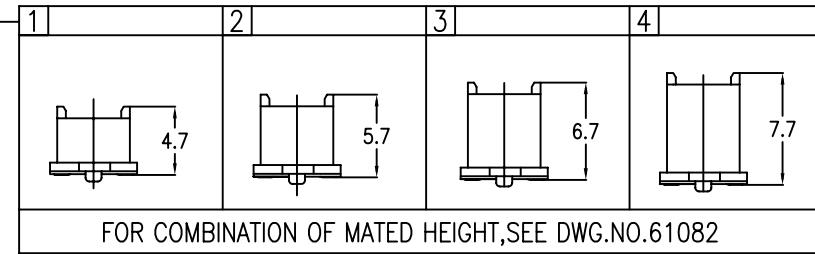


61083-

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



NOTES:

1. MATERIAL:
HOUSING: G.F.LCP UL94V-0
TERMINAL: BRASS
2. PLATING:
AS TABLE SHOW.
3. SEE GS-12-148 FOR PRODUCT SPECIFICATION.
4. SEE GS-14-551 AND GS-14-816 FOR PACKAGING SPECIFICATION.
5. PACKING OPTION 3: "CUSTOMER-SPECIFIC; LIMITED TO CERTAIN SIZES"
PACKING OPTION 2: NOT ALL SIZES AVAILABLE; CHECK WITH FACTORY"
6. ONLY PLUG 1: 80 POSITIONS AVAILABLE.
7. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
8. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVENTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
9. PLATING OPTION '4' IS LEADFREE ALTERNATIVE FOR OPTION '0', AND OPTION '6' IS LEADFREE ALTERNATIVE FOR OPTION '1'.

PACKAGING

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

POLARIZATION PEG HOLD DOWN

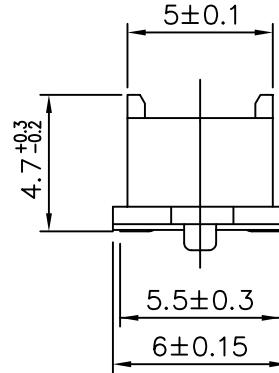
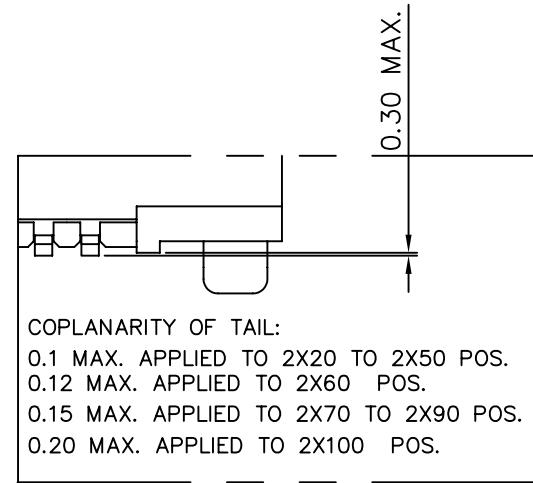
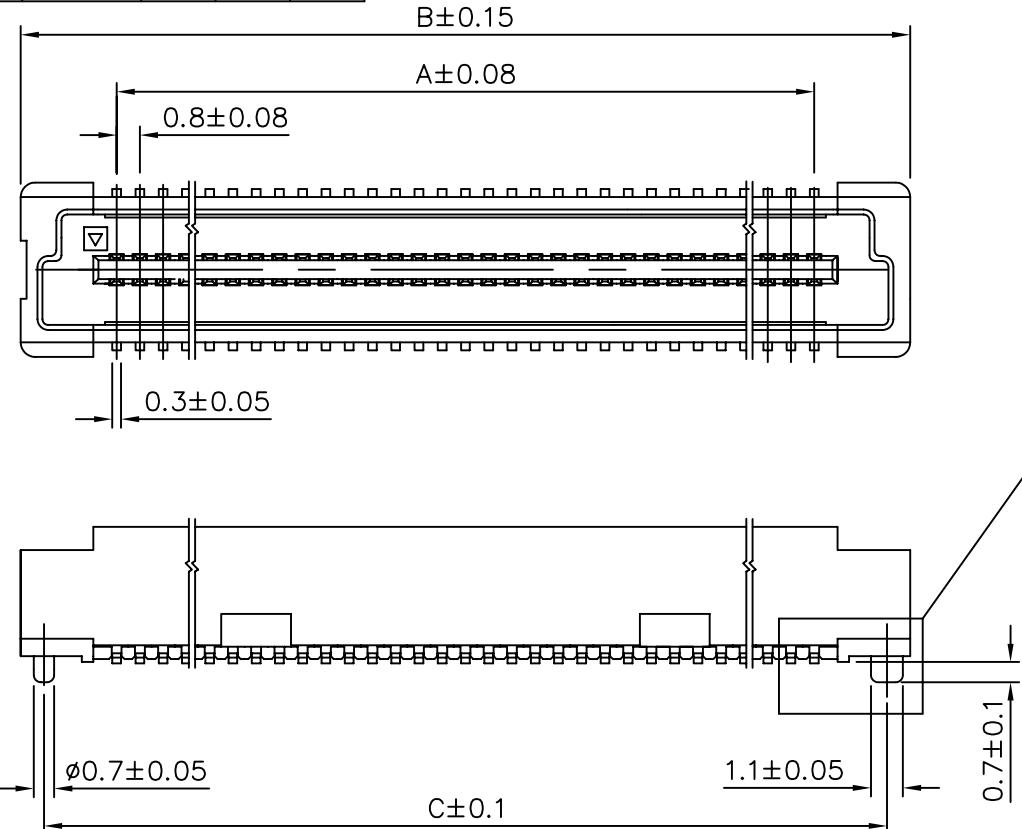
0	YES	NO
2	NO	NO
4	NO	YES(note 6.)

