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10137305- 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

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

D	FEATURE
0	YES
2	NO

NOTE:

- MATERIAL:
HOUSING: G.F. LCP, UL94-V0
TERMINAL: BRASS
METAL CAP: STAINLESS STEEL
- 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.
- THE P/N 10137305-***** OR 10137305-*****LF NOT PRINT DATE CODE.
THE P/N 10137305-*****P OR 10137305-*****PLF NEED PRINT DATE CODE.
- KAPTON TAPE ONLY APPLY TO POSITION 2X20.

C	PLATING: CONTACT AREA / SOLDER TAIL AREA	FF
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



Copyright FCI.

spec ref				dr Eric Huang		2015-10-15		projection		mm		size A3		scale 3:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Eric Huang		2015-10-15							
						chr									
						appr Tim Yao		2015-10-15				product family Bergstak		- rel level NEW RELEASE	
surface		linear		0.X		±0.2				title BERGSTAK 0.8mm BTB PLUG ASSY		dwg no 10137305		rev A	
				0.XX		±0.15									
				0.XXX		±0.10									
		angular		0°		±2°		www.fci.com		cat. no. -		Product - Customer drw			

Proj/E File - REV C - 2010-06-09

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PDS: Rev :A

STATUS:Released

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Printed: Dec 17, 2015

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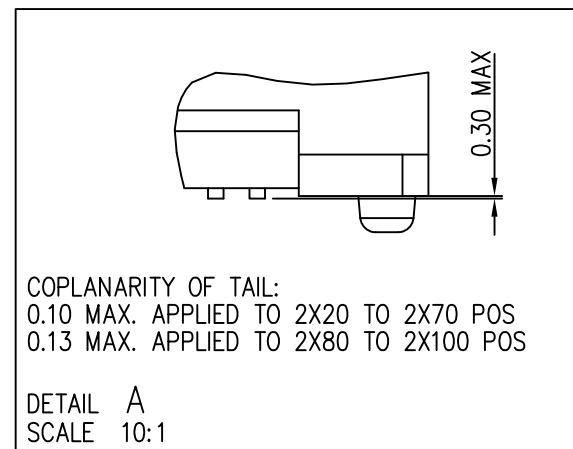
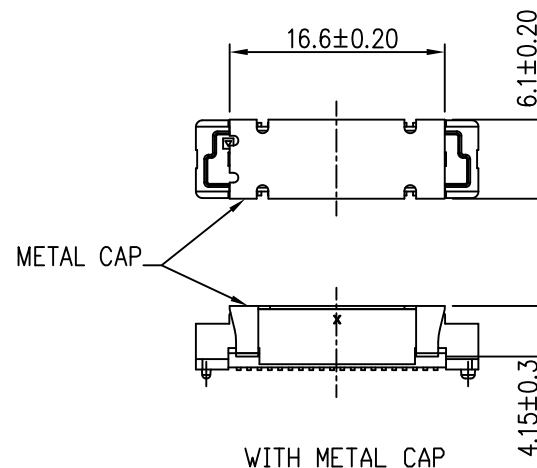
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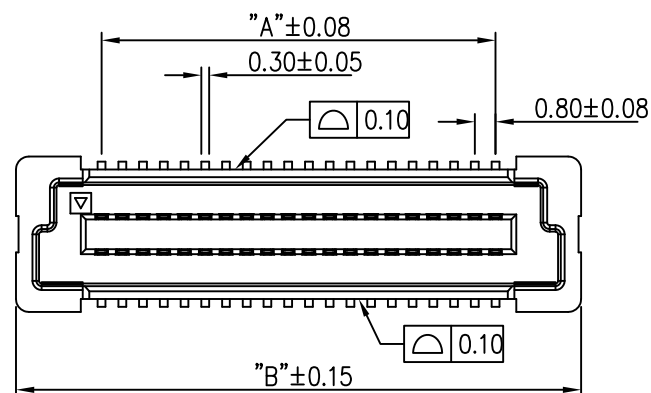
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4

PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10137305-042***	2X20	15.2	21.8	20.2
10137305-062***	2X30	23.2	29.8	28.2
10137305-082***	2X40	31.2	37.8	36.2
10137305-102***	2X50	39.2	45.8	44.2
10137305-122***	2X60	47.2	53.8	52.2
10137305-142***	2X70	55.2	61.8	60.2
10137305-162***	2X80	63.2	69.8	68.2
10137305-182***	2X90	71.2	77.8	76.2
10137305-202***	2X100	79.2	85.8	84.2



B

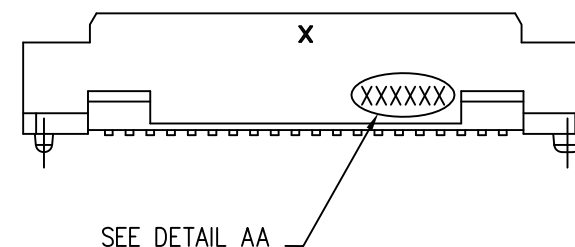
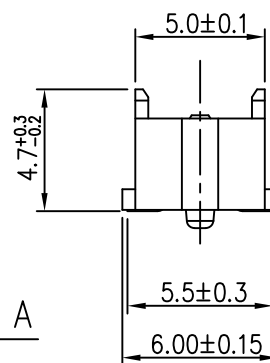
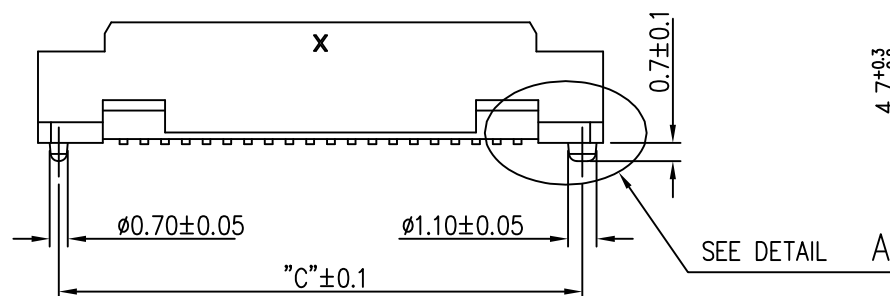


DATE CODE: XXXXXX

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

DETAIL AA

C



PLUG 1

dr	Eric Huang	2015-10-15	projection 	mm 	size	A3	scale	3:1		
eng	Eric Huang	2015-10-15			ecn no					
chr										
appr	Tim Yao	2015-10-15	product family	Bergstak	-	rel level	NEW RELEASE			
			title		BERGSTAK 0.8mm BTB PLUG ASSY		dwg no	10137305	rev	A
www.fci.com			cat. no.	-	Product - Customer drw			sheet 2 of 6		

