

61082-□□□□□

NUMBER OF POSITIONS	
04	2 X20
06	2 X30
08	2 X40
10	2 X50
12	2 X60
14	2 X70
16	2 X80
18	2 X90
20	2 X100

FOR PLUG, SEE DWG. NO. 61083				
COMBINATION OF MATED HEIGHT	1	2	3	4
1				
2				
3				

REMARK : SEE SHEET 3
 FOR BOARD-IN APPLICATION USE.

PACKAGING	
0	TUBE
1	TAPE & REEL WITHOUT CAP
2	TAPE & REEL WITH CAP
9	TUBE WITH CAP

POLARIZATION PEG		HOLD DOWN
0	YES	NO
2	NO	NO
4	YES	YES

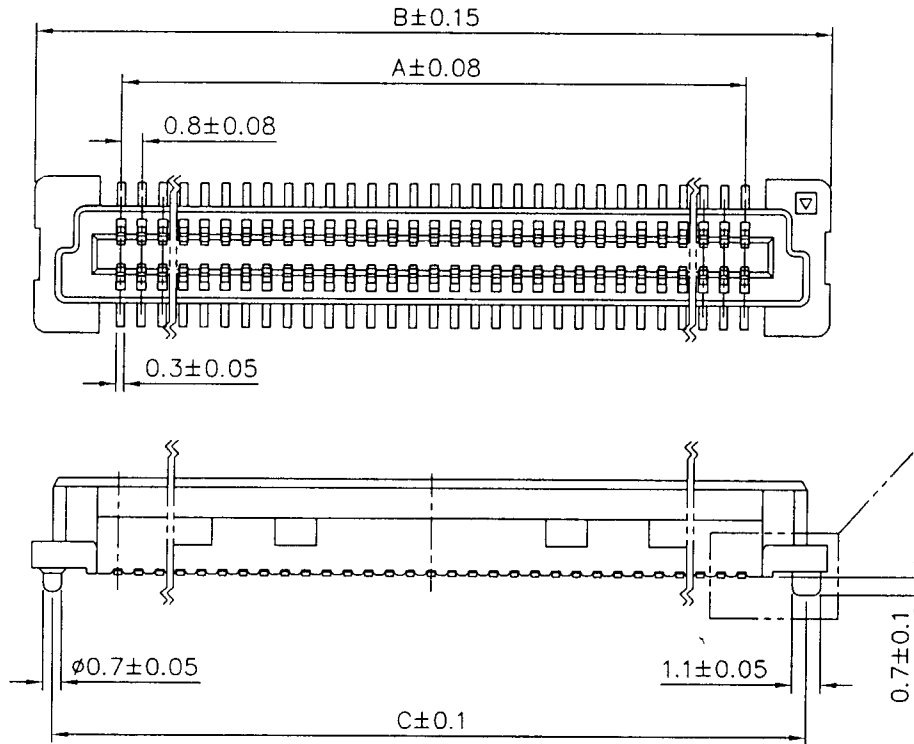
PLATING ON CONTACT AREA	
0	GOLD 0.2 μm MIN.
1	PALLADIUM-NICKEL 0.76 μm MIN. WITH GOLD FLASH

NOTES:

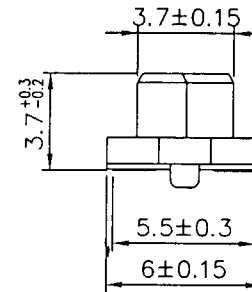
1. MATERIAL
 HOUSING: G.F.LCP UL94V-0
 TERMINAL: BERYLLIUM COPPER.
2. PLATING
 SEE COLUMN ON CONTACT AREA.
 SOLDER : 1.5 μm MIN. ON TAIL
3. SEE NO. 110-327 FOR PRODUCT SPECIFICATION.
4. SEE GES-14-551 FOR PACKAGING SPECIFICATION.

mat'l code				tolerance unless otherwise specified		CUSTOMER COPY	FCI Electronics www.fciconnect.com		
rev.	ecn	no.	dr	date	linear	.0 ±	projection	title	0.8mm BOARD TO BOARD RECEPTACLE ASS'Y
B	J60189	N.Y	08/28/98		.00 ±			product family	BERGST4K
C	J70053	N.Y	02/28/97		.000 ±			size	dwg no.
D	J80347	N.Y	08/31/98		angles	±		scale	5 : 1
E	J80456	N.Y	11/18/98	dr	MAGGIE WU	03/26/99	unit	mm/inch	
F	J90067	N.Y	02/25/99	enqr	YU WEN CHU	03/26/99	scale	5 : 1	
G	T00118	M.W	04/18/00	chr	YU WEN CHU	03/26/99	sheet	revision	
H	T00324	M.W	11/06/00	appd	JOSEPH HSA	03/26/99	index	sheet	1 OF 9
sheet	revision	H	H	H	H	H	H	H	H
index	sheet	1	2	3	4	5	6	7	8

PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61082-041***	2 X20	15.2	21.8	20.2
61082-061***	2 X30	23.2	29.8	28.2
61082-081***	2 X40	31.2	37.8	36.2
61082-101***	2 X50	39.2	45.8	44.2
61082-121***	2 X60	47.2	53.8	52.2
61082-141***	2 X70	55.2	61.8	60.2
61082-161***	2 X80	63.2	69.8	68.2
61082-181***	2 X90	71.2	77.8	76.2
61082-201***	2 X100	79.2	85.8	84.2



COPLANARITY OF TAIL:
 0.1 MAX. APPLIED TO 2X20 TO 2X50 POS.
 0.12 MAX. APPLIED TO 2X60 POS.
 0.15 MAX. APPLIED TO 2X70 TO 2X90 POS.
 0.20 MAX. APPLIED TO 2X100 POS.



RECEPTACLE 1

mat'l code				tolerance unless otherwise specified		CUSTOMER COPY		FCI Electronics www.fciconnect.com	
rev.	ecn.	no.	dr	date	linear	.0 ±	projection	title 0.8mm BOARD TO BOARD RECEPTACLE ASS'Y	
H						.00 ±			
					angles	.000 ±		product family BERGSTAK code -	
					dr	MAGGIE WU 03/26/99	unit		
					enrg	YU WEN CHU 03/26/99	mm/inch	size dwg no. 61082 sheet 2 OF	
					chr	YU WEN CHU 03/26/99	scale		
					appd	JOSEPH HSIA 03/26/99	5 : 1		
sheet	revision								
index	sheet								

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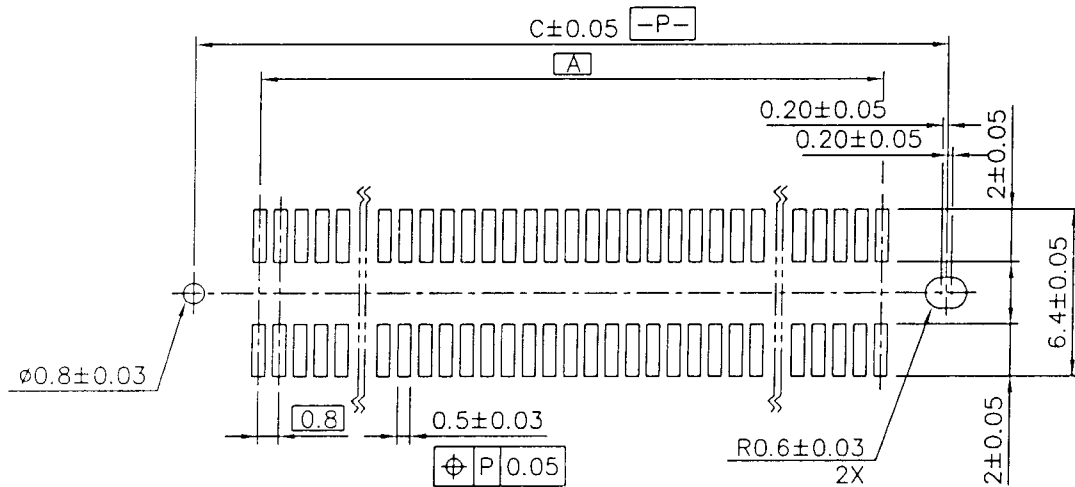


