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10134990-AA B C D E G FF

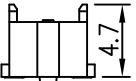
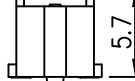

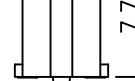
G	DATE CODE
/	NOT PRINT DATE CODE
P	PRINT DATE CODE

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

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. 10134989			

D	FEATURE	HOLD DOWN
0	YES	NO
2	NO	NO

NOTE:

- MATERIAL:  
HOUSING: G.F. LCP, UL94-V0  
TERMINAL: BRASS  
METAL CAP: STAINLESS STEEL
- PLATING: AS SHOWN IN TABLE.
- SEE GS-12-1325 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.
- PLATING OPTION "4" IS LEADFREE ALTERNATIVE FOR OPTION "0", AND OPTION "6" IS LEADFREE ALTERNATIVE FOR OPTION "1".
- HIGH PRECISION COPLANARITY IS AVAILABLE FOR 2X80 TO 2X100 POS, ALL HEIGHTS. PLS REFER TO PRINT 10069525.
- THE P/N 10134990-\*\*\*\*\* OR 10134990-\*\*\*\*\*LF NOT PRINT DATE CODE.  
THE P/N 10134990-\*\*\*\*\*P OR 10134990-\*\*\*\*\*PLF NEED PRINT DATE CODE.
- 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.
- PIN SOLDER TAIL OVERLAPPING NEED 50% MIN.
- DIMENSIONS NEED TO MEASURE BY QC

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 (0.1um MIN) OVER PALLADIUM-NICKEL 0.76um MIN / TIN LEAD 2.5um MIN NICKEL UNDERPLATE OVERALL 1.27um.	NONE
4	GOLD 0.2um MIN / PURE MATT TIN 2.5um MIN NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF
5	GOLD 0.38um MIN / MATT PURE TIN 2.5um MIN NICKEL UNDERPLATE OVERALL 1.27um MIN (LEADFREE PLATING)	LF
6	GOLD FLASH (0.1um MIN) OVER PALLADIUM-NICKEL 0.76um MIN / PURE MATT TIN 2.5um MIN NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF
9	GOLD 0.2um MIN / GOLD 0.05um MIN NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF

spec ref				dr Jim Meng		2015-07-15		projection		mm		size A3		scale 3:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Jim Meng		2015-07-15						ecn no	
						chr									
						appr Tim Yao		2015-07-15							
surface 		linear		0.X		±0.2				title BERGSTAK 0.8mm BTB PLUG ASSY		dwg no 10134990		rev A	
				0.XX		±0.15									
				0.XXX		±0.10									
		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer drw	

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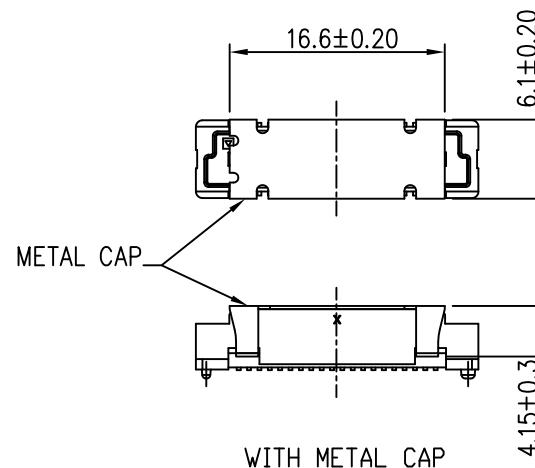
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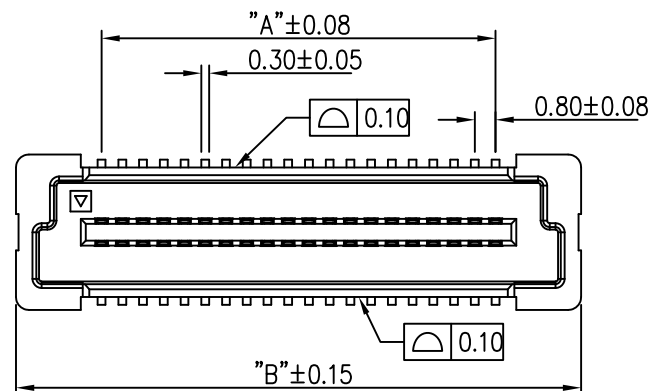
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10134990-021***	2X10	7.2	13.8	12.2
10134990-041***	2X20	15.2	21.8	20.2
10134990-061***	2X30	23.2	29.8	28.2
10134990-081***	2X40	31.2	37.8	36.2
10134990-101***	2X50	39.2	45.8	44.2
10134990-121***	2X60	47.2	53.8	52.2
10134990-141***	2X70	55.2	61.8	60.2
10134990-161***	2X80	63.2	69.8	68.2
10134990-181***	2X90	71.2	77.8	76.2
10134990-201***	2X100	79.2	85.8	84.2