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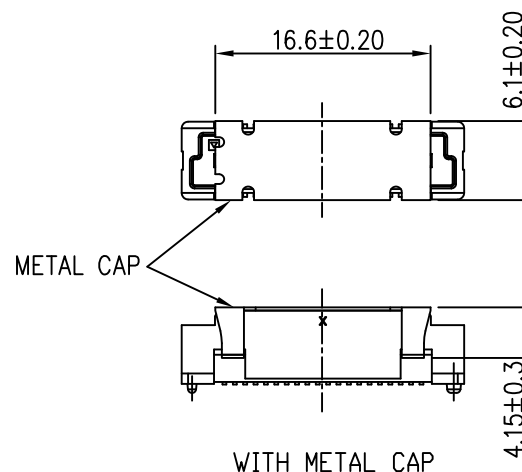
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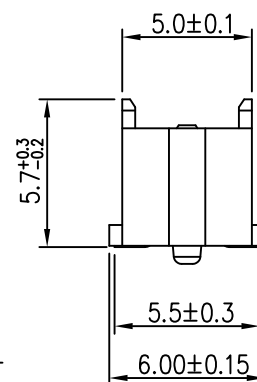
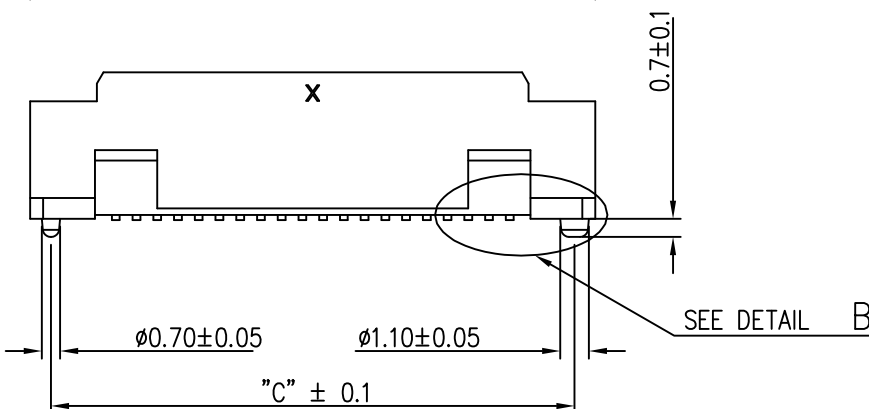
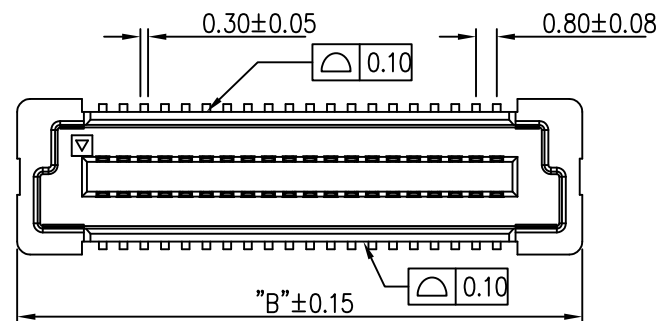
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PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10137305-042***	2X20	15.2	21.8	20.2
10137305-062***	2X30	23.2	29.8	28.2
10137305-082***	2X40	31.2	37.8	36.2
10137305-102***	2X50	39.2	45.8	44.2
10137305-122***	2X60	47.2	53.8	52.2
10137305-142***	2X70	55.2	61.8	60.2
10137305-162***	2X80	63.2	69.8	68.2
10137305-182***	2X90	71.2	77.8	76.2
10137305-202***	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

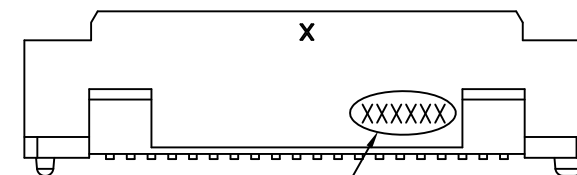
DETAIL B
SCALE 10:1



DATE CODE: XXXXXX

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

DETAIL BB



SEE DETAIL BB

PLUG 2

dr	Eric Huang	2015-10-15	projection	mm	size	A3	scale	3:1
eng	Eric Huang	2015-10-15			ecn no			
chr					rel level			
appr	Tim Yao	2015-10-15	product family	Bergstak				RELEASE
FCi		title			10137305		rev	
www.fci.com		cat. no.			Product - Customer drw		sheet 3 of 6	
		BERGSTAK 0.8mm BTB					A	
		PLUG ASSY						