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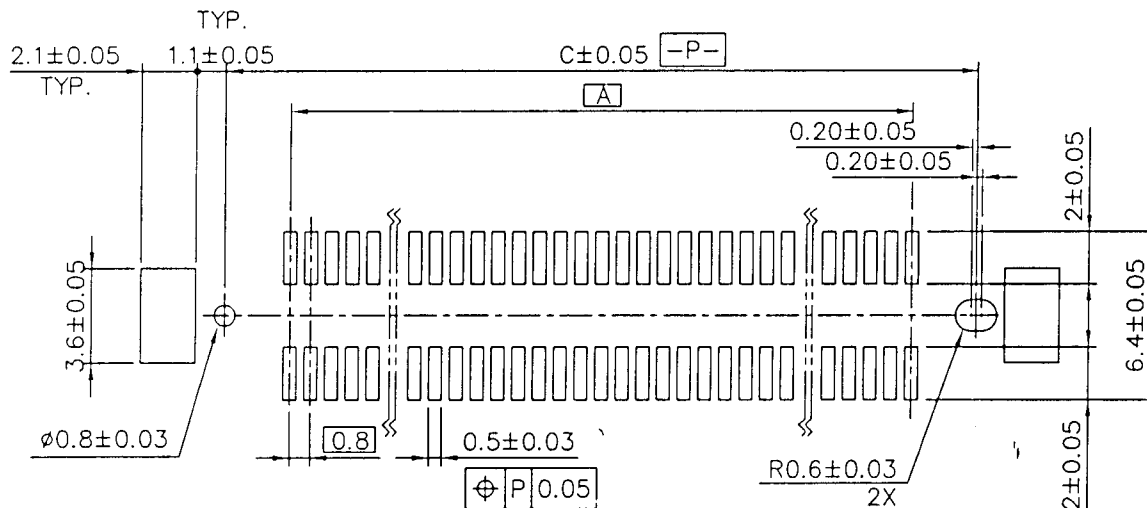
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RECOMMENDED PCB LAYOUT WITH PEG
 FOR NO. OF POS. 2X70, 2X80, 2X90, 2X100

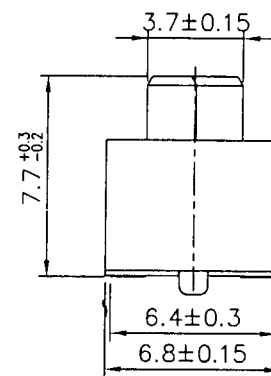
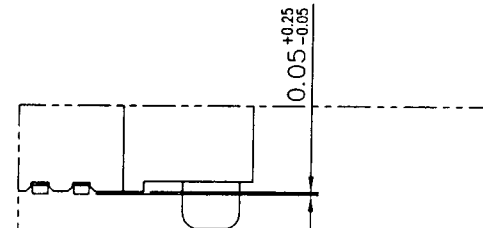
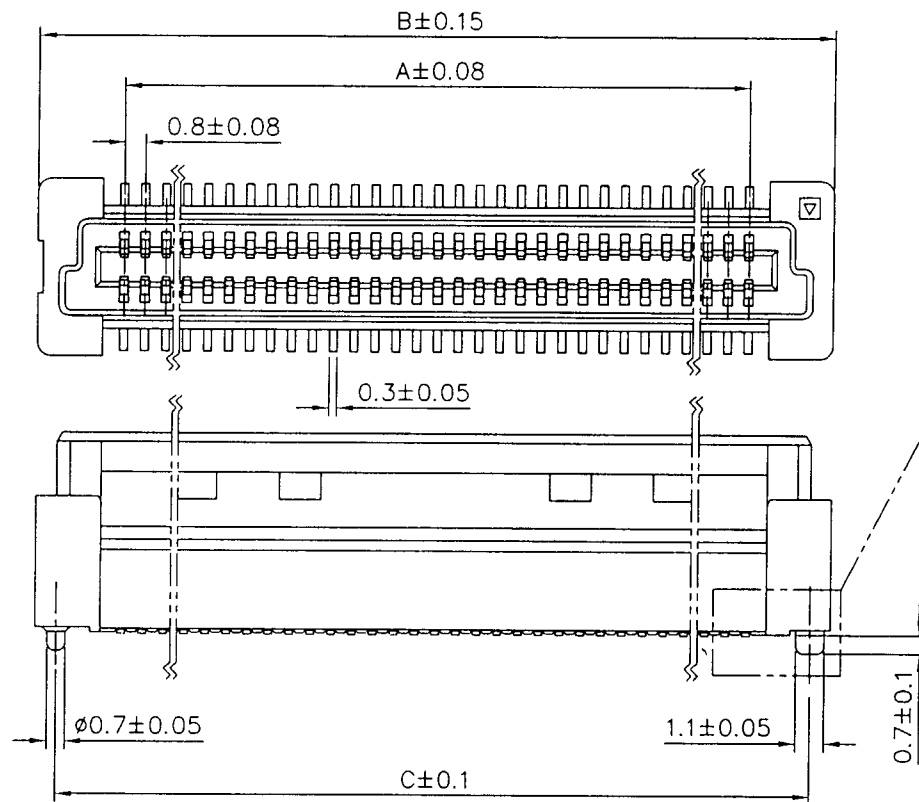


