



Copyright FCI

A

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A

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D

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61083-AA B C D E G FF

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

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

D	FEATURE	HOLD DOWN
0	YES	NO
2	NO	NO

NOTE:

1. MATERIAL:
HOUSING: G.F. LCP, UL94-V0
TERMINAL: BRASS
2. PLATING:
AS SHOWN IN TABLE.
3. SEE GS-12-547 FOR PRODUCT SPEC.
4. SEE GS-14-551 AND GS-14-816 FOR PACKAGING SPEC.
5. PACKAGING OPTION 2: NOT ALL SIZES ARE AVAILABLE. CHECK WITH FACTORY.
6. THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
7. THE HOUSING WILL WITHSTAND EXPOSURE UP TO 260° PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
8. PLATING OPTION "4" IS LEADFREE ALTERNATIVE FOR OPTION "0", AND OPTION "6" IS LEADFREE ALTERNATIVE FOR OPTION "1".
9. HIGH PRECISION COPLANARITY IS AVAILABLE FOR 2X80 TO 2X100 POS, ALL HEIGHTS. PLS REFER TO PRINT 10069525.
10. THE P/N 61083-***** OR 61083-*****LF NOT PRINT DATE CODE.
THE P/N 61083-*****P OR 61083-*****PLF NEED PRINT DATE CODE.

C	PLATING	FF
0	GOLD 0.2um MIN. / TIN LEAD NICKEL UNDERPLATE OVERALL 1.27um MIN	NONE
1	GOLD FLASH (0.1um MIN) OVER PALLADIUM-NICKEL 0.76um MIN / TIN LEAD NICKEL UNDERPLATE OVERALL 1.27um.	NONE
4	GOLD 0.2um MIN / PURE MATT TIN NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF (NOTE 6 & 8)
5	GOLD 0.38um MIN / MATT PURE TIN NICKEL UNDERPLATE OVERALL 1.27UM MIN (LEADFREE PLATING)	LF (NOTE 6 & 8)
6	GOLD FLASH (0.1um MIN) OVER PALLADIUM-NICKEL 0.76um MIN / PURE MATT TIN NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF (NOTE 6 & 8)

spec ref				dr		MAGGIE WU		1999-03-24		projection		mm		size		A3		scale		3:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		YU WEN CHU		1999-03-24						ecn no									
						chr		M CHEONG		2011-10-20															
						appr		CH TAN		2011-10-20															
										product family		Bergstak		-		rel level		RELEASE							
surface				linear				title		BERGSTAK 0.8mm BTB PLUG ASSY				dwg no		61083				rev		AP			
				0.X																				±0.2	
				0.XX																				±0.15	
				0.XXX		±0.10																			
		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer drw				sheet 1 of 6							

Proj/E File - REV C - 2008-05-09

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PDS: Rev :AF

STATUS:Released

Printed: Mar 14, 2013

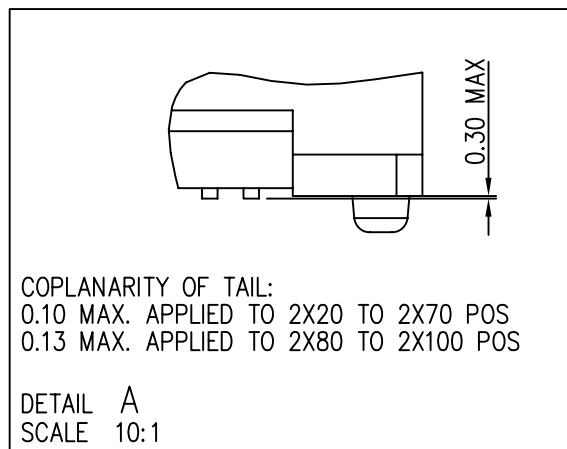
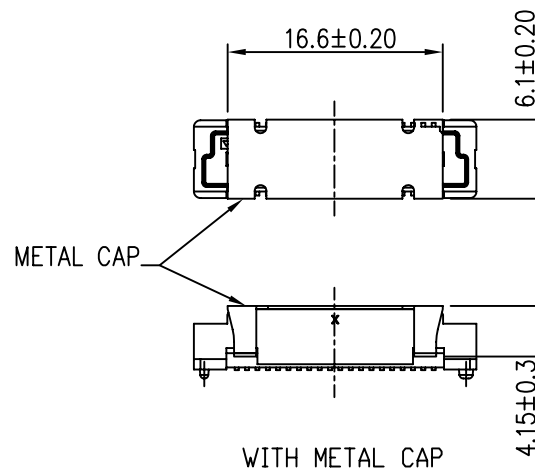
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PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
61083-041***	2X20	15.2	21.8	20.2
61083-061***	2X30	23.2	29.8	28.2
61083-081***	2X40	31.2	37.8	36.2
61083-101***	2X50	39.2	45.8	44.2
61083-121***	2X60	47.2	53.8	52.2
61083-141***	2X70	55.2	61.8	60.2
61083-161***	2X80	63.2	69.8	68.2
61083-181***	2X90	71.2	77.8	76.2
61083-201***	2X100	79.2	85.8	84.2