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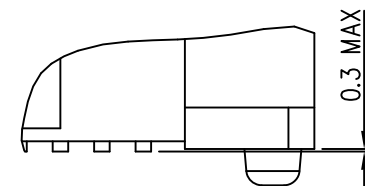
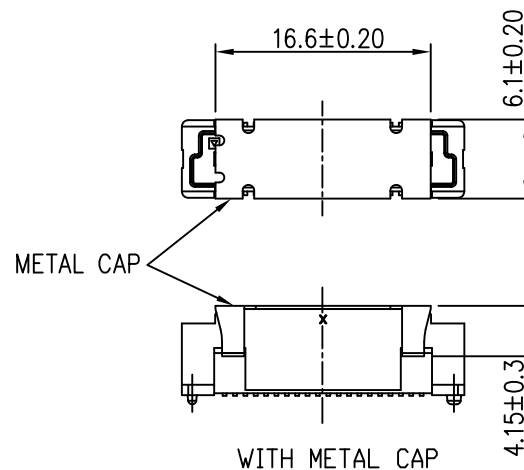
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PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10137305-042***	2X20	15.2	21.8	20.2
10137305-062***	2X30	23.2	29.8	28.2
10137305-082***	2X40	31.2	37.8	36.2
10137305-102***	2X50	39.2	45.8	44.2
10137305-122***	2X60	47.2	53.8	52.2
10137305-142***	2X70	55.2	61.8	60.2
10137305-162***	2X80	63.2	69.8	68.2
10137305-182***	2X90	71.2	77.8	76.2
10137305-202***	2X100	79.2	85.8	84.2



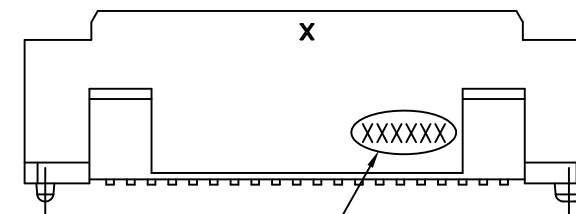
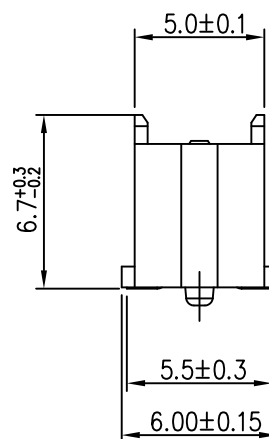
COPLANARITY OF TAIL:
0.10 MAX. APPLIED TO 2X20 TO 2X70
POS
0.13 MAX. APPLIED TO 2X80 TO 2X100
POS

DETAIL C
SCALE 10:1

DATE CODE: XXXXXX

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

DETAIL CC



SEE DETAIL CC

PLUG 3

dr	Eric Huang	2015-10-15	projection	mm	size	A3	scale	3:1
eng	Eric Huang	2015-10-15			ecn no			
chr					rel level			
appr	Tim Yao	2015-10-15	product family	Bergstak			RELEASE	
FCi		title			BERGSTAK 0.8mm BTB		10137305	
www.fci.com		cat. no.			Product - Customer drw		sheet 4 of 6	
					dwg no		rev	
							A	

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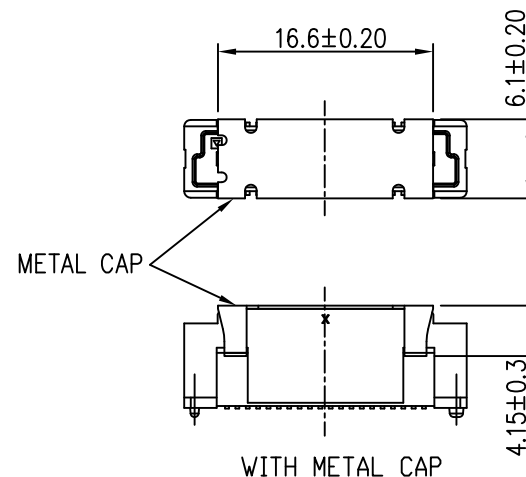
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PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10137305-042***	2X20	15.2	21.8	20.2
10137305-062***	2X30	23.2	29.8	28.2
10137305-082***	2X40	31.2	37.8	36.2
10137305-102***	2X50	39.2	45.8	44.2
10137305-122***	2X60	47.2	53.8	52.2
10137305-142***	2X70	55.2	61.8	60.2
10137305-162***	2X80	63.2	69.8	68.2
10137305-182***	2X90	71.2	77.8	76.2
10137305-202***	2X100	79.2	85.8	84.2