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

B

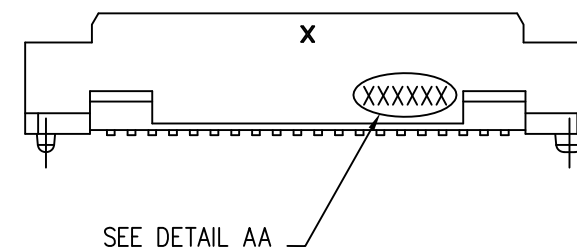
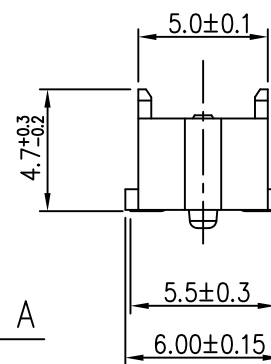
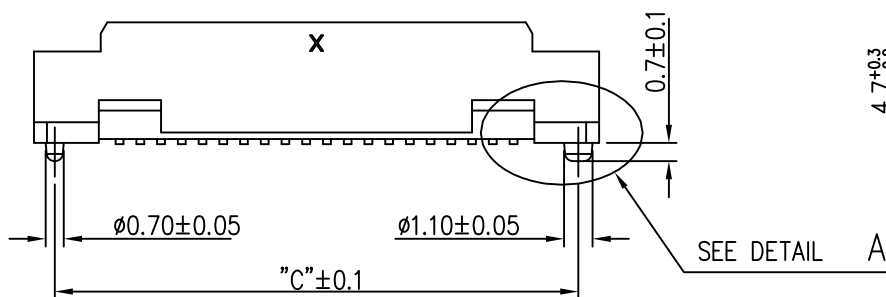


DATE CODE: XXXXXX

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

DETAIL AA

C



PLUG 1

dr	Jim Meng	2015-07-15	projection	mm	size	A3	scale	3:1
eng	Jim Meng	2015-07-15			ecn no			
chr					rel level		NEW RELEASE	
appr	Tim Yao	2015-07-15	product family	Bergstak				
FCI		title			BERGSTAK 0.8mm BTB		dwg no	
www.fci.com		cat. no.			10134990		rev	
					Product - Customer drw		sheet 2 of 6	

