

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

POLARIZATION PEG	HOLD DOWN
0	YES
2	NO
4	YES (note 6.)

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 0.2 um MIN. / MATT PURE TIN ON SOLDER TAIL (LEAD FREE PLATING)	LF (note 7&9.)
5	GOLD 0.38 um / 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 ON SOLDER TAIL (LEAD FREE PLATING)	LF (note 7&9.)

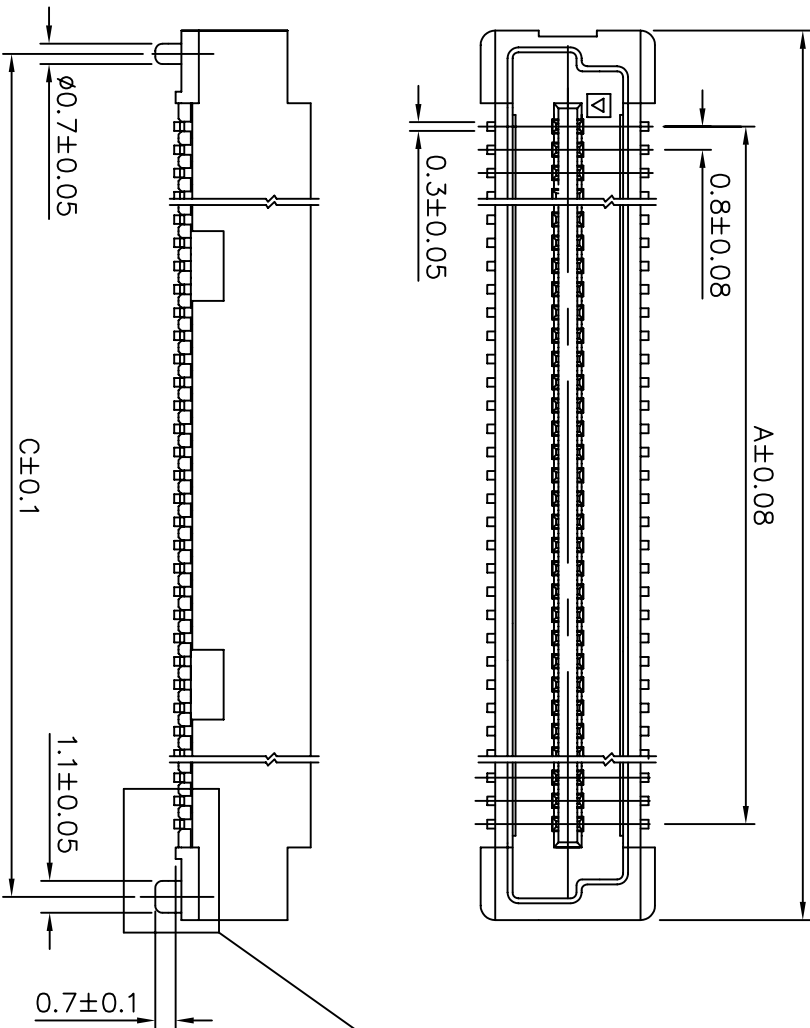
- NOTES:
- MATERIAL:  
HOUSING: G.F.LCP UL94V-0  
TERMINAL: BRASS
  - PLATING:  
AS TABLE SHOW.
  - SEE GS-12-148 FOR PRODUCT SPECIFICATION.
  - SEE GS-14-551 AND GS-14-816 FOR PACKAGING SPECIFICATION.
  - PACKING OPTION 3: "CUSTOMER-SPECIFIC; LIMITED TO CERTAIN SIZES" PACKING OPTION 2: NOT ALL SIZES AVAILABLE; CHECK WITH FACTORY"
  - ONLY PLUG 1: 80 POSITIONS AVAILABLE.
  - THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
  - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 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'.

