

10140607-

AA B C D E G FF

AA	NO. OF POSITIONS
02	2X10
04	2X20
06	2X30
08	2X40
10	2X50
12	2X60
14	2X70
16	2X80
18	2X90
20	2X100

NOTE 10

B			
1	2	3	4
FOR COMBINATION OF MATED HEIGHT, SEE DWG. NO. 61082			

G	DATE CODE
/	NOT PRINT DATE CODE
P	PRINT DATE CODE

E	PACKAGING
0	TUBE WITHOUT METAL CAP
2	T&R WITH METAL CAP
9	TUBE WITH METAL CAP
6	T&R WITHOUT METAL CAP (WITH KAPTON TAPE)
7	T&R WITH PLASTIC CAP

NOTE 10

NOTE 10

NOTE 11

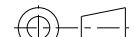

NOTE 10

D	FEATURE	HOLD DOWN
0	YES	NO
2	NO	NO

NOTE:

- MATERIAL:  
HOUSING: G.F. LCP, UL94-V0  
TERMINAL: BRASS
- PLATING: AS SHOWN IN TABLE.
- SEE GS-12-547 FOR PRODUCT SPEC.
- PACKAGING OPTION 2: NOT ALL SIZES ARE AVAILABLE. CHECK WITH FACTORY.
- THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE UP TO 260° PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- POSITION 2X10 TYPE ONLY APPLY TO PLUG 1.  
PACKAGING WITH METAL CAP AND PLASTIC CAP DOES NOT APPLY TO 2X10 POSITION.
- KAPTON TAPE ONLY APPLY TO POSITION 2X10~2X20.

C	PLATING: CONTACT AREA / SOLDER TAIL AREA	FF
0	GOLD 0.2um MIN. / TIN LEAD 2.5um MIN NICKEL UNDERPLATE OVERALL 1.27um MIN	NONE
1	GOLD FLASH OVER PALLADIUM-NICKEL 0.69um MIN / TIN LEAD 2.5um MIN NICKEL UNDERPLATE OVERALL 1.27um.	NONE
4	GOLD 0.2um MIN / MATT TIN 2.5um MIN NICKEL UNDERPLATE OVERALL 1.27um.	LF
5	GOLD 0.38um MIN / MATT TIN 2.5um MIN NICKEL UNDERPLATE OVERALL 1.27um MIN	LF
6	GOLD FLASH OVER PALLADIUM-NICKEL 69um MIN / MATT TIN 2.5um MIN NICKEL UNDERPLATE OVERALL 1.27um.	LF
8	GOLD 0.05um MIN NICKEL UNDERPLATE OVERALL 1.27um.)	LF

spec ref		-		dr	Eric Huang	2016/08/08			size	A3	scale	1:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Bob Gu	2018/04/04			ecn no	ELX-N-29781-1				
				chr	-	-								
				appr	Tim Yao	2018/04/10							product family	
surface	linear	0.X	±0.3	Amphenol FCi	title	BERGSTAK 0.80 PLUG ASSY			dwg no	10140607			rev	B
		0.XX	±0.15											
		0.XXX	±0.08											
	ISO 1302	angular	0°											