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 0.2 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.)

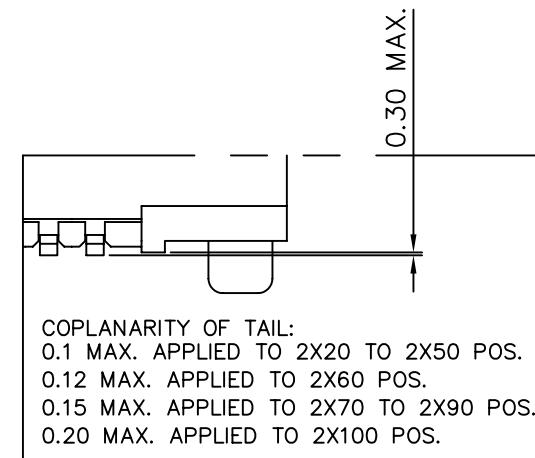
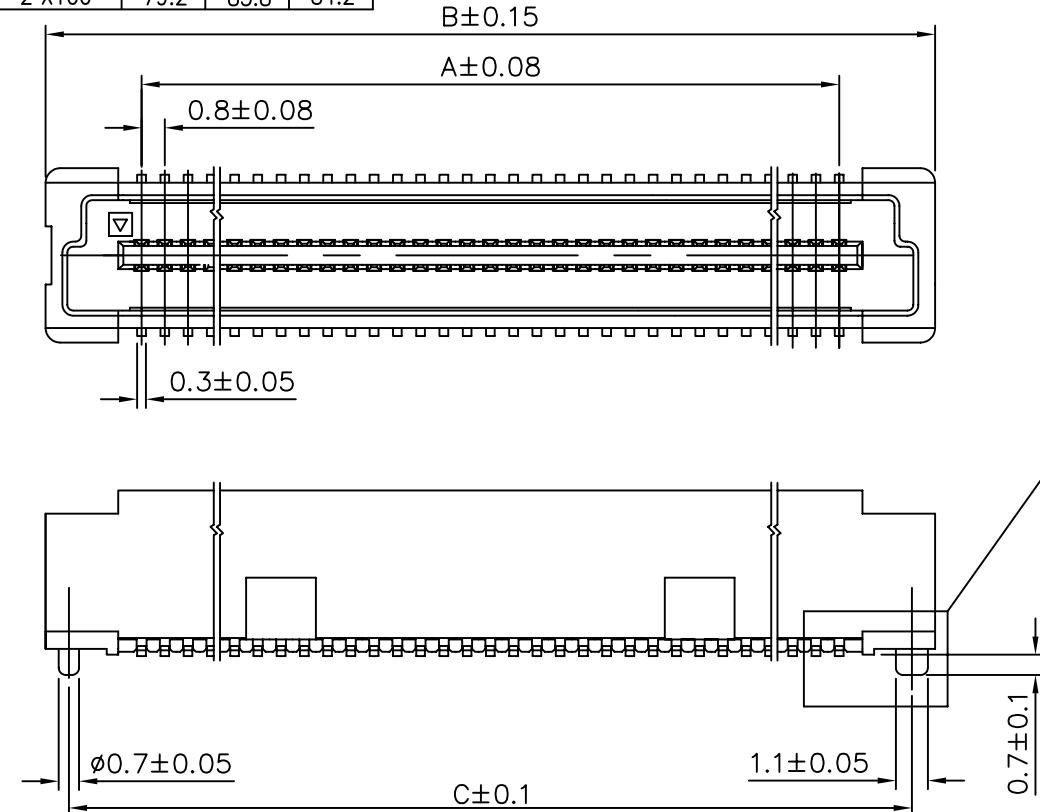
mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY	projection	title	www.fciconnect.com		
ltr	ecn no	dr	date					.X ± 0.20	.XX ± 0.15	.XXX ± 0.10	0.8mm BOARD TO BOARD PLUG ASS'Y	product family	code
				linear	angles	linear	angles				BERGSTAK	size	dwg no
M	T03-0422	M W	09/24/03										
N	T03-0458	M W	10/17/03										
P	S03-171	M W	01/30/04	angles		0° ±2°							
R	T04-0094	M W	03/05/04	dr	MAGGIE WU	03/26/99							
S	S04-0133	M W	06/23/04	engr	YU WEN CHU	03/26/99							
T	S04-0167	C H	07/30/04	chr	CHEH HONG	03/31/05							
U	S05-0098	C H	03/31/05	appd	NG JOEY	03/31/05							
				sheet	revision	U P P P P R N							
				index	sheet	1 2 3 4 5 6 7							

PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61083-041***	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



mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	title
ltr	ecn no	dr	date	linear	angles		
P				.X ± 0.20	0° ± 2°	projection	0.8mm BOARD TO BOARD
				.XX ± 0.15			PLUG ASS'Y
				.XXX ± 0.10		product family	BERGSTAK
						size	dwg no
				dr MAGGIE WU 03/26/99			61083
				engr YU WEN CHU 03/26/99		code	
				chr YU WEN CHU 03/26/99		sheet	
				appd JOSEPH HSIA 03/26/99			2 of
sheet index	revision sheet						

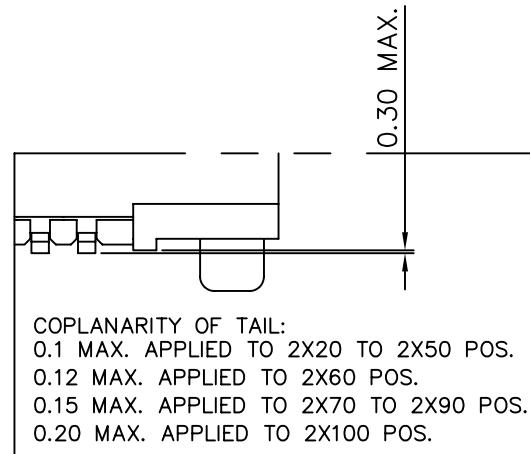
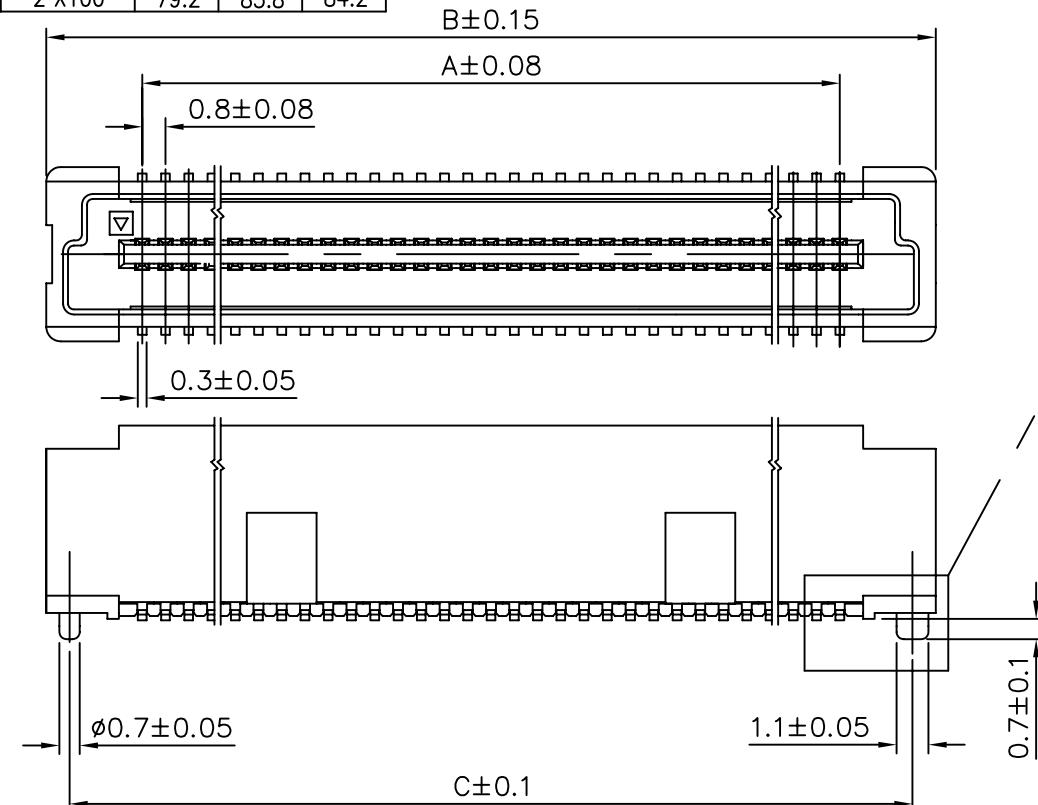
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61083-042***	2 X20	15.2	21.8	20.2
61083-062***	2 X30	23.2	29.8	28.2
61083-082***	2 X40	31.2	37.8	36.2
61083-102***	2 X50	39.2	45.8	44.2
61083-122***	2 X60	47.2	53.8	52.2
61083-142***	2 X70	55.2	61.8	60.2
61083-162***	2 X80	63.2	69.8	68.2
61083-182***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



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.

