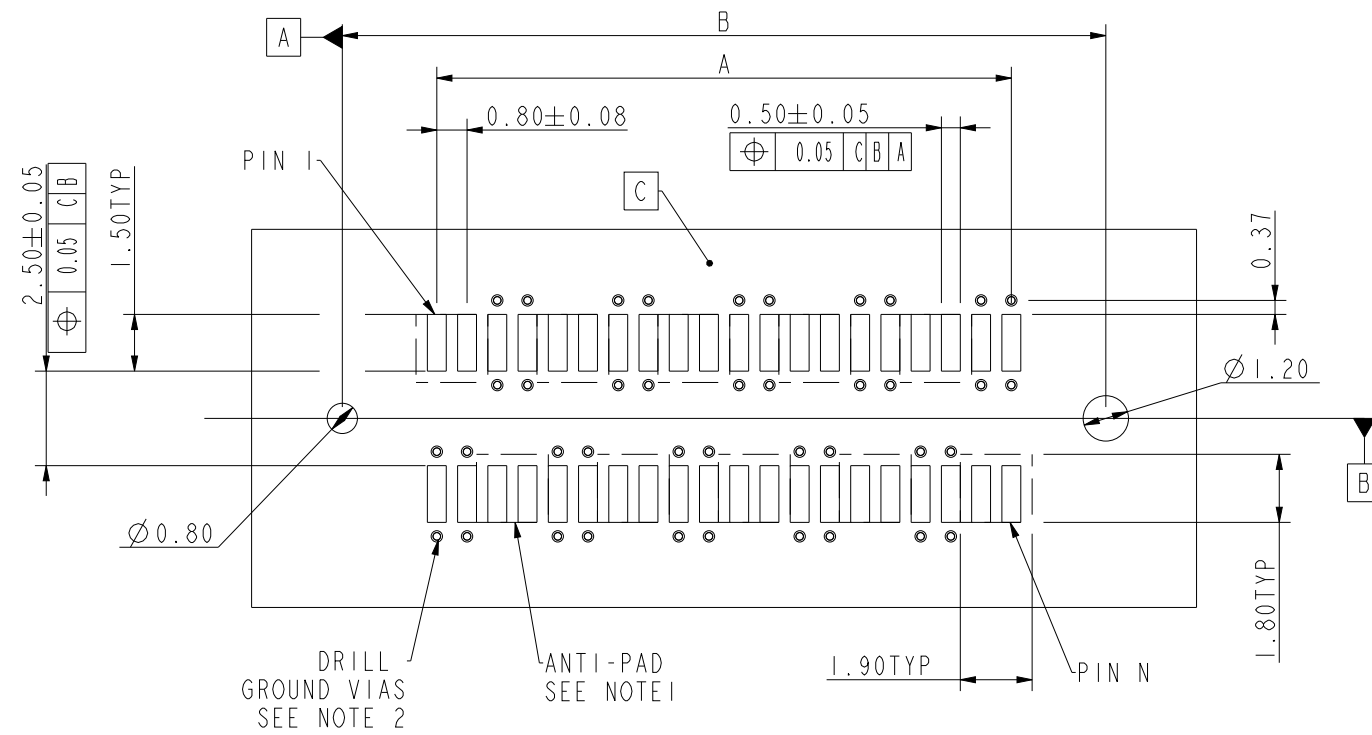
4

A

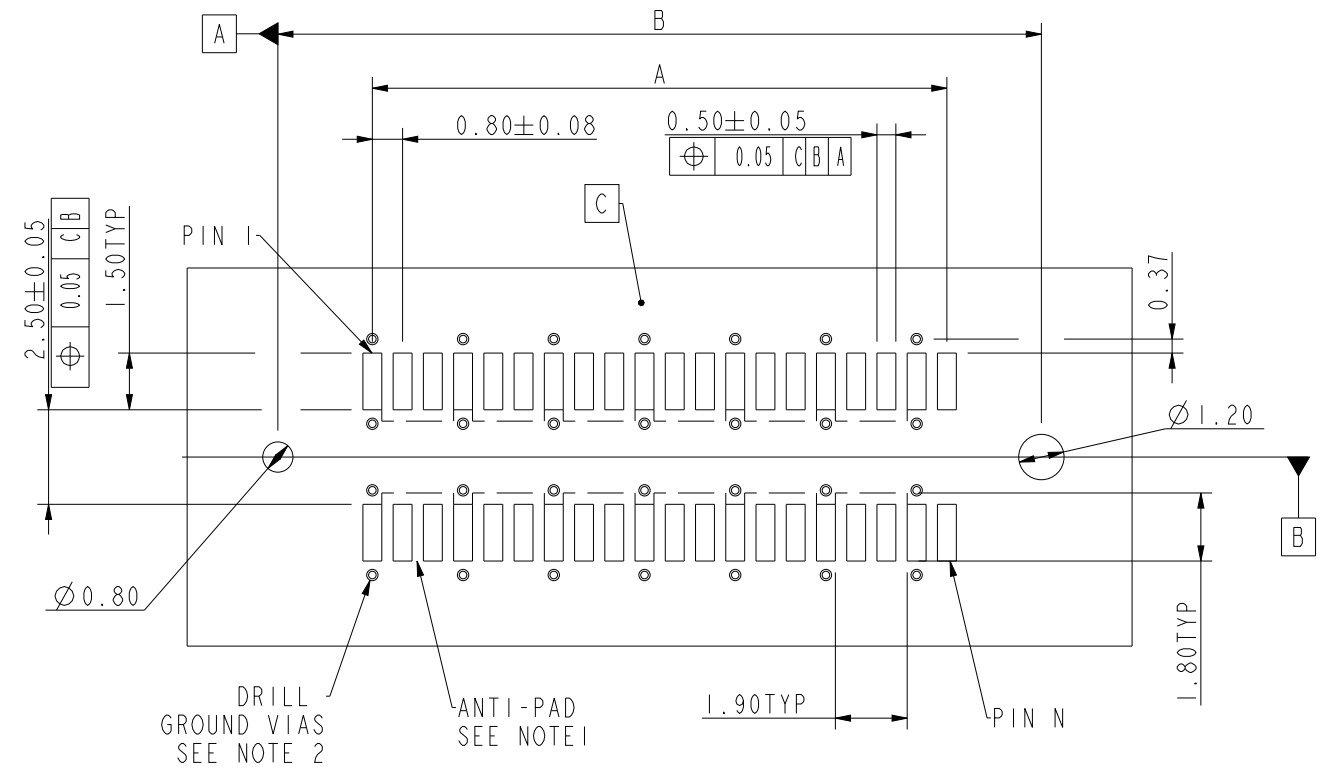
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C