mat'l. code		tolerances unless otherwise specified		CUSTOMER COPY		title	
ltr	ecn no.	dr	ddte	linear		projection	0.8mm BOARD TO BOARD
N	T03-0458	M W	10/17/03	.XX ± 0.15		MM	PLUG ASS'Y
P	S03-171	M W	01/30/04	.XXX ± 0.10			product family
R	T04-0094	M W	03/05/04	0° ±2°			61083
S	S04-0133	M W	06/23/04				BERGSTAK
T	S04-0167	C H	07/30/04				code
U	S05-0098	C H	03/31/05	chr	CHEN HONG	4:1	code
V	S05-0288	M C	10/14/05	pppl	NG JOEY		1 of 7
sheet	revision	V	P	P	P	R	N
index	sheet	1	2	3	4	5	6

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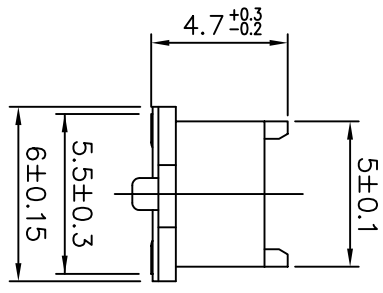
code code  
22526

PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61083-04****	2 X20	15.2	21.8	20.2
61083-061****	2 X30	23.2	29.8	28.2
61083-081****	2 X40	31.2	37.8	36.2
61083-101****	2 X50	39.2	45.8	44.2
61083-121****	2 X60	47.2	53.8	52.2
61083-141****	2 X70	55.2	61.8	60.2
61083-161****	2 X80	63.2	69.8	68.2
61083-181****	2 X90	71.2	77.8	76.2
61083-201****	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.

0.30 MAX.



PLUG 1

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		FCI		title		code	
ltr	ecn no	dr	ddte	linear	.X ± 0.20	projection	MM	product family	BERGSTAK	www.fciconnect.com		0.8mm BOARD TO BOARD PLUG ASS'Y		code	
P				.XXX ± 0.15		angles	0° ± 2°	size	A4			61083		sheet	
				0° ± 2°		dr	MAGGIE WU 03/26/99	scale	4:1					2 of	
				eng'ty YU WEN CHU 03/26/99		chr	YU WEN CHU 03/26/99								
				pppl JOSEPH HSIA 03/26/99		index									
sheet		revision													
index		sheet													

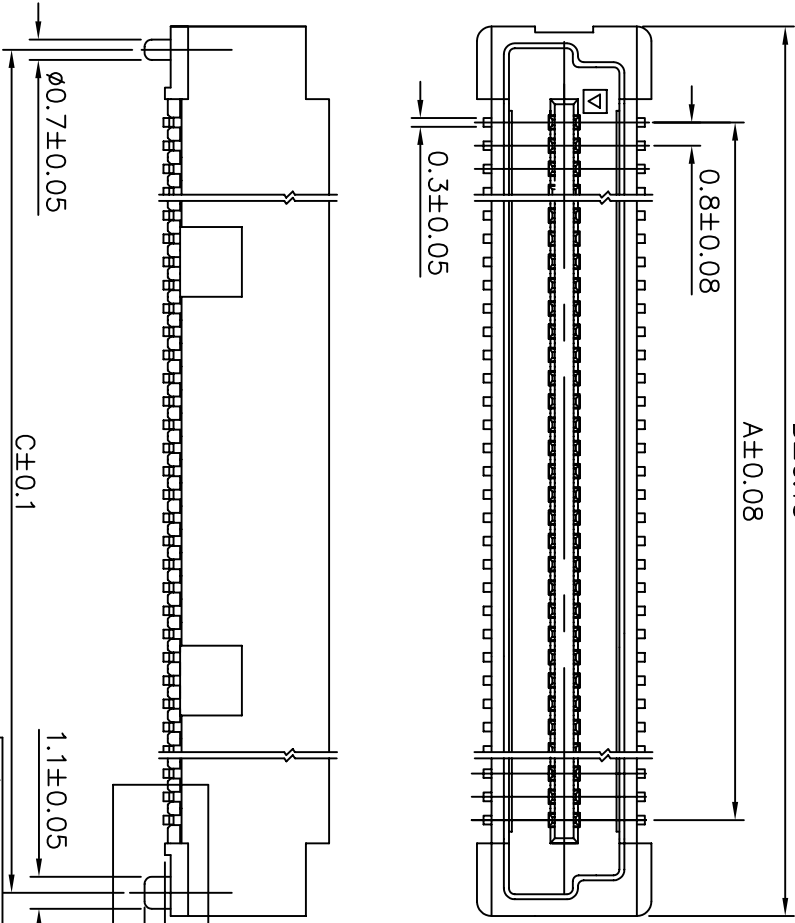
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1 2