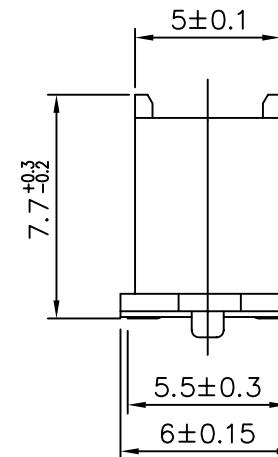
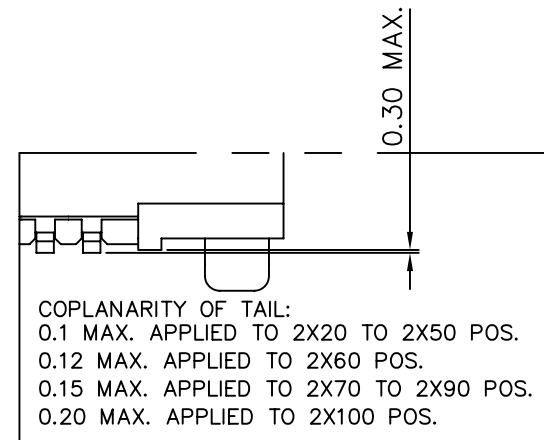
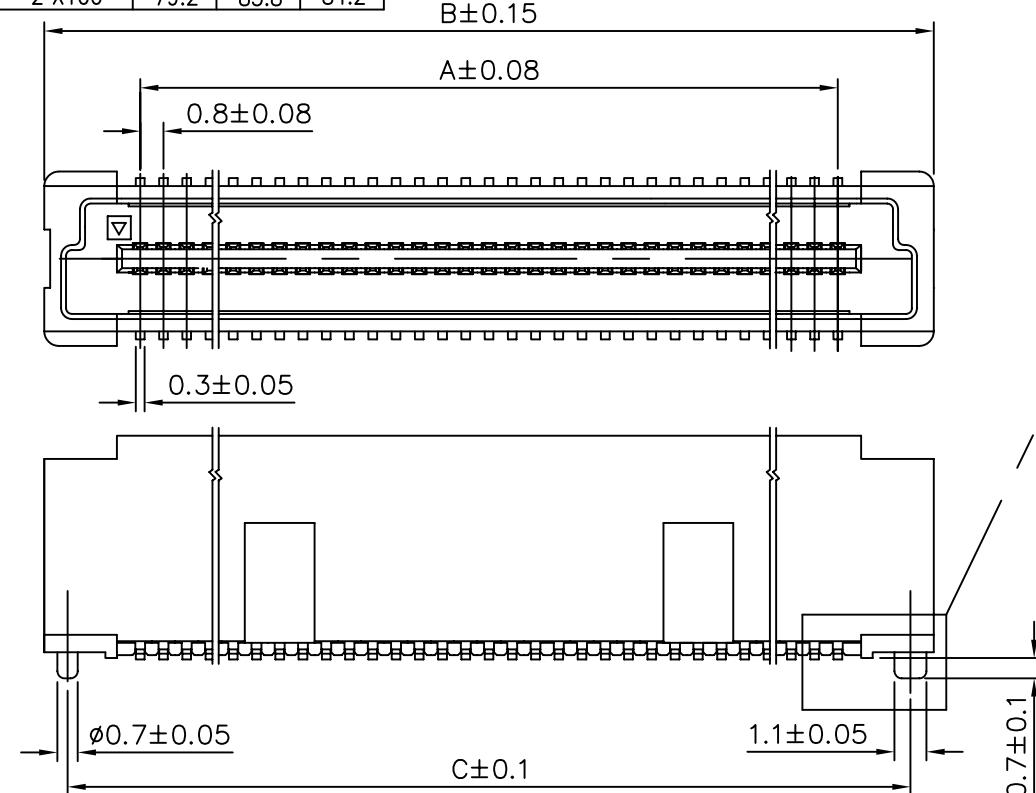
mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	title
ltr	ecn no	dr	date	linear	angles		
P				.X ± 0.20		projection	0.8mm BOARD TO BOARD
				.XX ± 0.15			PLUG ASS'Y
				.XXX ± 0.10		product family	BERGSTAK
				0° ±2°		size	dwg no
				dr MAGGIE WU 03/26/99		scale	61083
				engr YU WEN CHU 03/26/99		4:1	
				chr YU WEN CHU 03/26/99		A4	
				appd JOSEPH HSIA 03/26/99			
sheet index		revision sheet					sheet 3 of