A

B

C

D

METAL CAP

WITH METAL CAP

SEE DETAIL A

SEE DETAIL AA

COPLANARITY OF TAIL:  
0.10 MAX. APPLIED TO 2X20 TO 2X70 POS  
0.13 MAX. APPLIED TO 2X80 TO 2X100  
POS

DETAIL A  
SCALE 10:1

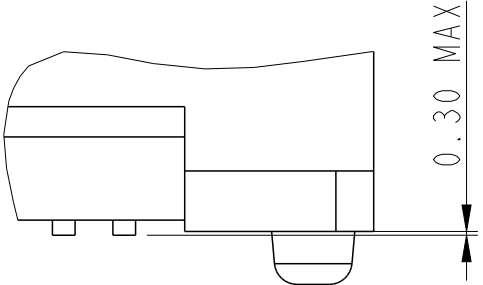
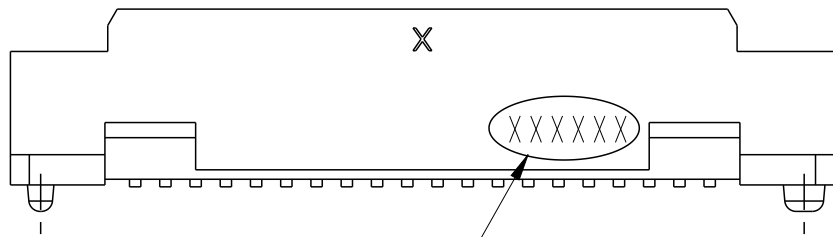
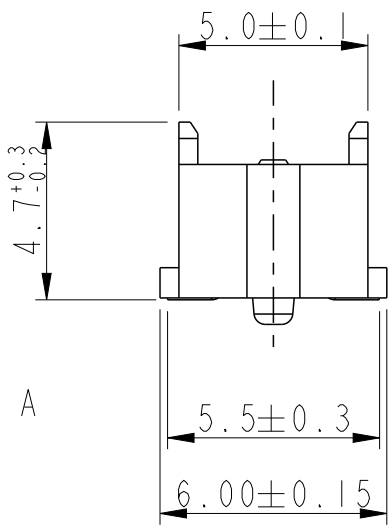
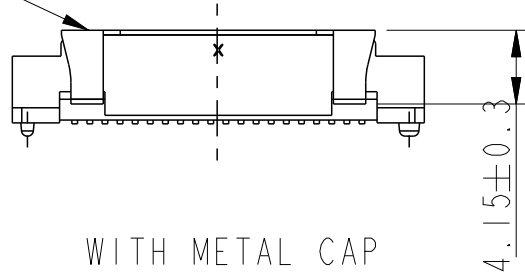
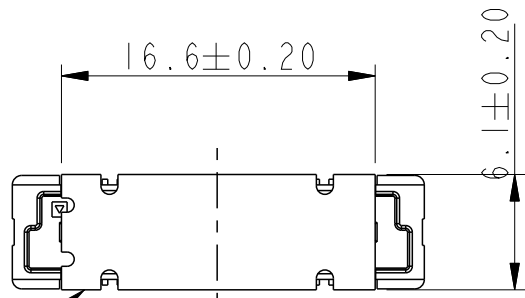
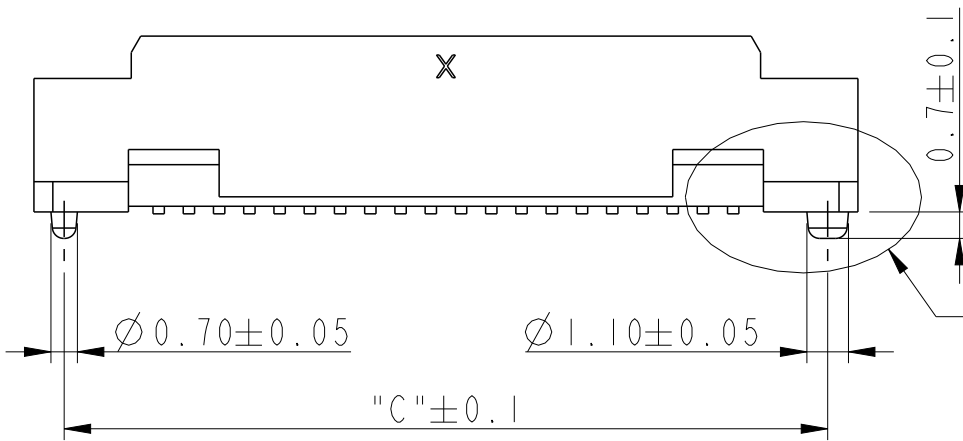
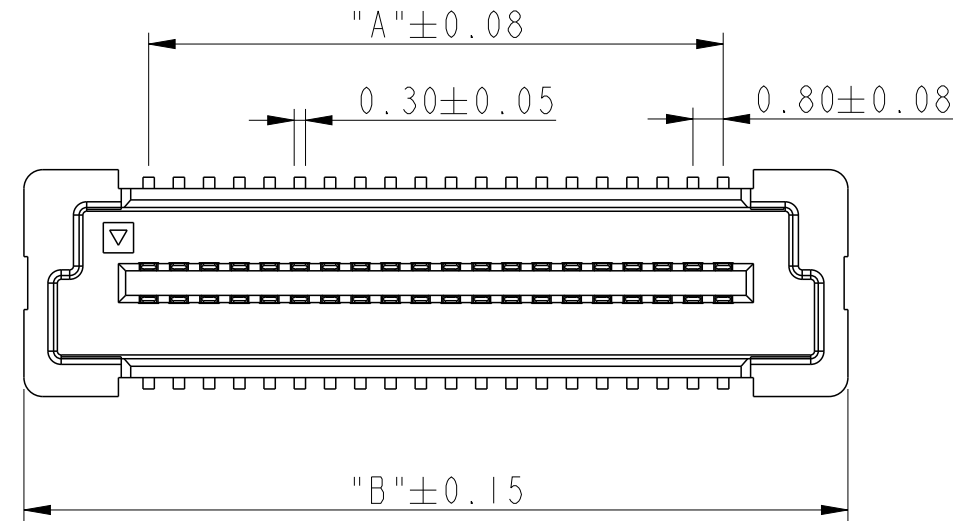
DATE CODE: XXXXXX

DAY(01~31)  
MONTH(01~12)  
YEAR(00~99)

DETAIL AA

PLUG I

PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10140607-021***	2X10	7.2	13.8	12.2
10140607-041***	2X20	15.2	21.8	20.2
10140607-061***	2X30	23.2	29.8	28.2
10140607-081***	2X40	31.2	37.8	36.2
10140607-101***	2X50	39.2	45.8	44.2
10140607-121***	2X60	47.2	53.8	52.2
10140607-141***	2X70	55.2	61.8	60.2
10140607-161***	2X80	63.2	69.8	68.2
10140607-181***	2X90	71.2	77.8	76.2
10140607-201***	2X100	79.2	85.8	84.2



spec ref	-	dr	Eric Huang	2016/08/08	projection	mm	size	A3	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Bob Gu	2018/04/04	chr	-	ecn no	ELX-N-29781-1	rel level	Released
surface	linear	appr	Tim Yao	2018/04/10	product family	BERGSTAK 0.80 PLUG ASSY	dwg no	10140607	rev	B
ISO 1302	angular	cat. no.	Product - Customer Drw	sheet 2 of 6						