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PDS: Rev: A

STATUS: Released

Printed: Aug 07, 2015



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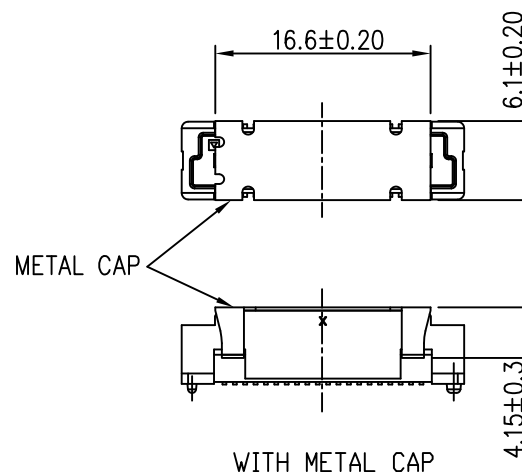
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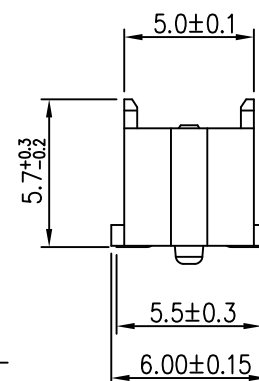
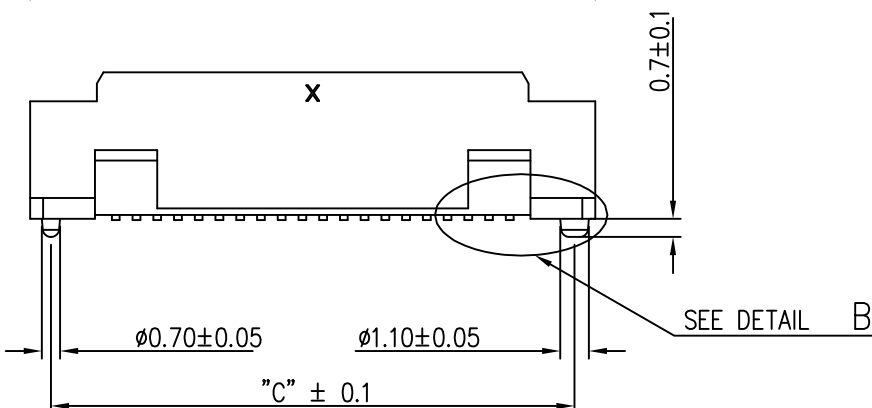
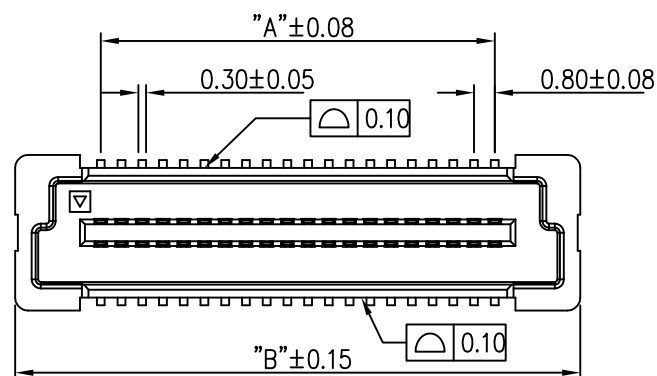
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PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10134990-042***	2X20	15.2	21.8	20.2
10134990-062***	2X30	23.2	29.8	28.2
10134990-082***	2X40	31.2	37.8	36.2
10134990-102***	2X50	39.2	45.8	44.2
10134990-122***	2X60	47.2	53.8	52.2
10134990-142***	2X70	55.2	61.8	60.2
10134990-162***	2X80	63.2	69.8	68.2
10134990-182***	2X90	71.2	77.8	76.2
10134990-202***	2X100	79.2	85.8	84.2



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

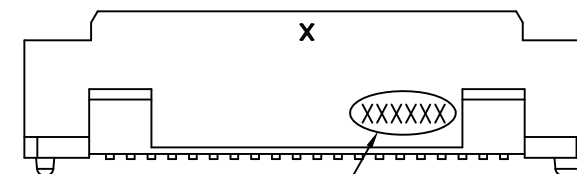
DETAIL B  
SCALE 10:1



DATE CODE: XXXXXX

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

DETAIL BB



SEE DETAIL BB

PLUG 2

dr	Jim Meng	2015-07-15	projection	mm	size	A3	scale	3:1
eng	Jim Meng	2015-07-15			ecn no			
chr					rel level			
appr	Tim Yao	2015-07-15	product family	Bergstak				RELEASE
FCi		title			BERGSTAK 0.8mm BTB		10134990	
www.fci.com		cat. no.			Product - Customer drw		sheet 3 of 6	
					rev		A	

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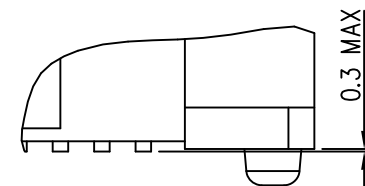
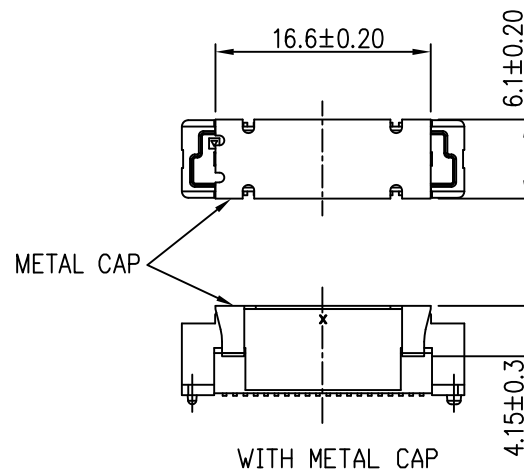
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PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10134990-043***	2X20	15.2	21.8	20.2
10134990-063***	2X30	23.2	29.8	28.2
10134990-083***	2X40	31.2	37.8	36.2
10134990-103***	2X50	39.2	45.8	44.2
10134990-123***	2X60	47.2	53.8	52.2
10134990-143***	2X70	55.2	61.8	60.2
10134990-163***	2X80	63.2	69.8	68.2
10134990-183***	2X90	71.2	77.8	76.2
10134990-203***	2X100	79.2	85.8	84.2