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



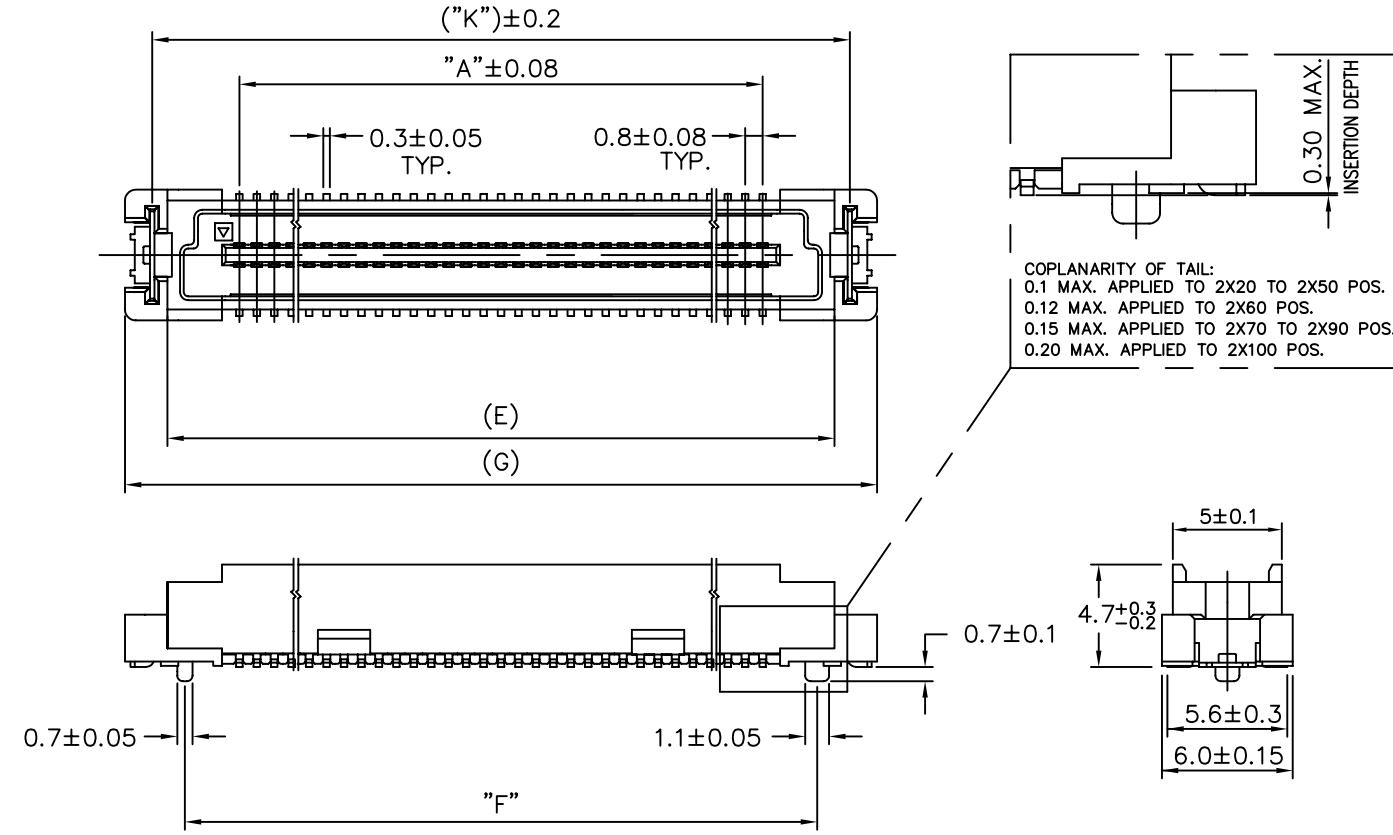
mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	title
ltr	ecn no	dr	date	linear	angles		
P				.X ± 0.20	.XX ± 0.15	projection	0.8mm BOARD TO BOARD
					.XXX ± 0.10		PLUG ASS'Y
				dr MAGGIE WU 03/26/99	0° ± 2°	MM	product family BERGSTAK
				engr YU WEN CHU 03/26/99		scale 4:1	size dwg no 61083
				chr YU WEN CHU 03/26/99		A4	code sheet 4 of 4
				appd JOSEPH HSIA 03/26/99			
sheet index		revision sheet					