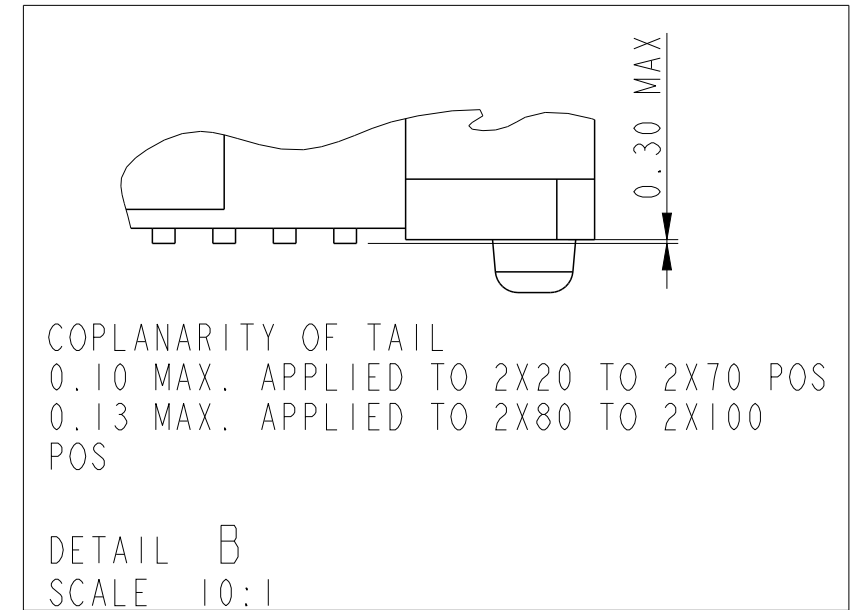
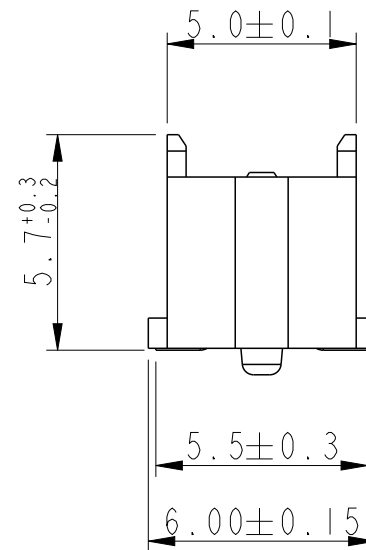
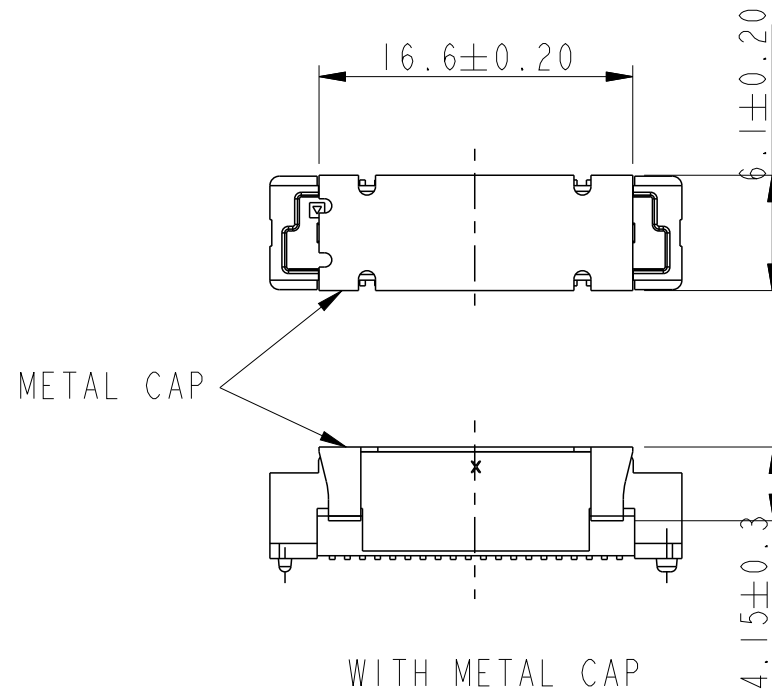
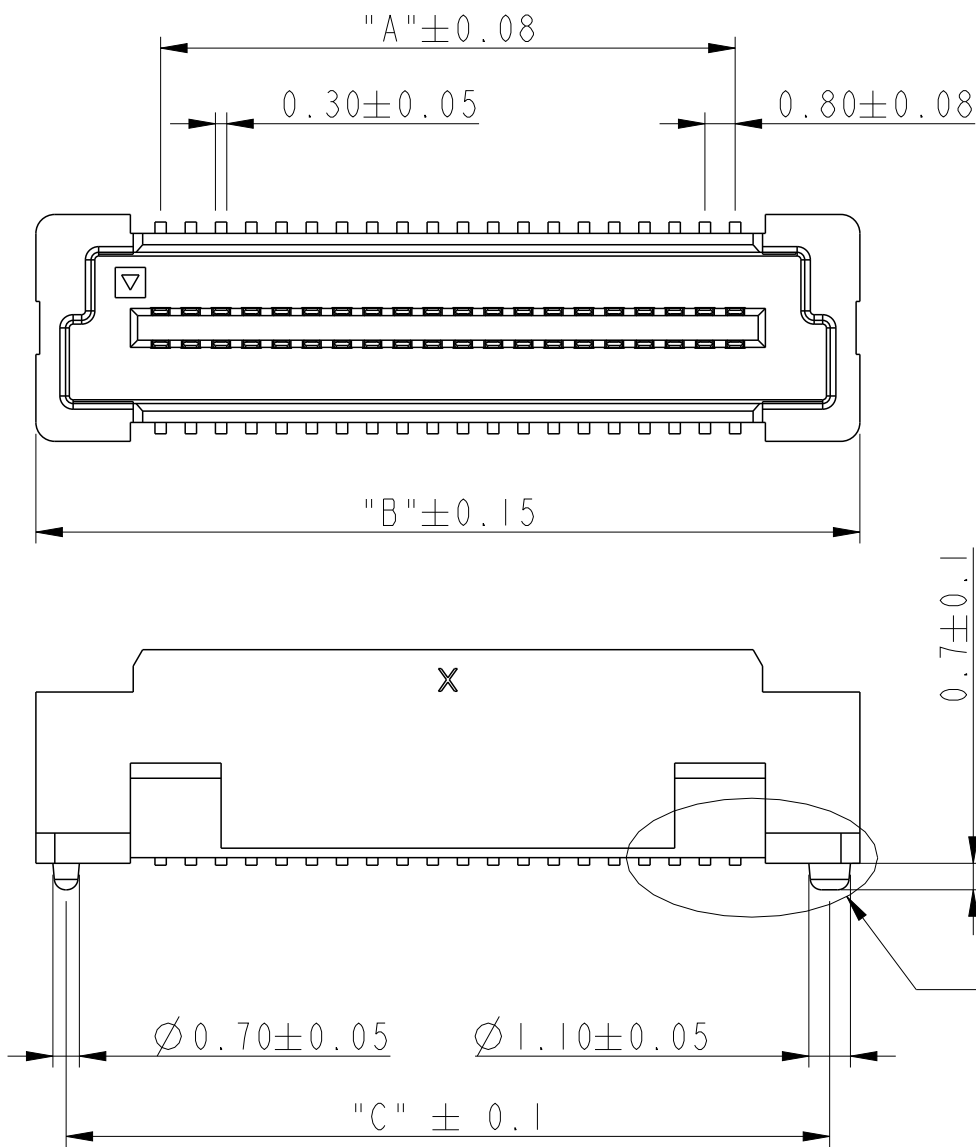
A