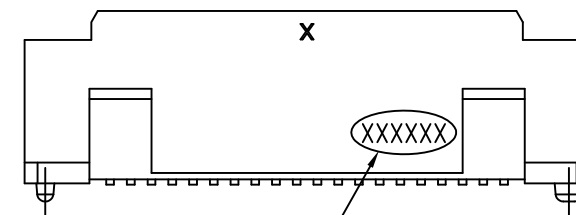
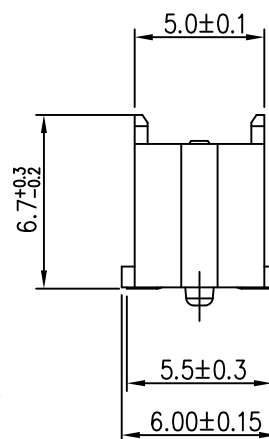
COPLANARITY OF TAIL:  
0.10 MAX. APPLIED TO 2X20 TO 2X70 POS  
0.13 MAX. APPLIED TO 2X80 TO 2X100 POS

DETAIL C  
SCALE 10:1

DATE CODE: XXXXXX

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

DETAIL CC



SEE DETAIL CC

PLUG 3

dr	Jim Meng	2015-07-15	projection	mm	size	A3	scale	3:1
eng	Jim Meng	2015-07-15			ecn no			
chr					rel level			
appr	Tim Yao	2015-07-15	product family	Bergstak				RELEASE
FCi		title			BERGSTAK 0.8mm BTB		10134990	
www.fci.com		cat. no.			Product - Customer drw		sheet 4 of 6	
					dwg no		rev	
							A	