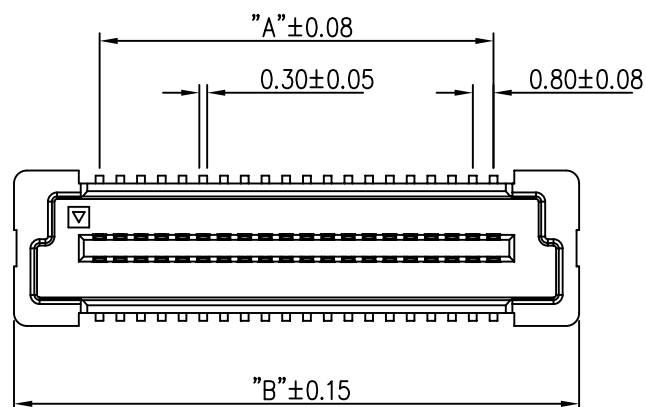


A

A

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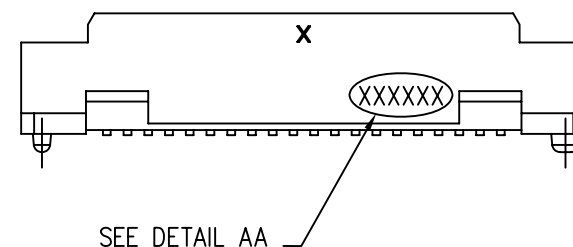
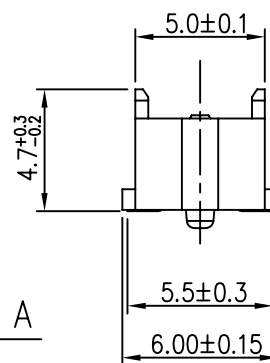
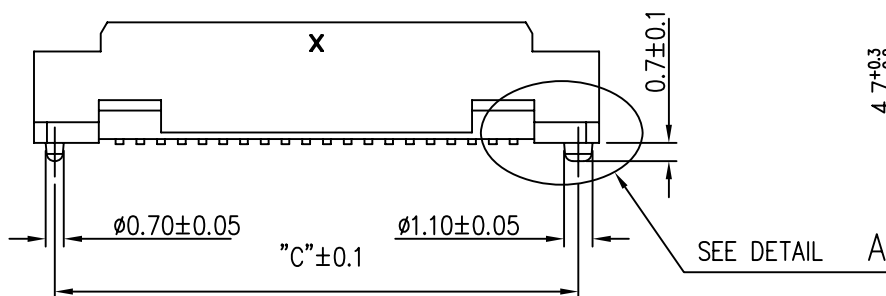
DATE CODE: XXXXXX

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

DETAIL AA

C

C



PLUG 1

dr	MAGGIE WU	1999-03-24	projection		mm		size	A3	scale	3:1	
eng	YU WEN CHU	1999-03-24	product family				Bergstak	-	ecn no	RELEASE	
chr	M CHEONG	2011-10-20									
appr	CH TAN	2011-10-20		rel level							
		title			BERGSTAK 0.8mm BTB PLUG ASSY		dwg no		61083	rev	AP
www.fci.com		cat. no.	-	Product - Customer drw					sheet 2 of 6		