3

4

PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61083-042***	2 X20	15.2	21.8	20.2
61083-062***	2 X30	23.2	29.8	28.2
61083-082***	2 X40	31.2	37.8	36.2
61083-102***	2 X50	39.2	45.8	44.2
61083-122***	2 X60	47.2	53.8	52.2
61083-142***	2 X70	55.2	61.8	60.2
61083-162***	2 X80	63.2	69.8	68.2
61083-182***	2 X90	71.2	77.8	76.2
61083-202***	2 X100	79.2	85.8	84.2



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 0.12 MAX. APPLIED TO 2X60 POS.  
 0.15 MAX. APPLIED TO 2X70 TO 2X90 POS.  
 0.20 MAX. APPLIED TO 2X100 POS.

PLUG 2

matl. code		tolerances unless otherwise specified		CUSTOMER COPY		title	
ltr	ecn no	dr	ddte	linear	projection	product family	www.fciconnect.com
P				.XX ± 0.15	MM	0.8mm BOARD TO BOARD PLUG ASS'Y	
				.XXX ± 0.10		BERGSTAK	
				° ±2°	scale	code	
				dr MAGGIE WU 03/26/99	4:1	61083	
				engr YU WEN CHU 03/26/99		3 of	
				chr YU WEN CHU 03/26/99			
				pppl JOSEPH HSIA 03/26/99			
sheet	revision						
index	sheet						

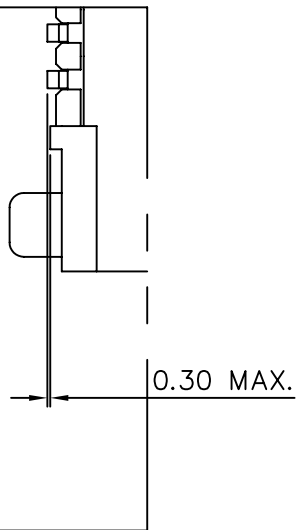
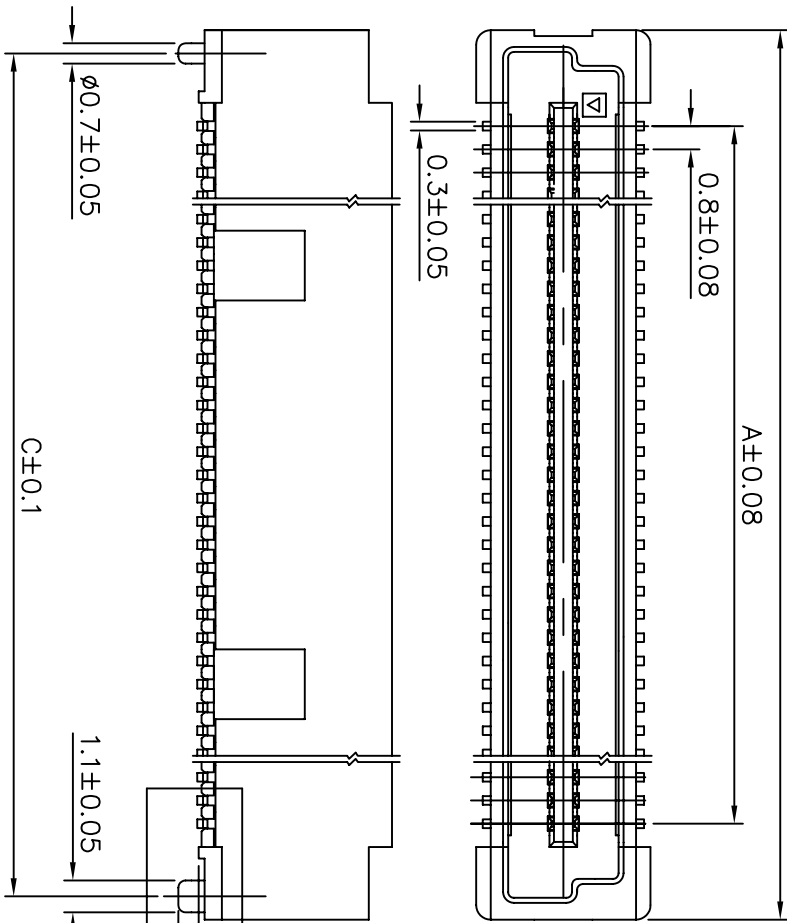
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4