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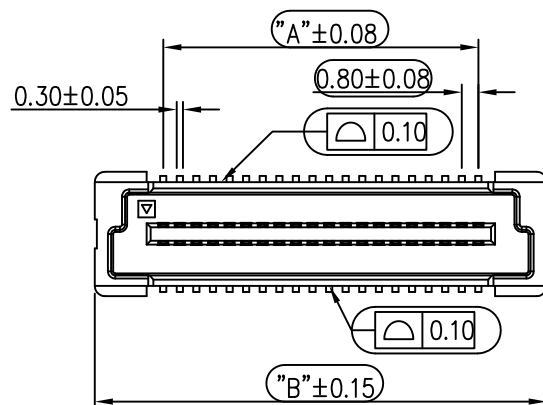
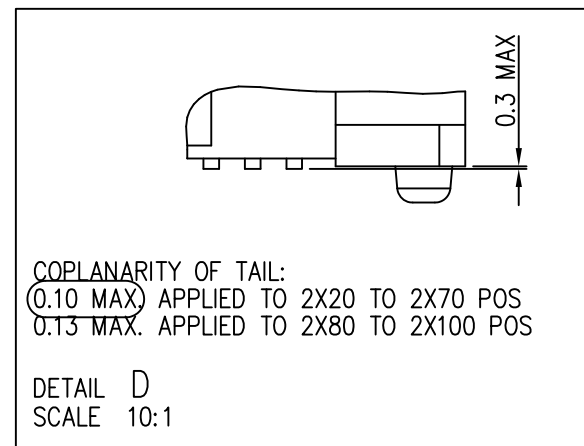
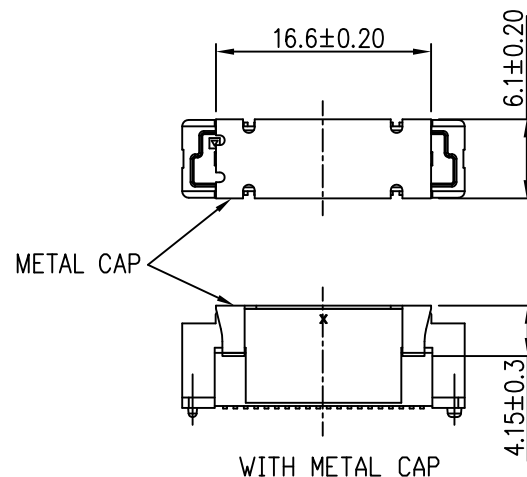
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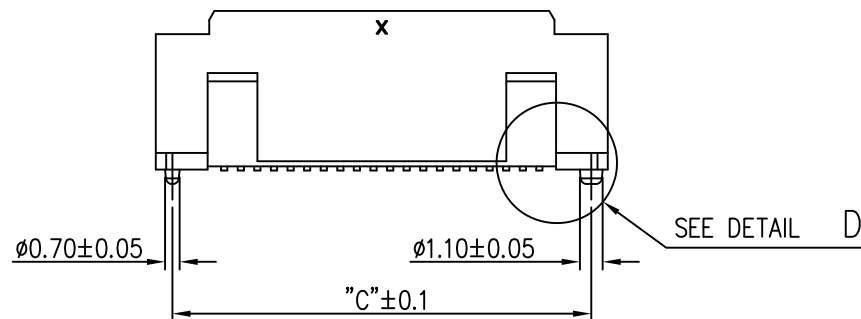
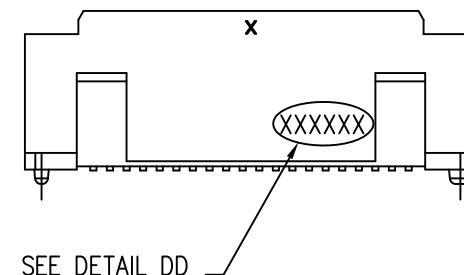
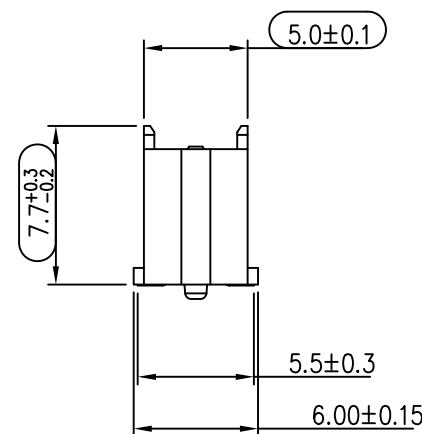
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10134990-044***	2X20	15.2	21.8	20.2
10134990-064***	2X30	23.2	29.8	28.2
10134990-084***	2X40	31.2	37.8	36.2
10134990-104***	2X50	39.2	45.8	44.2
10134990-124***	2X60	47.2	53.8	52.2
10134990-144***	2X70	55.2	61.8	60.2
10134990-164***	2X80	63.2	69.8	68.2
10134990-184***	2X90	71.2	77.8	76.2
10134990-204***	2X100	79.2	85.8	84.2



DATE CODE: XXXXXX

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

DETAIL DD



PLUG 4

dr	Jim Meng	2015-07-15	projection	mm	size	A3	scale	3:1
eng	Jim Meng	2015-07-15			ecr no			
chr					rel level			
appr	Tim Yao	2015-07-15	product family	Bergstak				RELEASE
FCi		title			BERGSTAK 0.8mm BTB		10134990	
www.fci.com		cat. no.			Product - Customer drw		sheet 5 of 6	
					rev		A	