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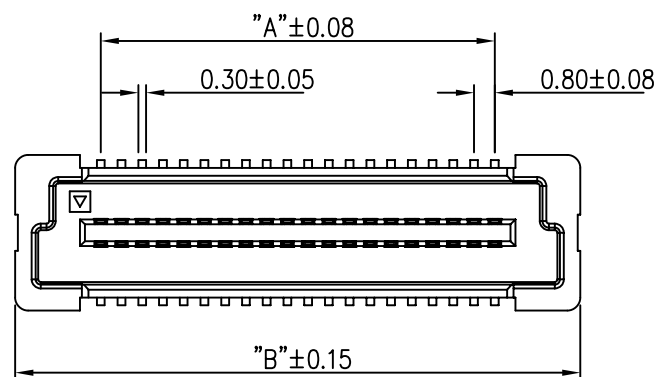
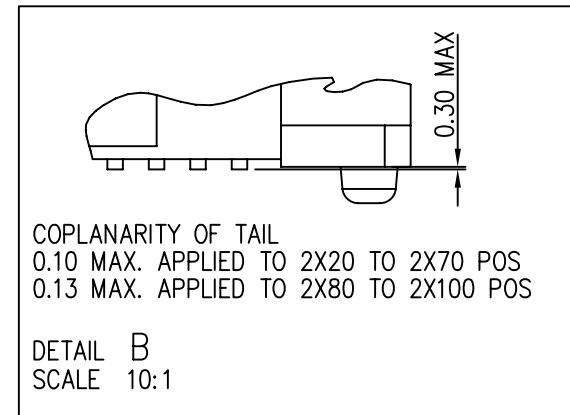
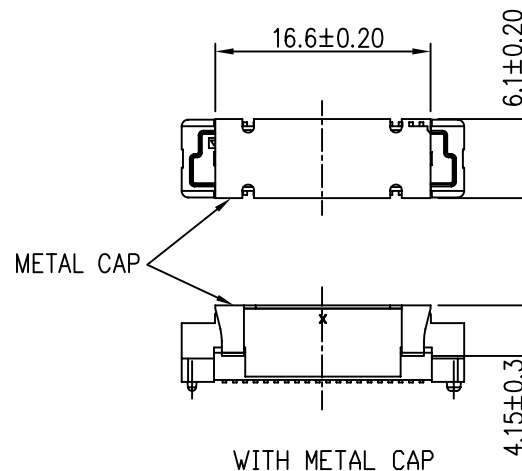
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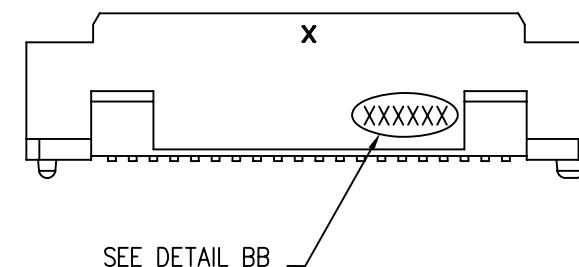
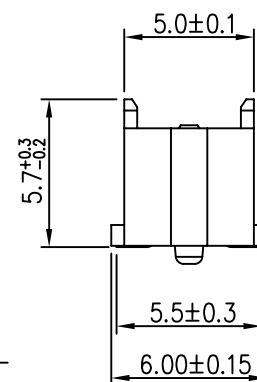
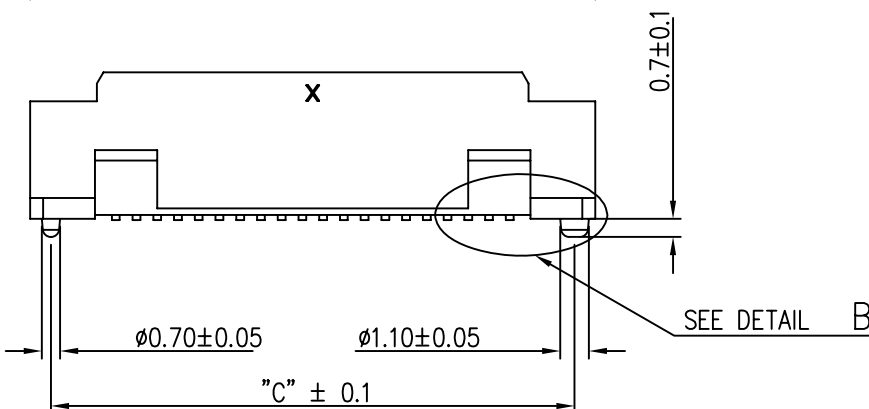
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
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61083-062***	2X30	23.2	29.8	28.2
61083-082***	2X40	31.2	37.8	36.2
61083-102***	2X50	39.2	45.8	44.2
61083-122***	2X60	47.2	53.8	52.2
61083-142***	2X70	55.2	61.8	60.2
61083-162***	2X80	63.2	69.8	68.2
61083-182***	2X90	71.2	77.8	76.2
61083-202***	2X100	79.2	85.8	84.2