RECOMMENDED PCB LAYOUT WITH PEG AND HOLDOWN
 FOR NO. OF POS. 2X70, 2X80, 2X90, 2X100

FOR RECEPTACLE 1

mat'l code				tolerance unless otherwise specified		CUSTOMER COPY		Electronics www.fciconnect.com	
rev.	ecn	no	dr	date	linear	0 ±	projection	title 0.8mm BOARD TO BOARD RECEPTACLE ASS'Y product family BERGSTAK size A3 scale 5 : 1	
H						.00 ±			
					angles	.000 ±		code - sheet 5 OF	
			dr	MAGGIE WU	03/26/99	unit			
			enqr	YU WEN CHU	03/26/99	mm/inch			
			chr	YU WEN CHU	03/26/99	scale			
			appd	JOSEPH HSIA	03/26/99				
sheet	revision								
index	sheet								

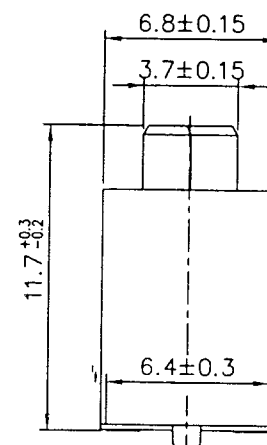
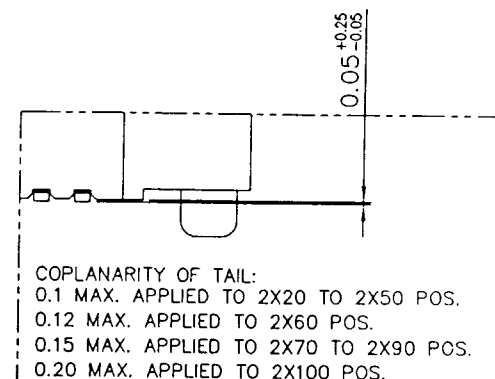
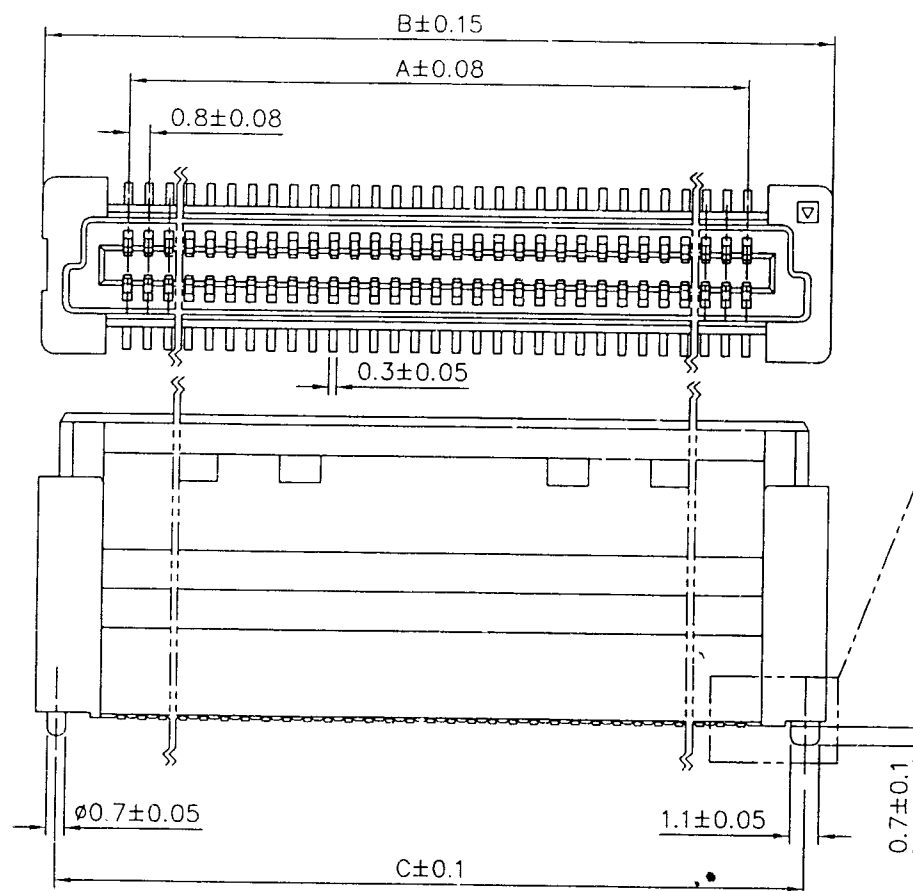
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61082-042***	2 X20	15.2	21.8	20.2
61082-062***	2 X30	23.2	29.8	28.2
61082-082***	2 X40	31.2	37.8	36.2
61082-102***	2 X50	39.2	45.8	44.2
61082-122***	2 X60	47.2	53.8	52.2
61082-142***	2 X70	55.2	61.8	60.2
61082-162***	2 X80	63.2	69.8	68.2
61082-182***	2 X90	71.2	77.8	76.2
61082-202***	2 X100	79.2	85.8	84.2



