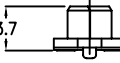



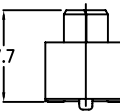
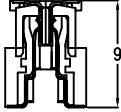
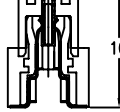
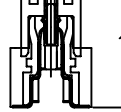
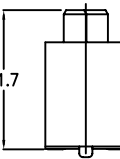
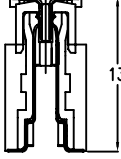
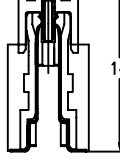
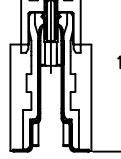


61082-

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

COMBINATION
OF
MATED HEIGHT

	FOR PLUG, SEE DWG. NO. 61083			
	1	2	3	4
1	 3.7	 5	 6	 7
2	 7.7	 9	 10	 11
3	 11.7	 13	 14	 15

PACKAGING

0	TUBE WITHOUT CAP
2	TAPE & REEL WITH CAP
9	TUBE WITH CAP
3	TRAY WITH CAP

POLARIZATION PEG

0	YES	HOLD DOWN	NO
2	NO	HOLD DOWN	NO

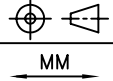
PLATING ON CONTACT AREA

0	GOLD 0.2 um MIN. / TIN LEAD SOLDER	(EMPTY)
1	PALLADIUM-NICKEL 0.76 umMIN. WITH GOLD FLASH (0.1 um MIN.) / TIN LEAD SOLDER	(EMPTY)
4	GOLD 0.2um MIN. / MATT PURE TIN ON SOLDER TAIL (LEAD FREE PLATING)	LF (note 7&8.)
5	GOLD 0.38um MIN. / MATT PURE TIN ON SOLDER TAIL (LEAD FREE PLATING)	LF (note 7.)
6	PALLADIUM-NICKEL 0.76 umMIN. WITH GOLD FLASH (0.1 um MIN.) / MATT PURE TIN SOLDER (LEAD FREE PLATING)	LF (note 7&8.)

NOTES:

- MATERIAL
HOUSING: G.F.LCP UL94V-0
TERMINAL: BERYLLIUM COPPER.
- PLATING
AS TABLE SHOW.
- SEE GS-12-148 FOR PRODUCT SPECIFICATION.
- SEE GS-14-551 AND GS-14-816 FOR PACKAGING SPECIFICATION.
- PACKING OPTION 3: "CUSTOMER-SPECIFIC PACKAGING; LIMITED TO CERTAIN SIZES."
PACKING OPTION 2: "NOT ALL SIZES ARE AVAILABLE; CHECK WITH FACTORY"
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

- ⑧ PLATING OPTION '4' IS LEADFREE ALTERNATIVE FOR OPTION '0', AND OPTION '6' IS LEADFREE ALTERNATIVE FOR OPTION '1'.

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	A FCI www.fciconnect.com		
ltr	ecr no	dr	date				title	product family	code
N	T03-0422	M W	09/24/03	linear	.X ± 0.20	projection	0.8mm BOARD TO BOARD RECEPTACLE ASS'Y	BERGSTAK	
P	T03-0458	M W	10/17/03		.XX ± 0.15				
R	S03-170	M W	01/30/04	angles	.XXX ± 0.10				
S	T04-0094	M W	03/05/04	dr	0° ± 2°	MM			
T	S04-0133	M W	06/23/04	engr	MAGGIE WU 03/26/99				
U	S04-0167	C H	07/30/04	chr	YU WEN CHU 03/26/99				
V	S05-0098	C H	03/31/05	appd	CHEN HONG 03/31/05	scale			
					NG JOEY 03/31/05	3:1	A4	61082	sheet 1 of 6
sheet index	revision sheet	V	R	P	R	R	P		
		1	2	3	4	5	6		