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



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 0.12 MAX. APPLIED TO 2X60 POS.  
 0.15 MAX. APPLIED TO 2X70 TO 2X90 POS.  
 0.20 MAX. APPLIED TO 2X100 POS.

PLUG 3

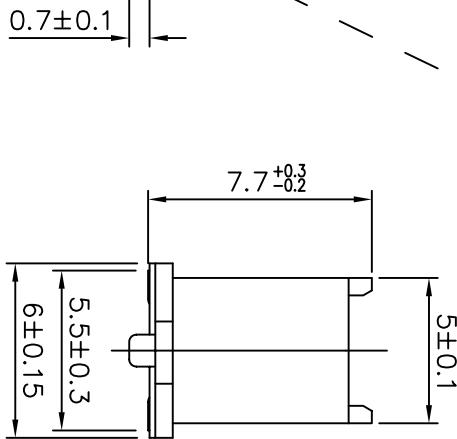
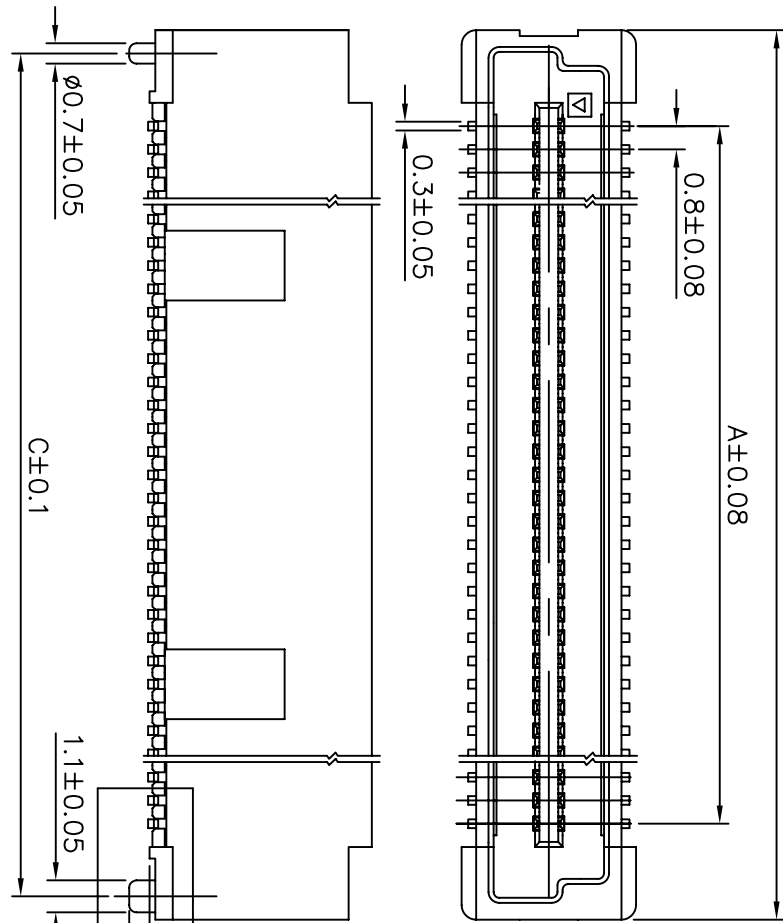
matl. code				tolerances unless otherwise specified				CUSTOMER COPY		FCI	
ltr	ecn no	dr	ddte	linear	angles	projection	title	product family	code	sheet	of
P				.XX ± 0.15	0° ± 2°	MM	0.8mm BOARD TO BOARD PLUG ASS'Y	BERGSTAK		4	of
				.XXX ± 0.10		4:1					
				dr MAGGIE WU 03/26/99							
				engr YU WEN CHU 03/26/99							
				chr YU WEN CHU 03/26/99							
				pppl JOSEPH HSIA 03/26/99							
sheet		revision									
index		sheet									