DATE CODE: XXXXXX

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

DETAIL BB



PLUG 2

dr	MAGGIE WU	1999-03-24	projection	mm	size	A3	scale	3:1
eng	YU WEN CHU	1999-03-24			ecn no			
chr	M CHEONG	2011-10-20			rel level			
appr	CH TAN	2011-10-20	product family	Bergstak				RELEASE
FCi		title			BERGSTAK 0.8mm BTB		rev	
www.fci.com		cat. no.			61083		AF	
		Product - Customer drw			sheet 3 of 6			

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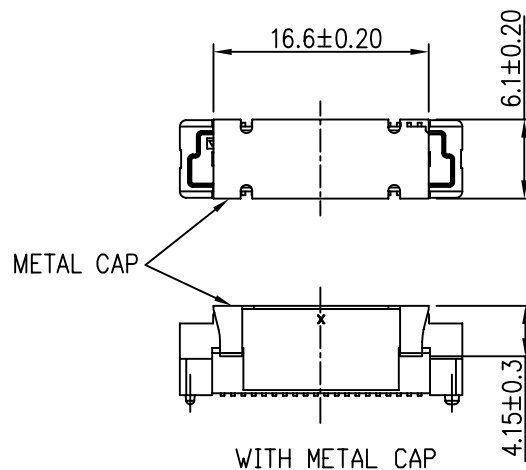
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PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
61083-043***	2X20	15.2	21.8	20.2
61083-063***	2X30	23.2	29.8	28.2
61083-083***	2X40	31.2	37.8	36.2
61083-103***	2X50	39.2	45.8	44.2
61083-123***	2X60	47.2	53.8	52.2
61083-143***	2X70	55.2	61.8	60.2
61083-163***	2X80	63.2	69.8	68.2
61083-183***	2X90	71.2	77.8	76.2
61083-203***	2X100	79.2	85.8	84.2



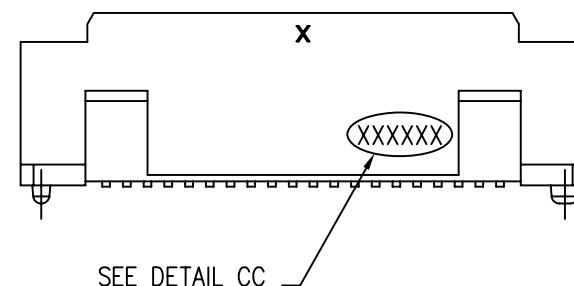
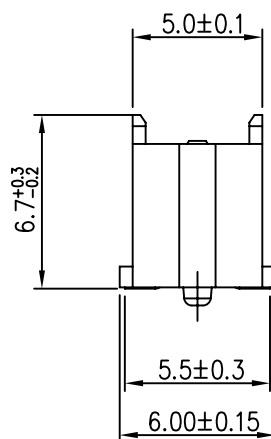
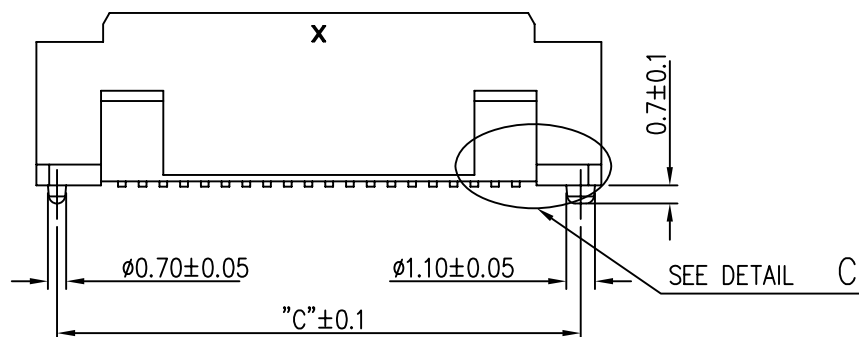
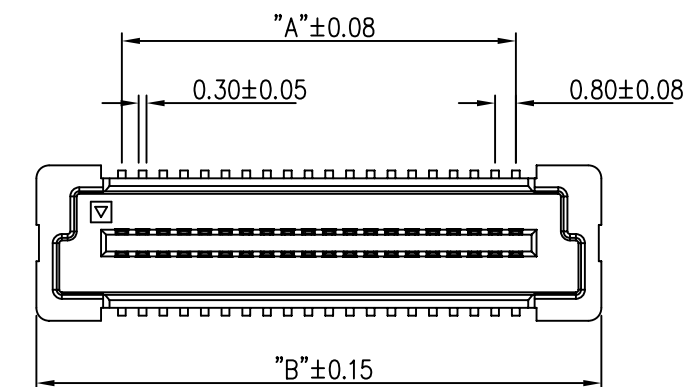
COPLANARITY OF TAIL:
0.10 MAX. APPLIED TO 2X20 TO 2X70 POS
0.13 MAX. APPLIED TO 2X80 TO 2X100 POS