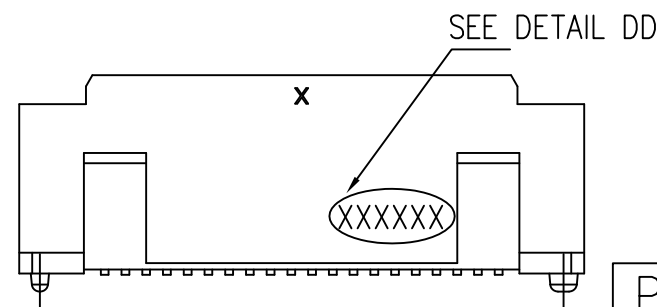
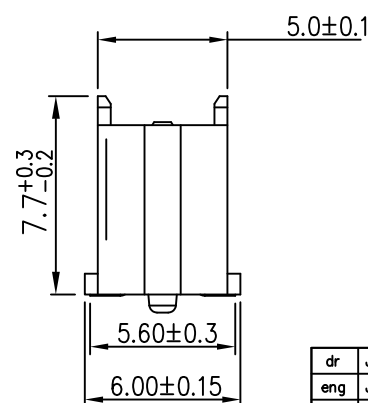
COPLANARITY OF TAIL:
 0.10 MAX. APPLIED TO 2X20 TO 2X70 POS
 0.13 MAX. APPLIED TO 2X80 TO 2X100 POS

DETAIL D
 SCALE 10:1

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			ecn no			
chr					rel level			
appr	Tim Yao	2015-07-15	product family	Bergstak			RELEASE	
FCi title BERGSTAK 0.8mm BTB PLUG ASSY					dwg no	10137305	rev	A
www.fci.com cat. no.					Product - Customer drw			sheet 5 of 6

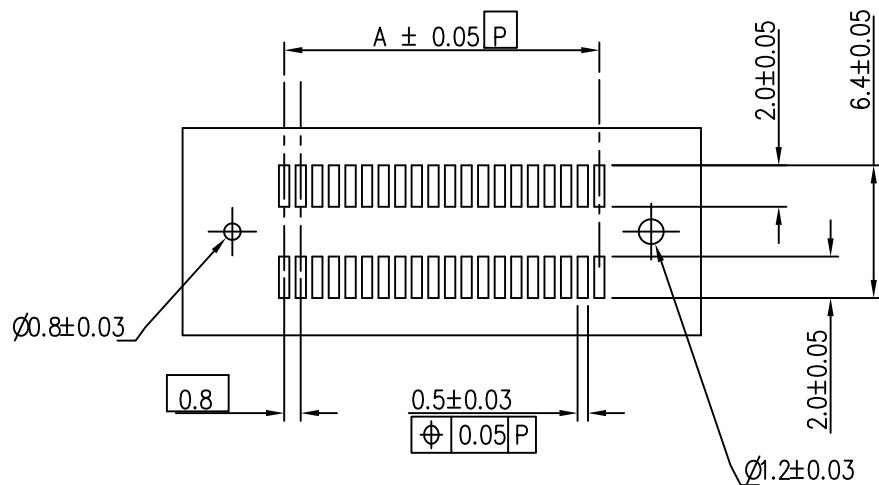
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FOR PLUG 1/2/3/4



RECOMMENDED PCB LAYOUT



Copyright FCI.

dr	Eric Huang	2015-10-15	projection 	mm 	size	A3	scale	3:1			
eng	Eric Huang	2015-10-15			ecn no						
chr											
appr	Tim Yao	2015-10-15	product family	Bergstak	-	rel level	RELEASE				
			title		BERGSTAK 0.8mm BTB PLUG ASSY		dwg no		10137305	rev	A
www.fci.com		cat. no.	-	Product - Customer drw				sheet 6 of 6			