cage code
22526

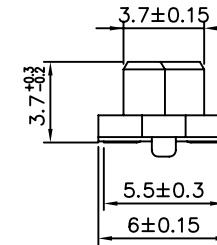
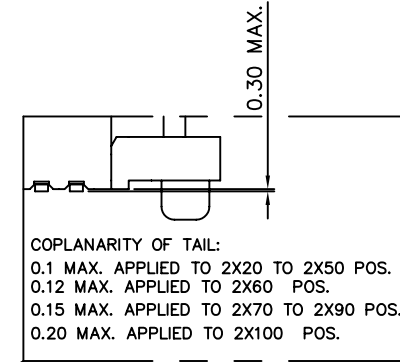
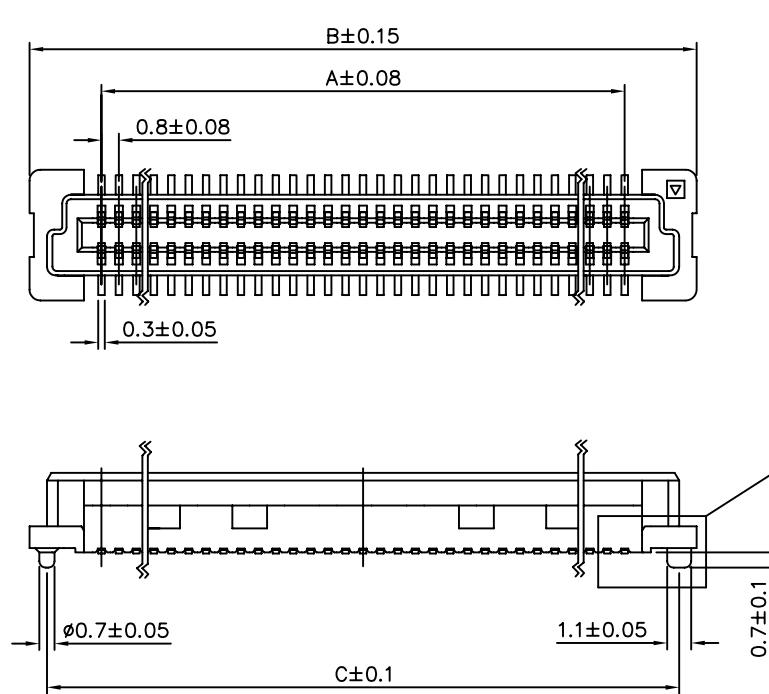
ACAD

PDM: Rev:V

STATUS: Released

Printed: Feb 10, 2006

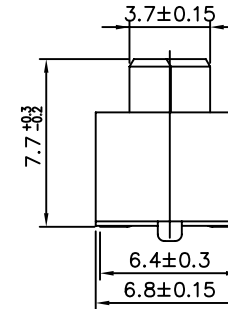
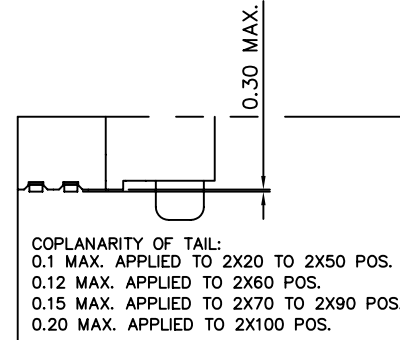
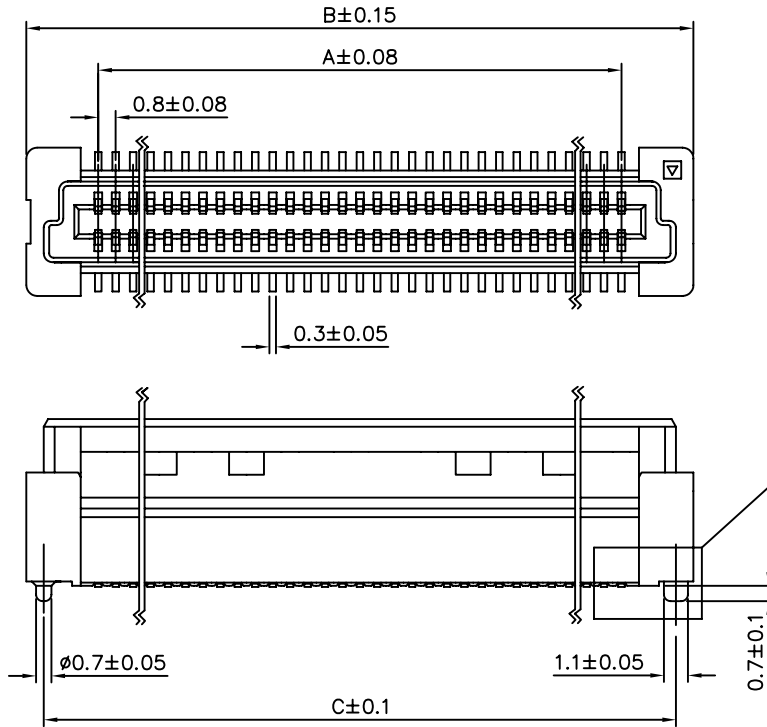
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61082-041***	2 X20	15.2	21.8	20.2
61082-061***	2 X30	23.2	29.8	28.2
61082-081***	2 X40	31.2	37.8	36.2
61082-101***	2 X50	39.2	45.8	44.2
61082-121***	2 X60	47.2	53.8	52.2
61082-141***	2 X70	55.2	61.8	60.2
61082-161***	2 X80	63.2	69.8	68.2
61082-181***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