DETAIL C
SCALE 10:1

DATE CODE: XXXXXX

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

DETAIL CC



PLUG 3

dr	MAGGIE WU	1999-03-24	projection	mm	size	A3	scale	3:1
eng	YU WEN CHU	1999-03-24			ecn no			
chr	M CHEONG	2011-10-20			rel level			
appr	CH TAN	2011-10-20	product family	Bergstak				RELEASE
FCi		title			BERGSTAK 0.8mm BTB		rev	
www.fci.com		cat. no.			61083		AF	
		Product - Customer drw			sheet 4 of 6			

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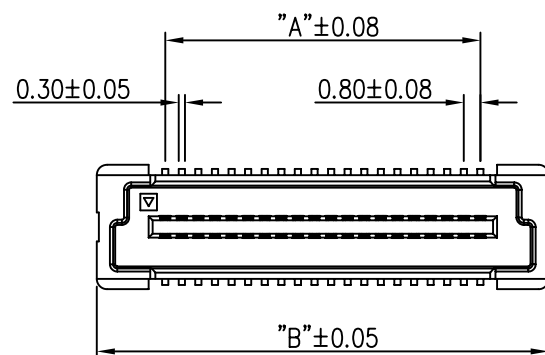
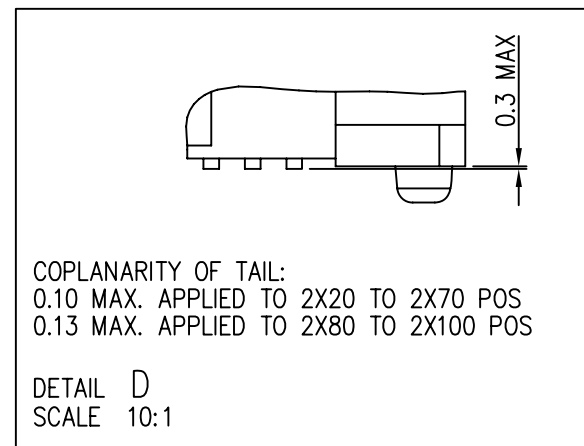
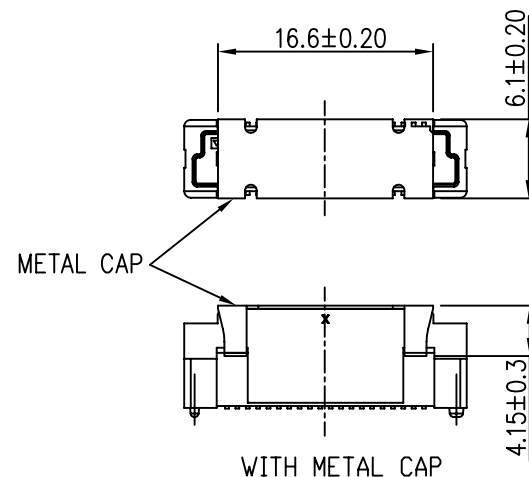
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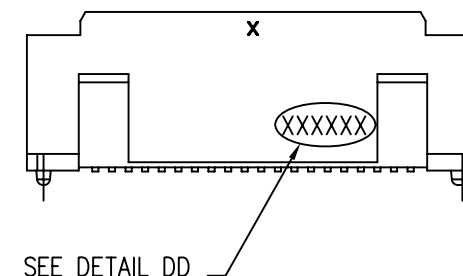
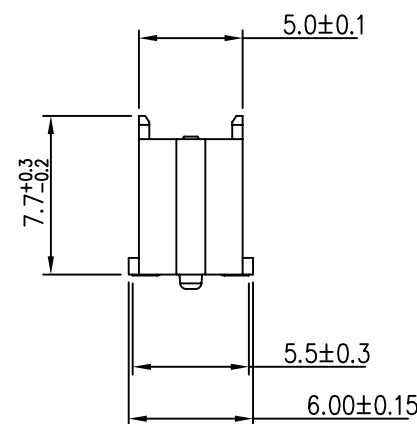
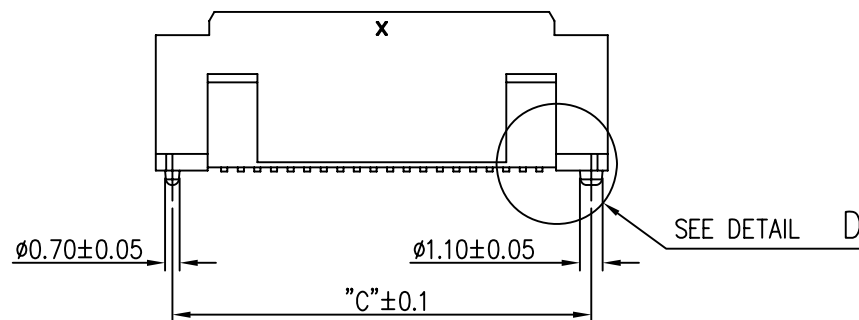
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
61083-044***	2X20	15.2	21.8	20.2
61083-064***	2X30	23.2	29.8	28.2
61083-084***	2X40	31.2	37.8	36.2
61083-104***	2X50	39.2	45.8	44.2
61083-124***	2X60	47.2	53.8	52.2
61083-144***	2X70	55.2	61.8	60.2
61083-164***	2X80	63.2	69.8	68.2
61083-184***	2X90	71.2	77.8	76.2
61083-204***	2X100	79.2	85.8	84.2



DATE CODE: XXXXXX

DAY<01~31>
MONTH<01~12>
YEAR<00~99>

DETAIL DD



PLUG 4

dr	MAGGIE WU	1999-03-24	projection	mm	size	A3	scale	3:1
eng	YU WEN CHU	1999-03-24			ecn no			
chr	M CHEONG	2011-10-20			rel level			
appr	CH TAN	2011-10-20	product family	Bergstak				RELEASE
FCi title BERGSTAK 0.8mm BTB					dwg no	61083	rev	AF
www.fci.com cat. no.					Product - Customer drw			sheet 5 of 6