B

C

D

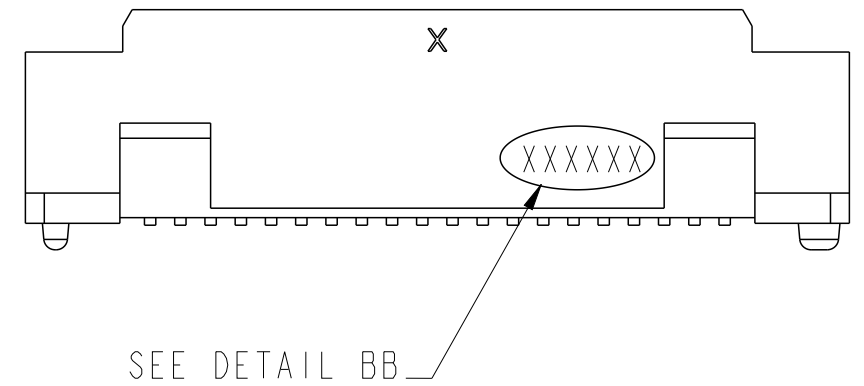
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10140607-042***	2X20	15.2	21.8	20.2
10140607-062***	2X30	23.2	29.8	28.2
10140607-082***	2X40	31.2	37.8	36.2
10140607-102***	2X50	39.2	45.8	44.2
10140607-122***	2X60	47.2	53.8	52.2
10140607-142***	2X70	55.2	61.8	60.2
10140607-162***	2X80	63.2	69.8	68.2
10140607-182***	2X90	71.2	77.8	76.2
10140607-202***	2X100	79.2	85.8	84.2



DATE CODE: XXXXXX

DAY(01~31)  
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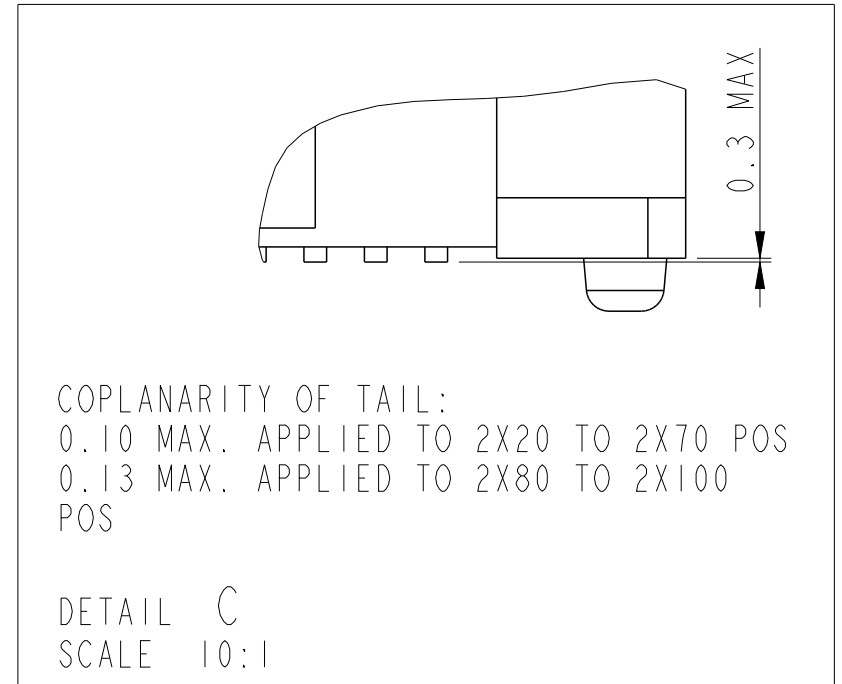
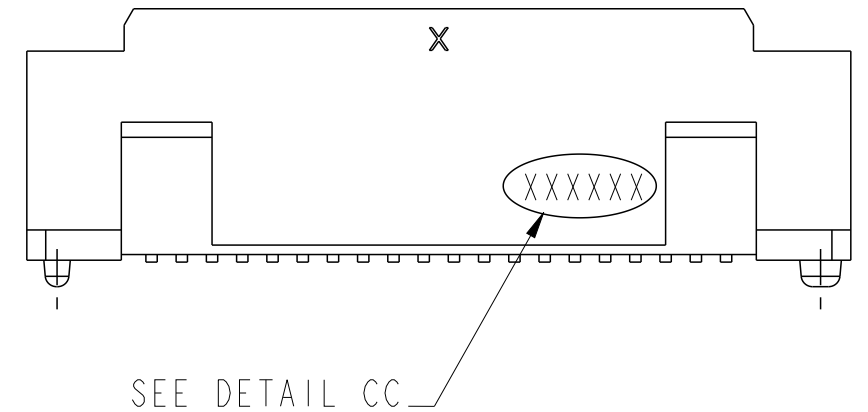
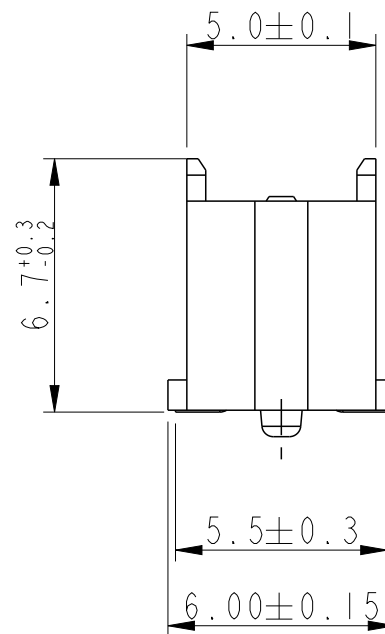
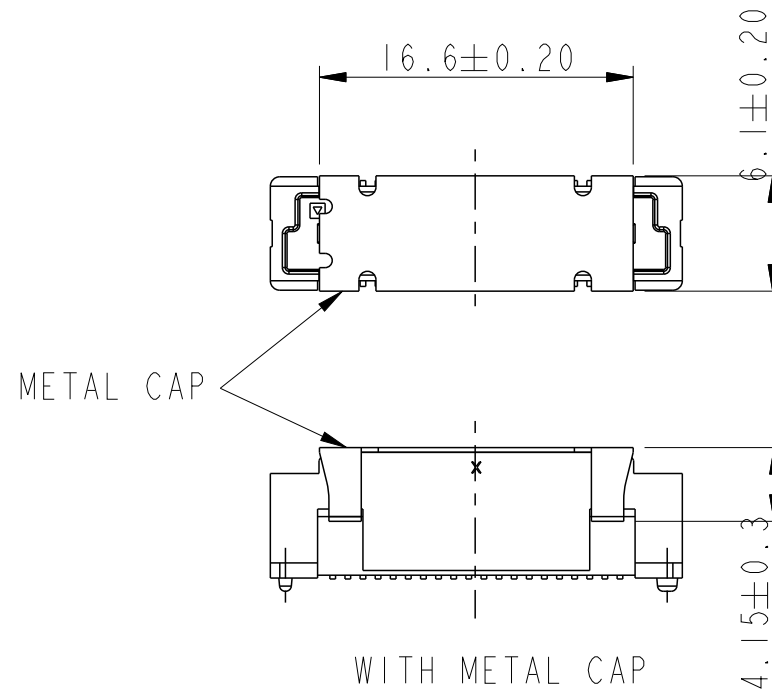
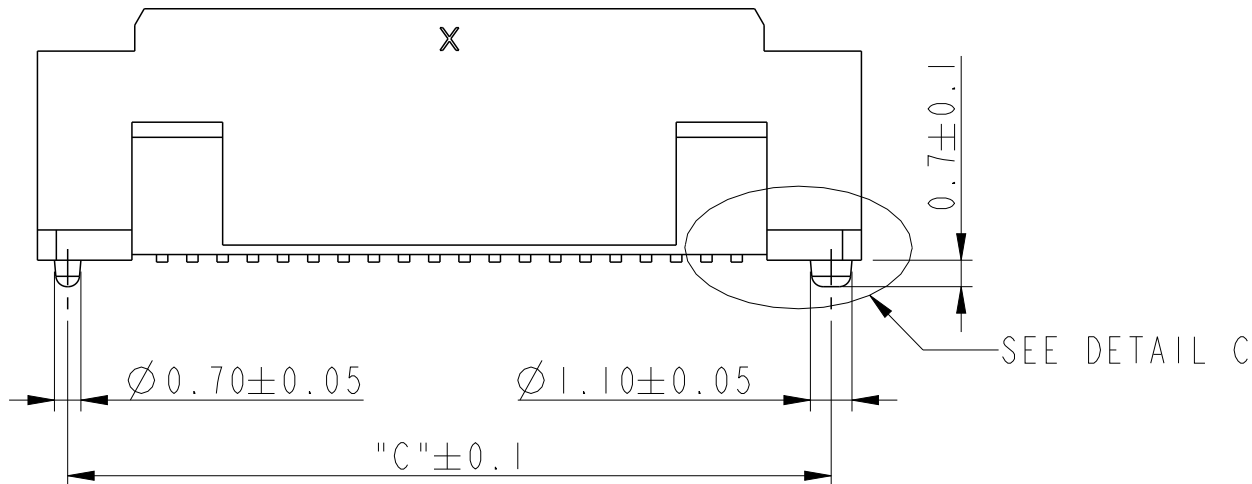
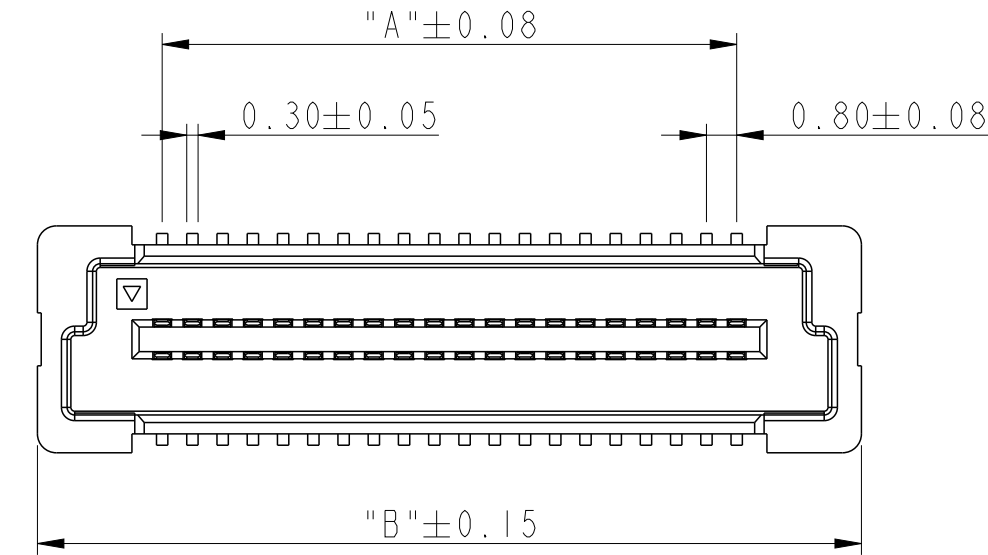
DETAIL BB