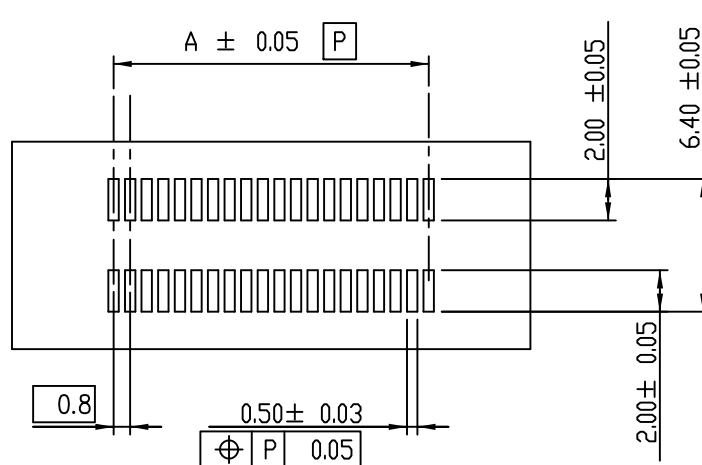
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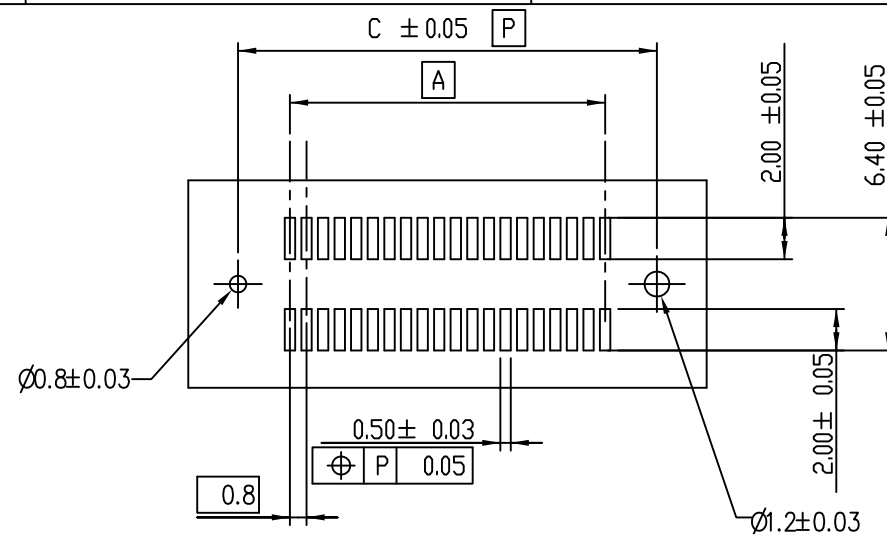
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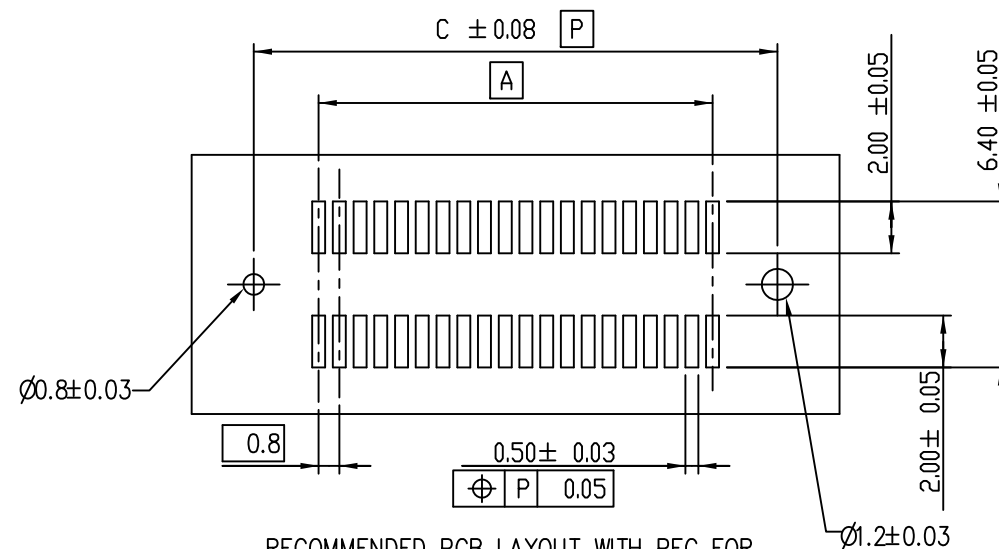
FOR PLUG 1/2/3/4






RECOMMENDED PCB LAYOUT WITHOUT PEG AND HOLDDOWN FOR  
NO. OF POS 2X20, 2X30, 2X40, 2X50 2X60



RECOMMENDED PCB LAYOUT WITH PEG FOR  
NO. OF POS 2X20, 2X30, 2X40, 2X50 2X60



RECOMMENDED PCB LAYOUT WITH PEG FOR  
NO. OF POS 2X70, 2X80, 2X90, 2X100

dr	Jim Meng	2015-07-15	projection		mm	size	A3	scale	3:1
eng	Jim Meng	2015-07-15				ecn no			
chr						rel level	RELEASE		
appr	Tim Yao	2015-07-15	product family	Bergstak	-				
	title	BERGSTAK 0.8mm BTB			dwg no	10134990		rev	A
		PLUG ASSY							
www.fci.com	cat. no.	-	Product - Customer drw				sheet 6 of 6		