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3

4

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



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 0.15 MAX. APPLIED TO 2X70 TO 2X90 POS.  
 0.20 MAX. APPLIED TO 2X100 POS.

0.30 MAX.

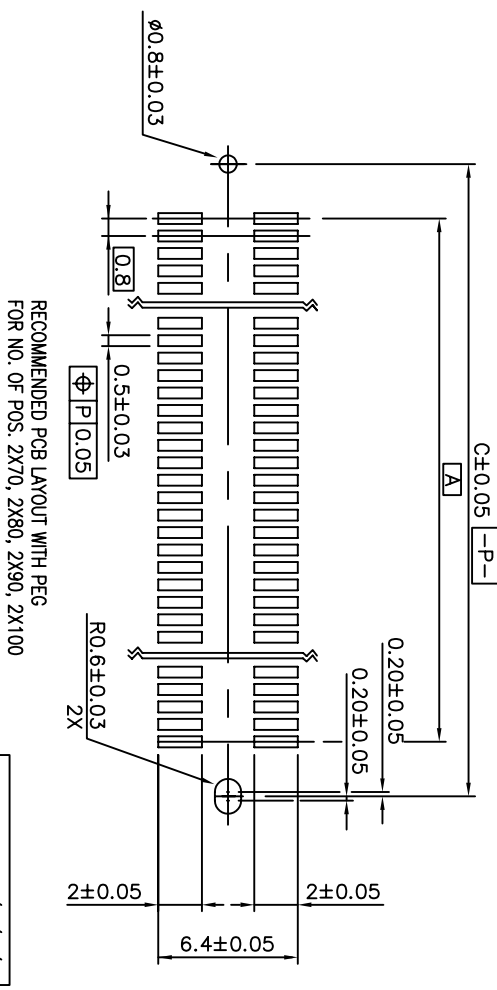
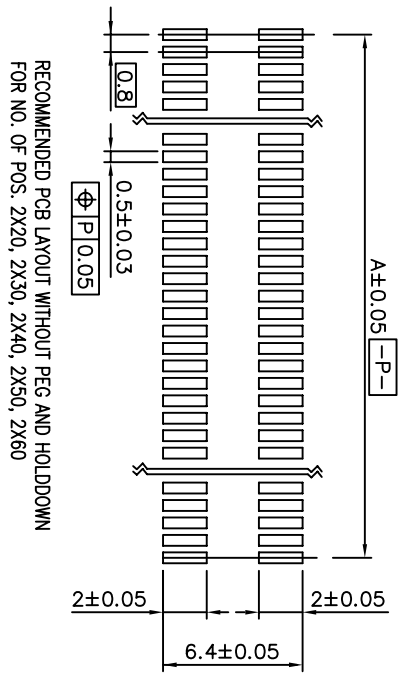
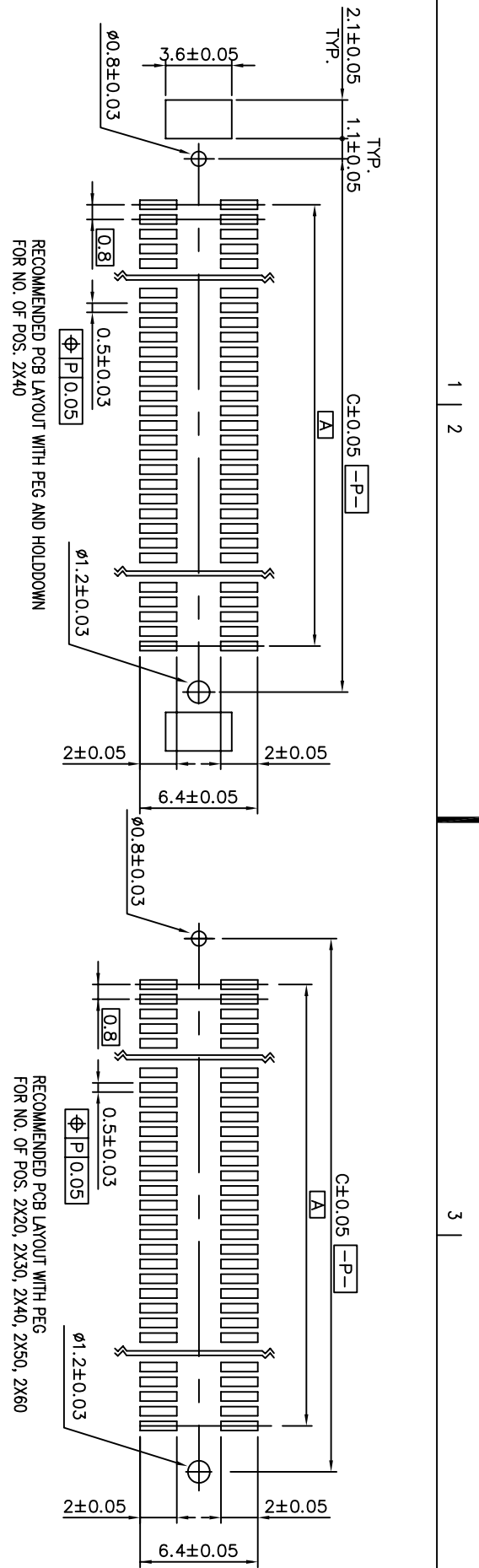
PLUG 4

matl. code		tolerances unless otherwise specified		CUSTOMER COPY		FCI		title		product family		code	
ltr	ecn no	dr	ddte	linear	angles	projection	MM	scale	size	dwg no	BERGSTAK	code	sheet
P				.XX ± 0.15	0° ± 2°	⊕	MM	4:1	A4	61083	BERGSTAK	5 of	
				.XXX ± 0.10		⊖							
					dr	eng	chr	pppl					
					MAGGIE WU	YU WEN CHU	YU WEN CHU	JOSEPH HSIA					
					03/26/99	03/26/99	03/26/99	03/26/99					
sheet	revision												
index	sheet												

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code code  
22526





matl. code		tolerances unless otherwise specified		CUSTOMER COPY		FCI		www.fciconnect.com	
litr	ecn no	dr	ddte	linear	.X ± 0.20	projection	title	product family	code
N				.XXX ± 0.15		MM	0.8mm BOARD TO BOARD PLUG ASS'Y	BERGSTAK	
				0° ± 2°					
				dr	MAGGIE WU 03/26/99				
				eng	YU WEN CHU 03/26/99				
				chr	YU WEN CHU 03/26/99	scale	3:1		
				pppl	JOSEPH HSIA 03/26/99				
sheet	revision								code
index	sheet								7 of

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code code  
22526