PLUG 2

spec ref	-	dr	Eric Huang	2016/08/08	projection	mm	size	A3	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Bob Gu	2018/04/04	chr	-	ecn no	ELX-N-29781-1	rel level	Released
surface	linear	appr	Tim Yao	2018/04/10	product family	BERGSTAK 0.80 PLUG ASSY	dwg no	10140607	rev	B
ISO 1302	angular	0°	±2°	cat. no.	Product - Customer Drw	sheet 3 of 6				

PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10140607-043***	2X20	15.2	21.8	20.2
10140607-063***	2X30	23.2	29.8	28.2
10140607-083***	2X40	31.2	37.8	36.2
10140607-103***	2X50	39.2	45.8	44.2
10140607-123***	2X60	47.2	53.8	52.2
10140607-143***	2X70	55.2	61.8	60.2
10140607-163***	2X80	63.2	69.8	68.2
10140607-183***	2X90	71.2	77.8	76.2
10140607-203***	2X100	79.2	85.8	84.2



DATE CODE: XXXXXX  
DAY(01~31)  
MONTH(01~12)  
YEAR(00~99)  
DETAIL CC

PLUG 3

spec ref	-	dr	Eric Huang	2016/08/08	projection	mm	size	A3	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Bob Gu	2018/04/04			ecn no	ELX-N-29781-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			rel level	Released		
		appr	Tim Yao	2018/04/10			product family	BERGSTAK 0.80 PLUG ASSY		
surface	linear	0.X	±0.3	Amphenol FCi	cat. no.	Product - Customer Drw	dwg no	10140607		
ISO 1302	angular	0.XX	±0.15				rev	B		
		0.XXX	±0.08				sheet 4 of 6	Printed: Apr 10, 2018		