RECEPTACLE 2

mat'l code				tolerance unless otherwise specified		CUSTOMER COPY		FCI Electronics www.fciconnect.com	
rev.	ecr	no.	dr	date	linear	.0 ±	projection	title 0.8mm BOARD TO BOARD RECEPTACLE ASSY	
H						.00 ±			
					angles	.000 ±		product family BERGSTAK	
					dr	MAGGIE WU 03/26/99	unit	code	
					enqr	YU WEN CHU 03/26/99	mm/inch	-	
					chr	YU WEN CHU 03/26/99	scale	size	
					appd	JOSEPH HSIA 03/26/99	5 : 1	A3	
sheet	revision							dwg no. 61082	
index	sheet							sheet 6 OF	

PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61082-043***	2 X20	15.2	21.8	20.2
61082-063***	2 X30	23.2	29.8	28.2
61082-083***	2 X40	31.2	37.8	36.2
61082-103***	2 X50	39.2	45.8	44.2
61082-123***	2 X60	47.2	53.8	52.2
61082-143***	2 X70	55.2	61.8	60.2
61082-163***	2 X80	63.2	69.8	68.2
61082-183***	2 X90	71.2	77.8	76.2
61082-203***	2 X100	79.2	85.8	84.2

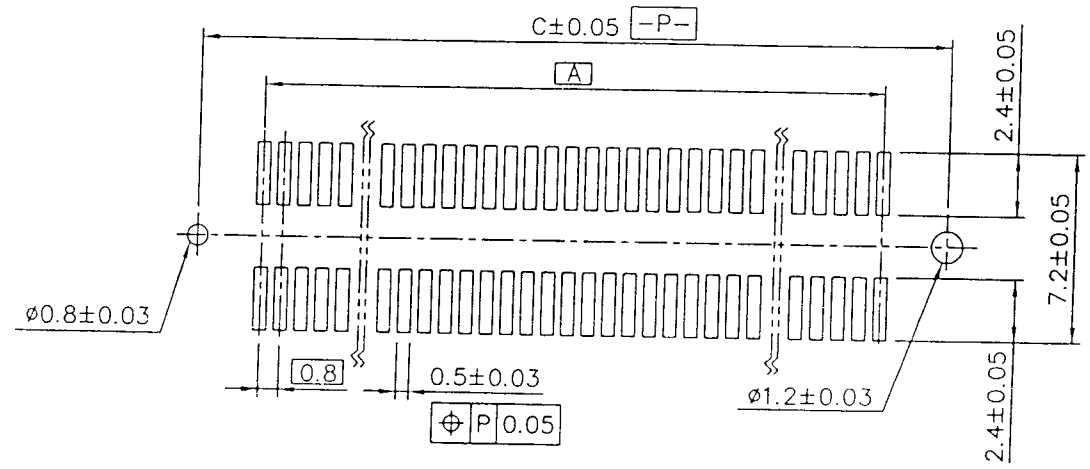


RECEPTACLE 3

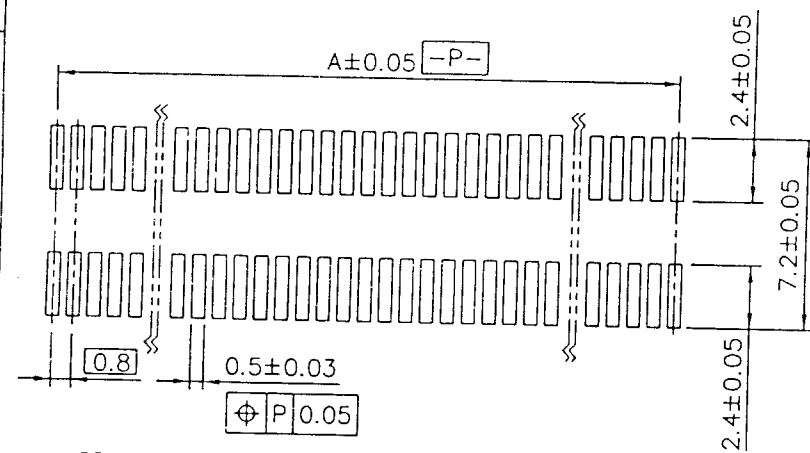
mat'l code				tolerance unless otherwise specified		CUSTOMER COPY		FCI Electronics www.fciconnect.com	
rev.	ecn no.	dr	date	linear	.0 ±	projection		title 0.8mm BOARD TO BOARD RECEPTACLE ASS'Y	
H					.00 ±				
				angles	.000 ±			product family BERGSTAK	
				dr	MAGGIE WU 03/26/99	unit			
				enrg	YU WEN CHU 03/26/99	mm/inch		size dwg no. 61082	
				chr	YU WEN CHU 03/26/99	scale			