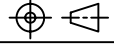
RECEPTACLE 1

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	 www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X \pm 0.20 .XX \pm 0.15 .XXX \pm 0.10		title	product family	code
R				angles	0° \pm 2°	projection	0.8mm BOARD TO BOARD RECEPTACLE ASS'Y	BERGSTAK	
				dr	MAGGIE WU 03/26/99	MM	size	dwg no	sheet
				engr	YU WEN CHU 03/26/99	scale	A4	61082	2 of
				chr	YU WEN CHU 03/26/99				
				appd	JOSEPH HSIA 03/26/99				
sheet index	revision 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

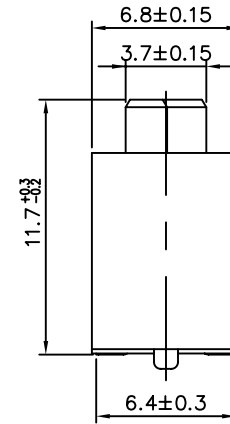
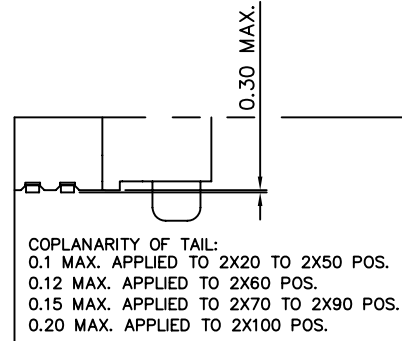
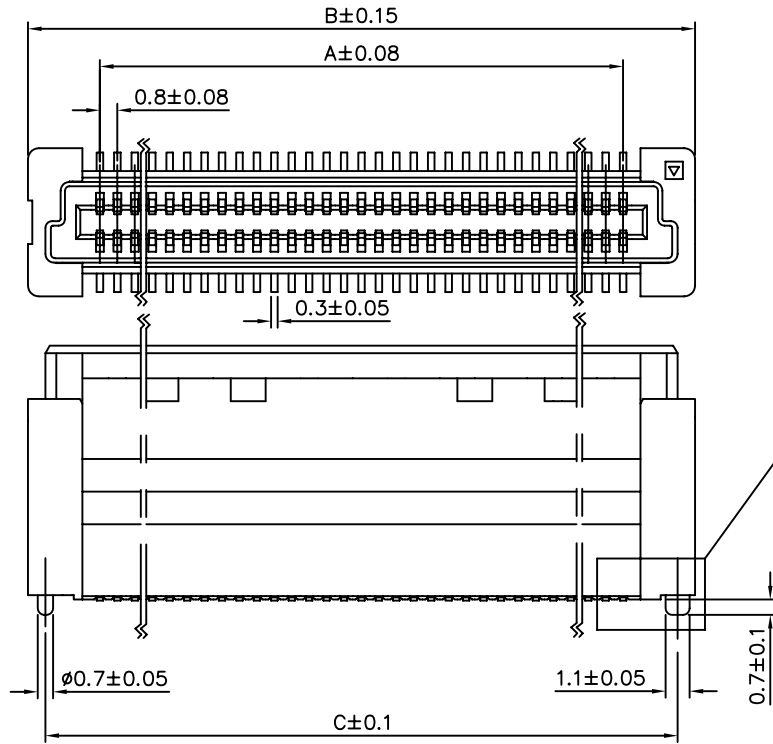


RECEPTACLE 2


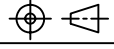
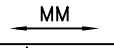
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ltr	ecn no	dr	date	linear	.X \pm 0.20 .XX \pm 0.15 .XXX \pm 0.10		title		
R				angles	0° \pm 2°	projection	0.8mm BOARD TO BOARD RECEPTACLE ASS'Y		
				dr	MAGGIE WU 03/26/99	 MM	product family		code
				engr	YU WEN CHU 03/26/99		size		sheet
				chr	YU WEN CHU 03/26/99	scale	A4		4 of
				appd	JOSEPH HSIA 03/26/99		61082		
sheet index	revision sheet								