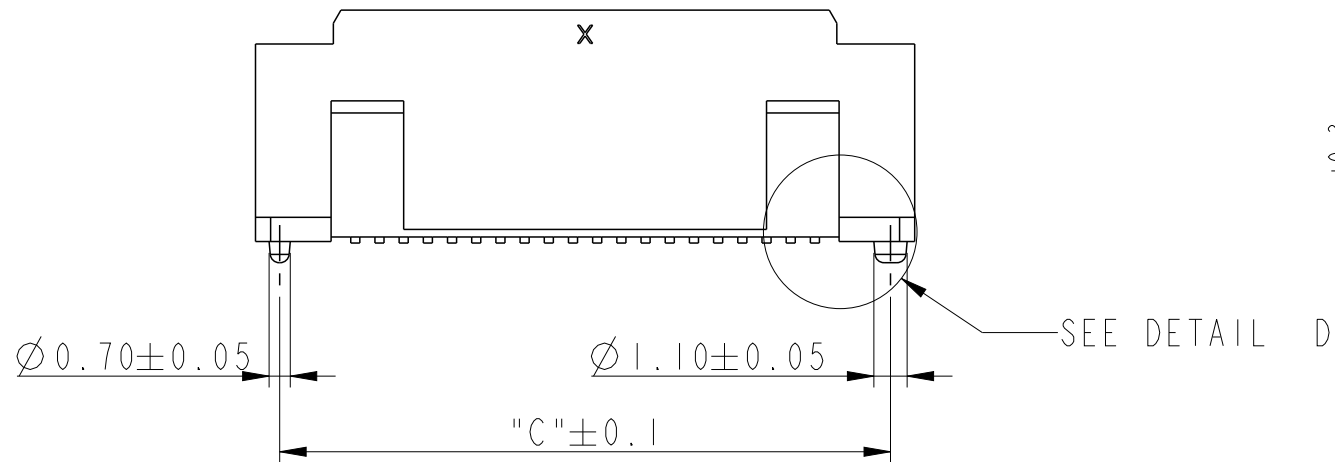
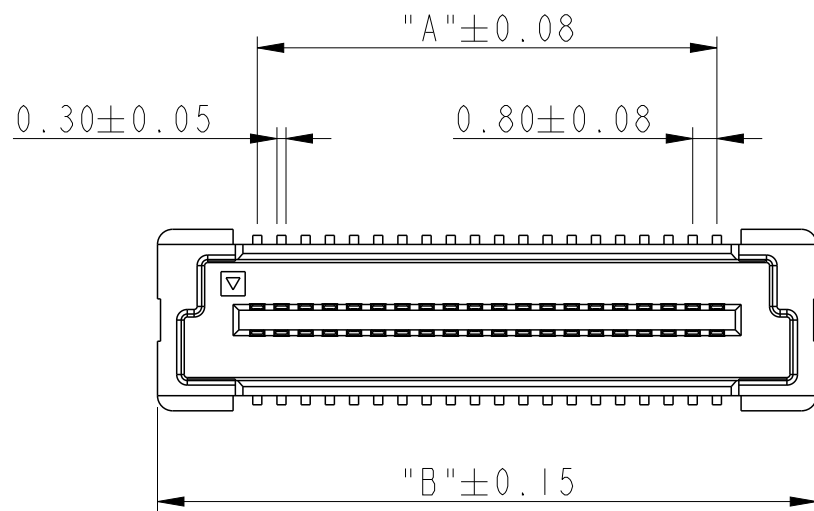
A

B

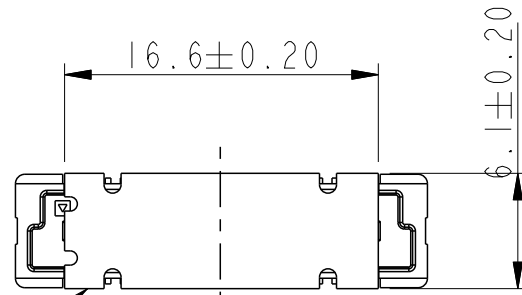
C

D

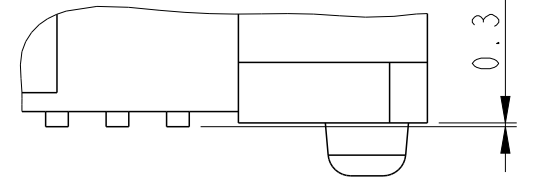
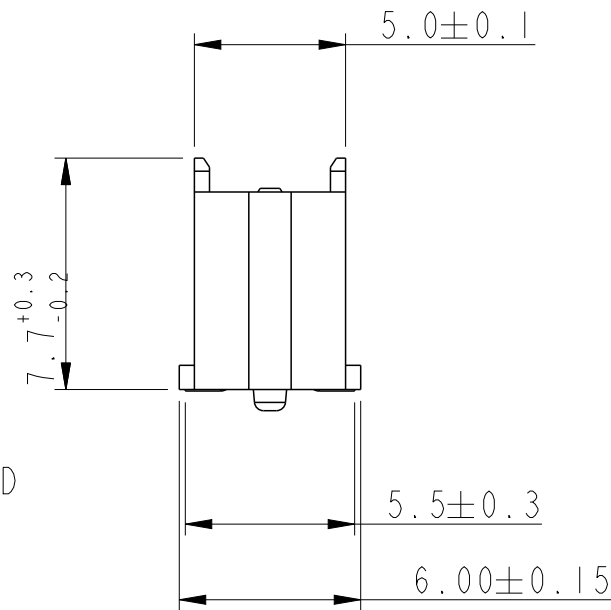
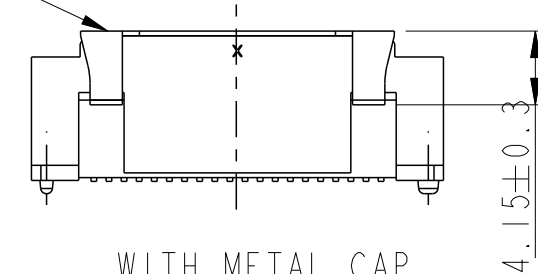
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10140607-044***	2X20	15.2	21.8	20.2
10140607-064***	2X30	23.2	29.8	28.2
10140607-084***	2X40	31.2	37.8	36.2
10140607-104***	2X50	39.2	45.8	44.2
10140607-124***	2X60	47.2	53.8	52.2
10140607-144***	2X70	55.2	61.8	60.2
10140607-164***	2X80	63.2	69.8	68.2
10140607-184***	2X90	71.2	77.8	76.2
10140607-204***	2X100	79.2	85.8	84.2