				appd	JOSEPH HSA 03/26/99	5 : 1		sheet 7 OF	
sheet	revision								
index	sheet								

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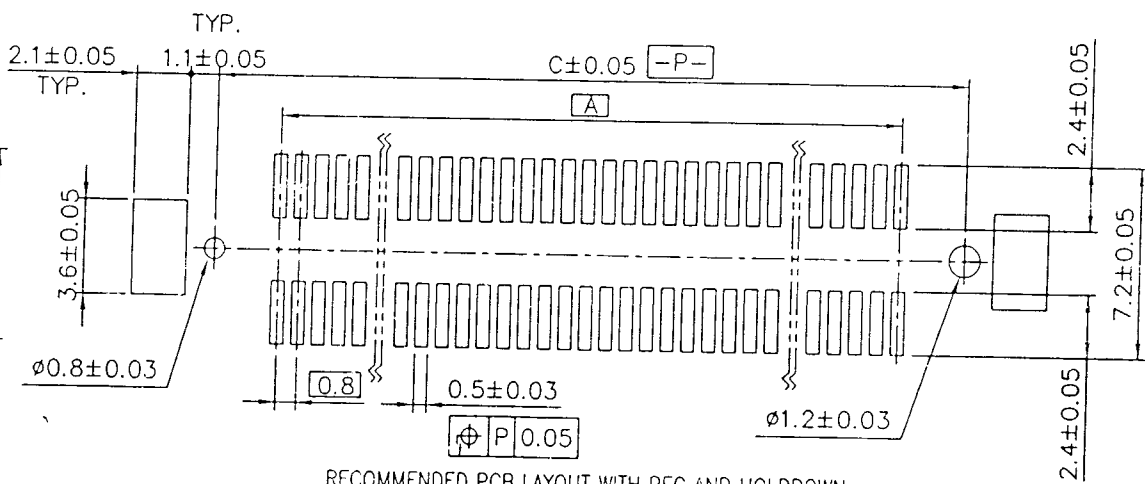
FOR RECEPTACLE 2/3



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



RECOMMENDED PCB LAYOUT WITHOUT PEG AND HOLDDOWN



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

mat'l code		tolerance unless otherwise specified		CUSTOMER COPY		FCI Electronics www.fciconnect.com	
rev.	ecn no.	dr	date	linear	.0 ±	projection	title
H					.00 ±		0.8mm BOARD TO BOARD "RECEPTACLE ASS'Y"
				angles	.000±		
		dr	MAGGIE WU	03/26/99	unit	mm/inch	product family BERGSTAK
		enr	YU WEN CHU	03/26/99	scale	5 : 1	code
		chr	YU WEN CHU	03/26/99			size dwg no.
		appd	JOSEPH HSA	03/26/99			61082
sheet	revision						
index	sheet						
							sheet 8 OF

mat'l code				tolerance unless otherwise specified		CUSTOMER COPY		 Electronics FCI www.fciconnect.com	
rev.	ecn no.	dr	date	linear	.0 ±	projection 	title 0.8mm BOARD TO BOARD RECEPTACLE ASS'Y		
H					.00 ±				
					.000±				
				angles	±				
		dr	MAGGIE WU	03/26/99	unit	product family		BERGSTAK	code
		engr	YU WEN CHU	03/26/99	mm/inch	size		dwg no.	-
		chr	YU WEN CHU	03/26/99	scale	A3		61082	sheet
		appd	JOSEPH HSIA	03/26/99	5 : 1				g OF
sheet	revis.	on							
index	sheet								