cage code
22526

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

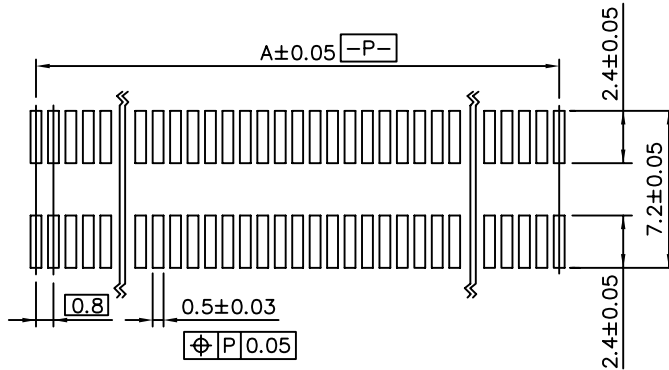


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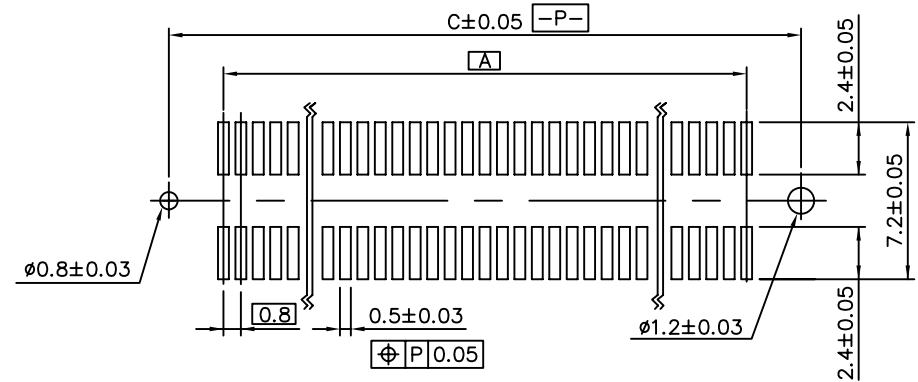
mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	 www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X ± 0.20				
R					.XX ± 0.15	projection		title	0.8mm BOARD TO BOARD RECEPTACLE ASS'Y
					.XXX ± 0.10				
				angles	0° ± 2°	 MM scale 3:1	A4	product family	BERGSTAK
				dr	MAGGIE WU 03/26/99				
				engr	YU WEN CHU 03/26/99				
				chr	YU WEN CHU 03/26/99				
				appd	JOSEPH HSIA 03/26/99	size	dwg no	61082	sheet 5 of
sheet index	revision sheet								

cage code 22526

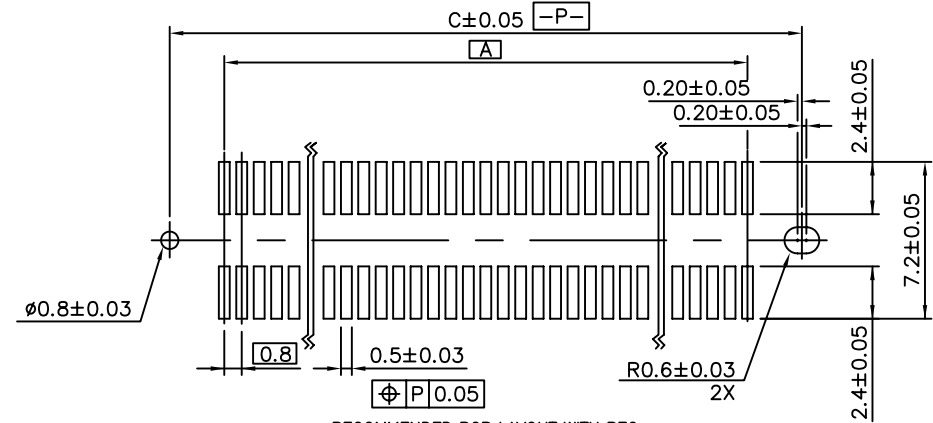
FOR RECEPTACLE 2/3




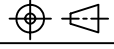
RECOMMENDED PCB LAYOUT WITHOUT PEG AND HOLDDOWN



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



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

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	 www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X ± 0.20		title 0.8mm BOARD TO BOARD RECEPTACLE ASS'Y		
P					.XX ± 0.15				
					.XXX ± 0.10				
				angles	0° ±2°	 MM scale 3:1	product family size dwg no		
				dr	MAGGIE WU 03/26/99		BERGSTAK		
				engr	YU WEN CHU 03/26/99		61082		
				chr	YU WEN CHU 03/26/99		A4		
				appd	JOSEPH HSIA 03/26/99				
sheet index	revision sheet						cage code 22526		