METAL CAP



WITH METAL CAP



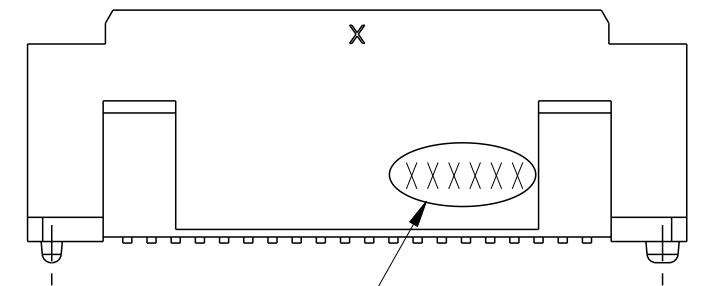
COPLANARITY OF TAIL:  
0.10 MAX. APPLIED TO 2X20 TO 2X70 POS  
0.13 MAX. APPLIED TO 2X80 TO 2X100 POS

DETAIL D  
SCALE 10:1

DATE CODE: XXXXXX

DAY(01~31)  
MONTH(01~12)  
YEAR(00~99)

DETAIL DD

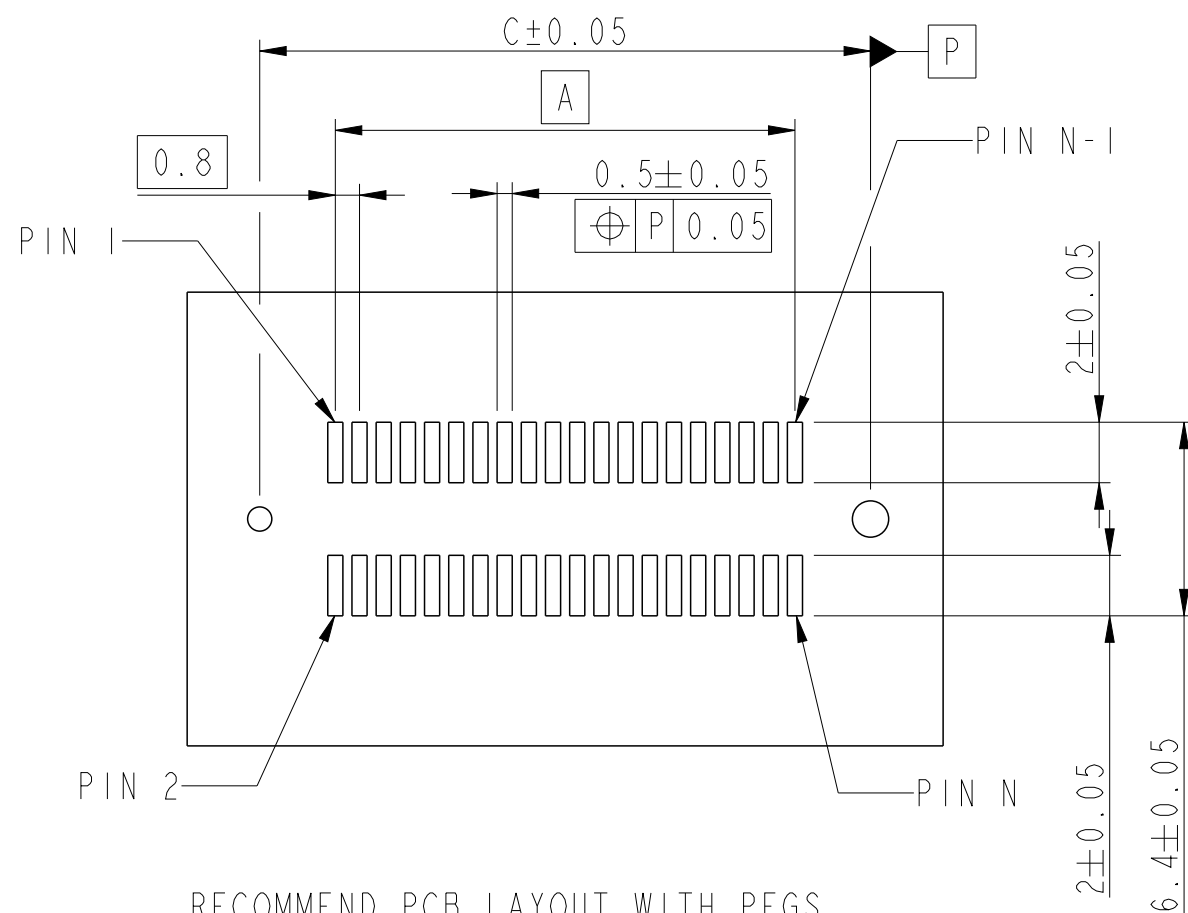


SEE DETAIL DD

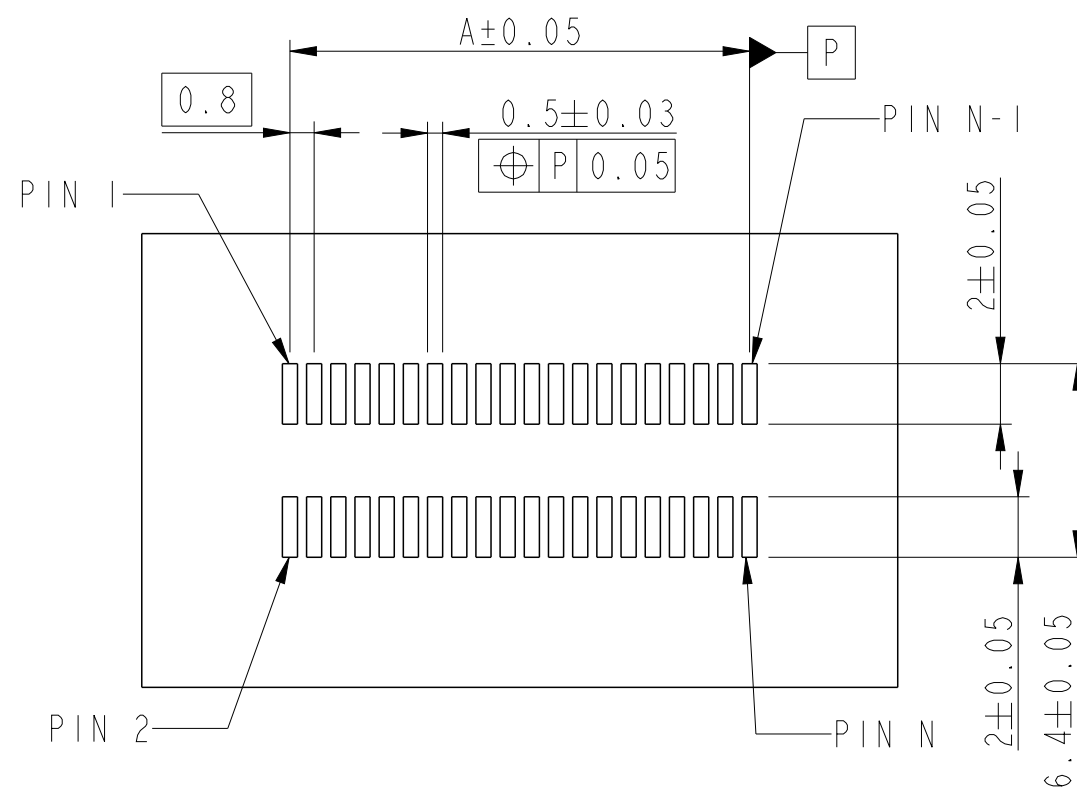
PLUG 4

spec ref	-	dr	Eric Huang	2016/08/08	projection	mm	size	A3	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Bob Gu	2018/04/04	chr	-	ecn no	ELX-N-29781-1	rel level	Released
surface	linear	appr	Tim Yao	2018/04/10	product family	BERGSTAK 0.80 PLUG ASSY	dwg no	10140607	rev	B
ISO 1302	angular	0°	±2°	cat. no.	Product - Customer Drw	sheet 5 of 6				