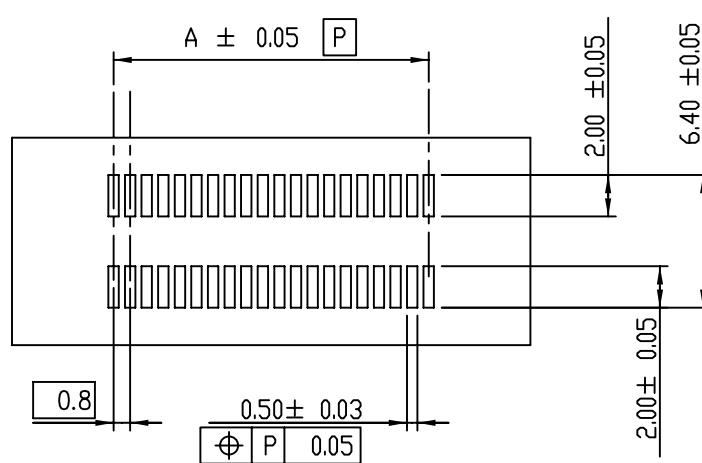
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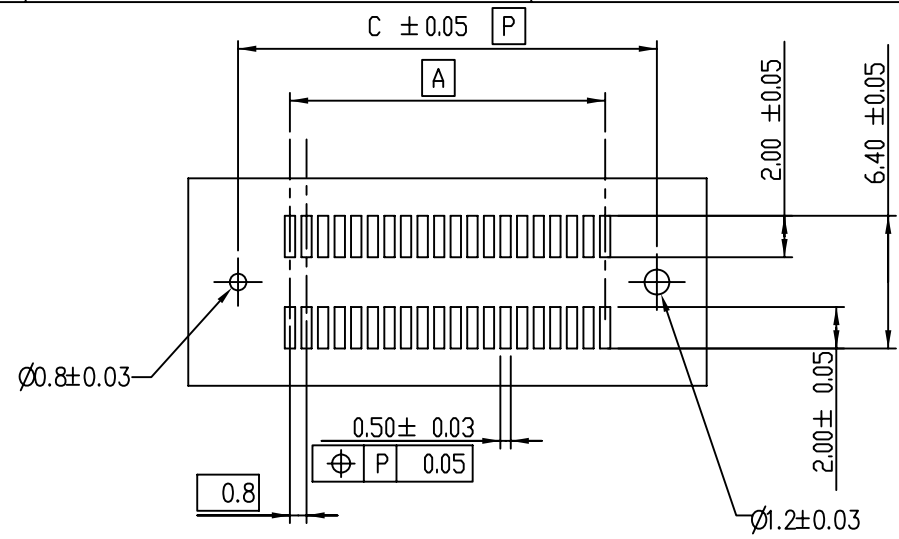
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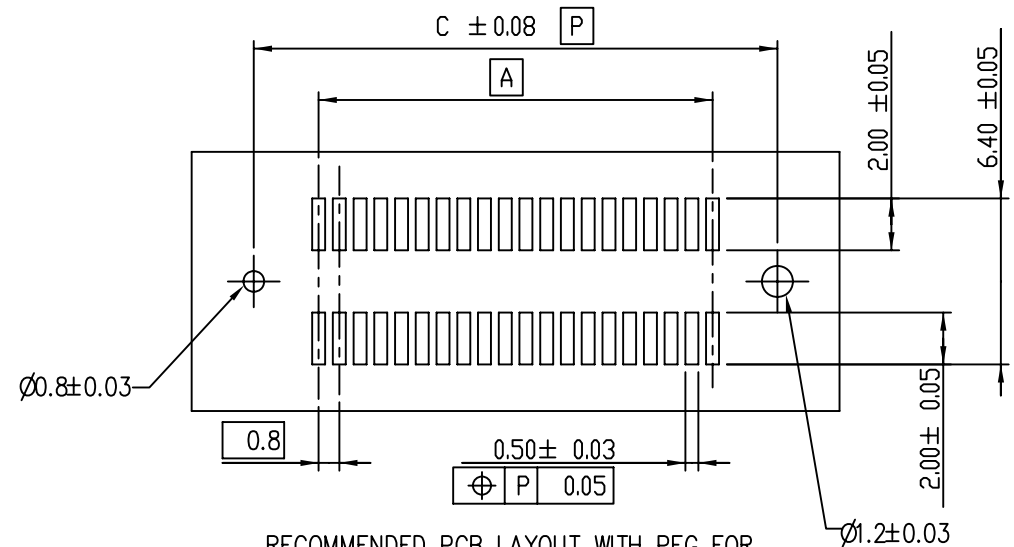
FOR PLUG 1/2/3/4



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	MAGGIE WU	1999-03-24	projection	mm	size	A3	scale	3:1
eng	YU WEN CHU	1999-03-24			ecn no			
chr	M CHEONG	2011-10-20			rel level			
appr	CH TAN	2011-10-20	product family	Bergstak				RELEASE
FCi			BERGSTAK 0.8mm BTB			61083		
www.fci.com			cat. no.			rev		
			-			AF		
			Product - Customer drw			sheet 6 of 6		