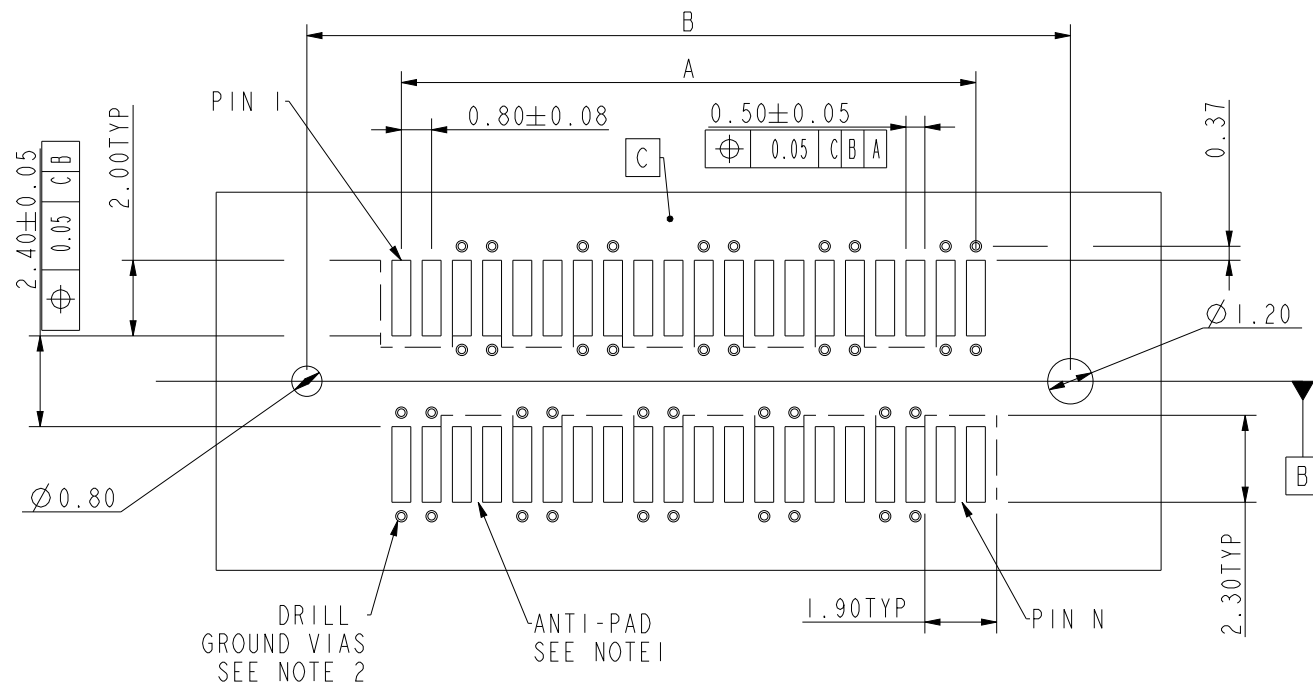
D



DOUBLE GROUND PATTERN
RECOMMENDED HS PCB LAYOUT



SIGLE GROUND PATTERN
RECOMMENDED HS PCB LAYOUT

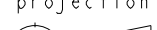


DOUBLE GROUND PATTERN
RECOMMENDED STD PCB LAYOUT

PRODUCT NO.	NO. OF POSITION	DEMENSION	
		A	B
10147614-04**0**LF	2X20	15.20	20.20
10147614-06**0**LF	2X30	23.20	28.20
10147614-08**0**LF	2X40	31.20	36.20
10147614-10**0**LF	2X50	39.20	44.20
10147614-12**0**LF	2X60	47.20	52.20
10147614-14**0**LF	2X70	55.20	60.20
10147614-16**0**LF	2X80	63.20	68.20
10147614-18**0**LF	2X90	71.20	76.20

NOTE:

- FOR HS PCB, THE RECOMMENDED VOID SIZE IS 1.9MMx1.8MM;
FOR STD PCB, THE RECOMMENDED VOID SIZE IS 1.9MMx2.3MM;
- THE GROUND VIAS ARE REQUIRED TO ADD TO BOTH SIDES OF GROUND PAD, THE DISTANCE FROM VIA CENTER TO THE PAD EDGE IS RECOMMENDED TO BE 0.37MM.

dr	Bob Gu	2019/12/31	projection 	mm 	size	A3	scale	5:1					
eng	Bob Gu	2021/11/18			ecn no	ELX-N-38763-1							
chr	-	-			rel level	Released							
appr	Tim Yao	2021/11/19	product family										
Amphenol FCI		title			PLUG ASSEMBLY			dwg no	10147614		rev	C	
		cat. no.			Product - Customer Drw			sheet 4 of 4					
		BERGSTAK HS 0.8MM											