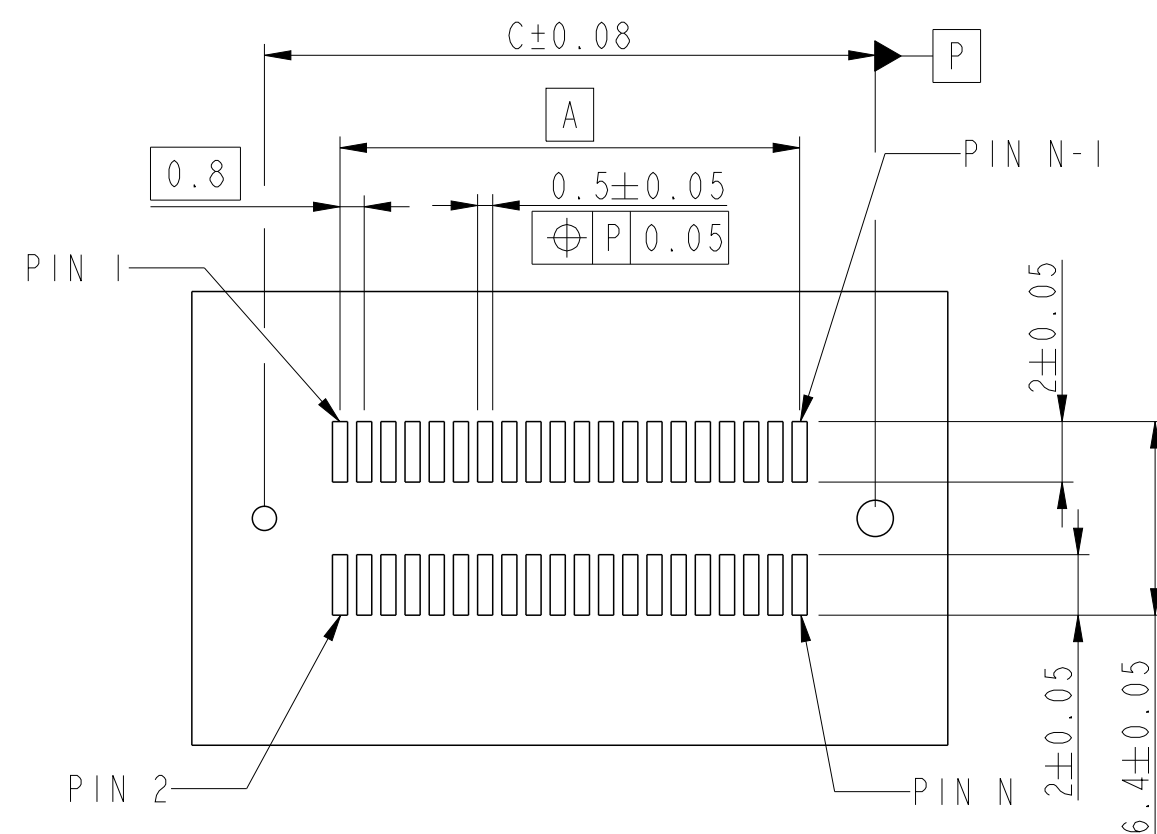
PLUG 1&2&3&4



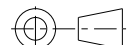

RECOMMEND PCB LAYOUT WITH PEGS  
FOR NO. OF POSITION 2X20,2X30,2X40,2X50,2X60



RECOMMEND PCB LAYOUT WITHOUT PEGS



RECOMMEND PCB LAYOUT WITH PEGS  
FOR NO. OF POSITION 2X70,2X80,2X90,2X100,

dr	Eric Huang	2016/08/08	<div>projection</div> <div></div>	<div>mm</div> <div></div>	size	A3	scale	4:1				
eng	Bob Gu	2018/04/04			ecn no	ELX-N-29781-1						
chr	-	-			rel level	Released						
appr	Tim Yao	2018/04/10	product family									
<div>Amphenol FCI</div>	title			BERGSTAK 0.80 PLUG ASSY			dwg no		10140607		rev	B
	cat. no.			Product - Customer Drw						sheet 6 of 6		