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

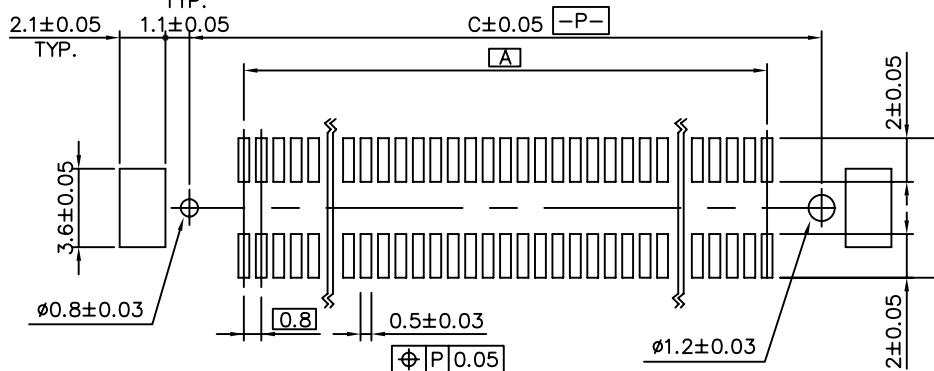


mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	title
ltr	ecn no	dr	date	linear	angles		
P				.X ± 0.20	.XX ± 0.15	projection	0.8mm BOARD TO BOARD
					.XXX ± 0.10		PLUG ASS'Y
					0° ± 2°	MM	product family BERGSTAK
				dr MAGGIE WU 03/26/99		size	dwg no 61083
				engr YU WEN CHU 03/26/99		scale	code
				chr YU WEN CHU 03/26/99		4:1	sheet 5 of
				appd JOSEPH HSIA 03/26/99		A4	
sheet index		revision sheet					

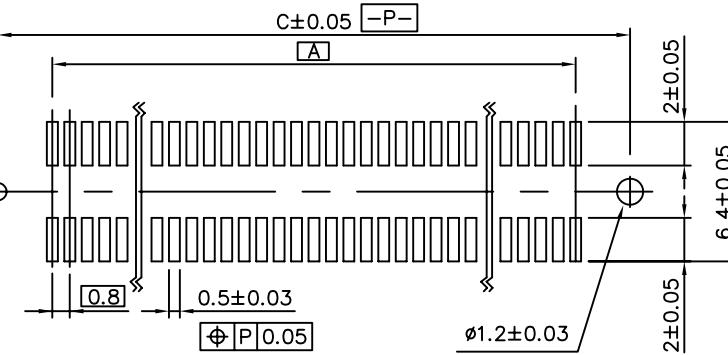
PRODUCT NUMBER	POSITIONS	DIMENSION				
		"A"	"E"	"F"	"G"	"K"
61083-081***	2 X40	31.2	37.8	36.2	41.7	39.23



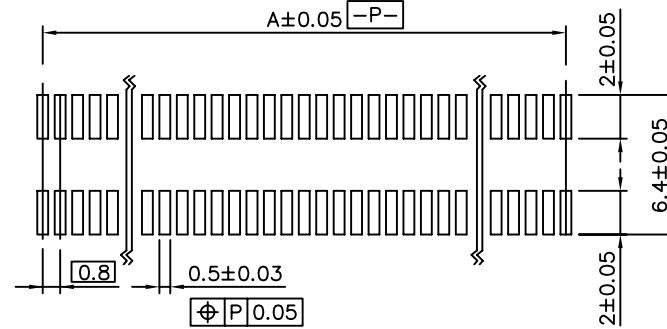
mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	title	product family	size	dwg no	code
ltr	ecn no	dr	date	.X ± 0.20								
R				linear	.XX	± 0.15			BERGSTAK			
					.XXX	± 0.10						
				angles	0°	± 2°						
				dr	MAGGIE WU	03/26/99	MM					
				engr	YU WEN CHU	03/26/99						
				chr	CHEH HONG	03/31/05						
				appd	NG JOEY	03/31/05	scale	3:1				
				sheet	revision		A4	61083				
				index	sheet							



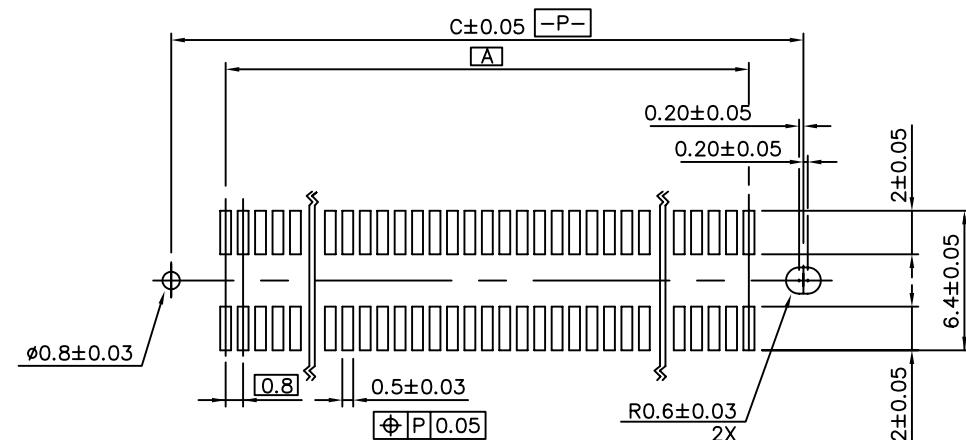
RECOMMENDED PCB LAYOUT WITH PEG AND HOLDDOWN
FOR NO. OF POS. 2X40



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



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. 2X70, 2X80, 2X90, 2X100

FOR PLUG 1/2/3/4

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	title
ltr	ecn no	dr	date	linear	.X ± 0.20		
N					.XX ± 0.15	projection	0.8mm BOARD TO BOARD
					.XXX ± 0.10		PLUG ASS'Y
				angles	0° ± 2°		
				dr	MAGGIE WU 03/26/99	MM	product family
				engr	YU WEN CHU 03/26/99		BERGSTAK
				chr	YU WEN CHU 03/26/99	scale	code
				appd	JOSEPH HSIA 03/26/99	3:1	dwg no
						A4	61083
				sheet			sheet
				revision			7 of
				sheet			

