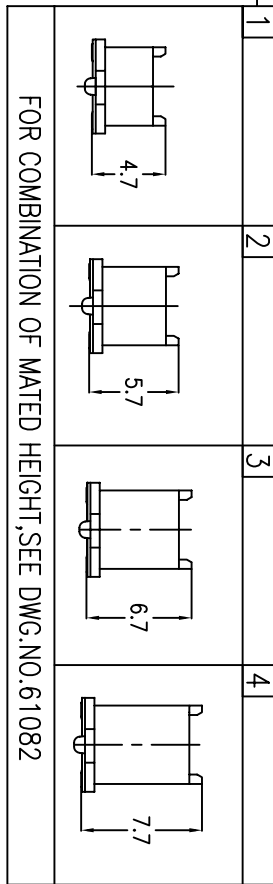


61083-

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



PACKAGING	
0	TUBE WITHOUT CAP
2	TAPE & REEL WITH CAP
9	TUBE WITH CAP
6	TAPE & REEL WITHOUT CAP (WITH KAPTON TAPE)

POLARIZATION PEG		HOLD DOWN	
0	YES		NO
2	NO		NO



- NOTES:
1. MATERIAL:
HOUSING: G.F.LCP UL94V-0
TERMINAL: BRASS

2. PLATING:
AS TABLE SHOW.

3. SEE GS-12-547 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. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

7. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

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

9. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, NOTE OR VIEW WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

PLATING ON CONTACT AREA

0	GOLD 0.2 um MIN. / TIN LEAD SOLDER NICKEL UNDERPLATE OVERALL 1.27 um MIN	EMPTY
1	PALLADIUM-NICKEL 0.76 umMIN. WITH GOLD FLASH (0.1 um MIN.) / TIN LEAD SOLDER NICKEL UNDERPLATE OVERALL 1.27 um MIN	EMPTY
4	GOLD 0.2 um MIN. / MATT PURE TIN ON SOLDER TAIL NICKEL UNDERPLATE OVERALL 1.27 um MIN (LEAD FREE PLATING)	LF (note 6&8.)
5	GOLD 0.38 um / MATT PURE TIN ON SOLDER TAIL NICKEL UNDERPLATE OVERALL 1.27 um MIN (LEAD FREE PLATING)	LF (note 6.)
6	PALLADIUM-NICKEL 0.76 umMIN. WITH GOLD FLASH (0.1 um MIN.) / MATT PURE TIN ON SOLDER TAIL (LEAD FREE PLATING) NICKEL UNDERPLATE OVERALL 1.27 um MIN	LF (note 6&8.)

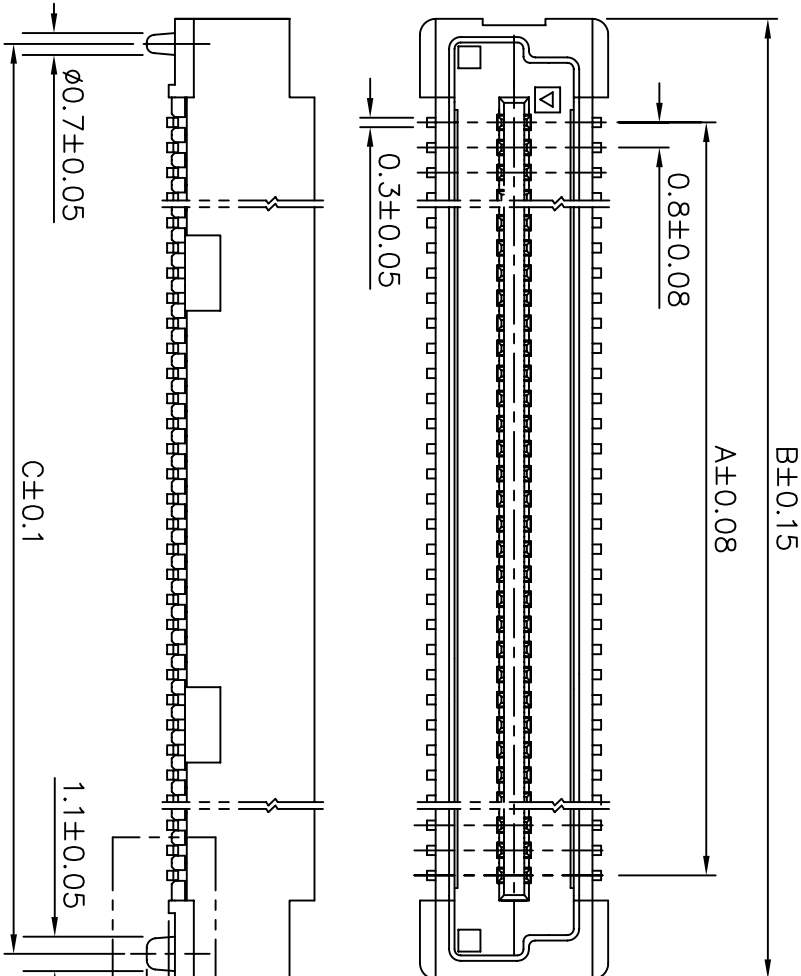
mat'l. code		surface		tolerance		projection		product family	
lfr	ecn no	dr	date	tolerance unless otherwise specified					
W	S07-0166	MCH	2007-05-16	angles	5	MM		0.8mm BOARD TO BOARD	
X	S07-0416	MCH	2007-11-22	XXX±0.15				PLUG ASSY	
Y	S08-0043	MCH	2008-02-20	0±2°	5	XXX±0.10	scale 4:1		
AA	S08-0330	MCH	2008-10-08	dr	MAGGLE	WU	1999-03-26		
AB	S10-0069	MCH	2010-03-26	engr	YU	WEN	CHU	1999-03-26	
U	S05-0098	CH	2005-03-31	chr	MACHONG		2010-03-26		
V	S05-0288	MCH	2005-10-14	dpd	JOEY	NG	2010-03-26		
sheet	revision	AB	R	R	R	R	S		
index	sheet	1	2	3	4	5	6		



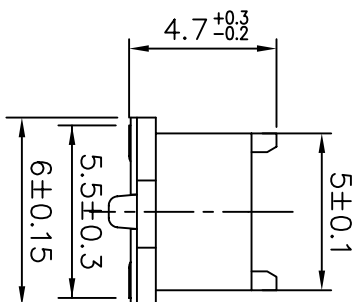
61083

A4

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



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.



PLUG 1

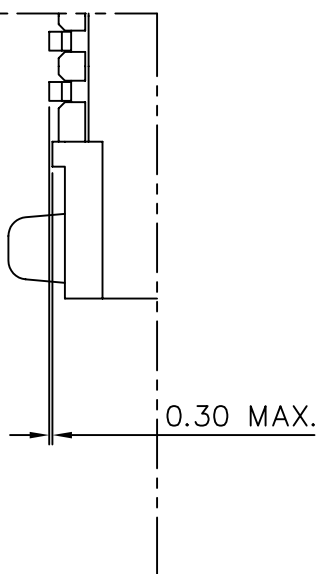
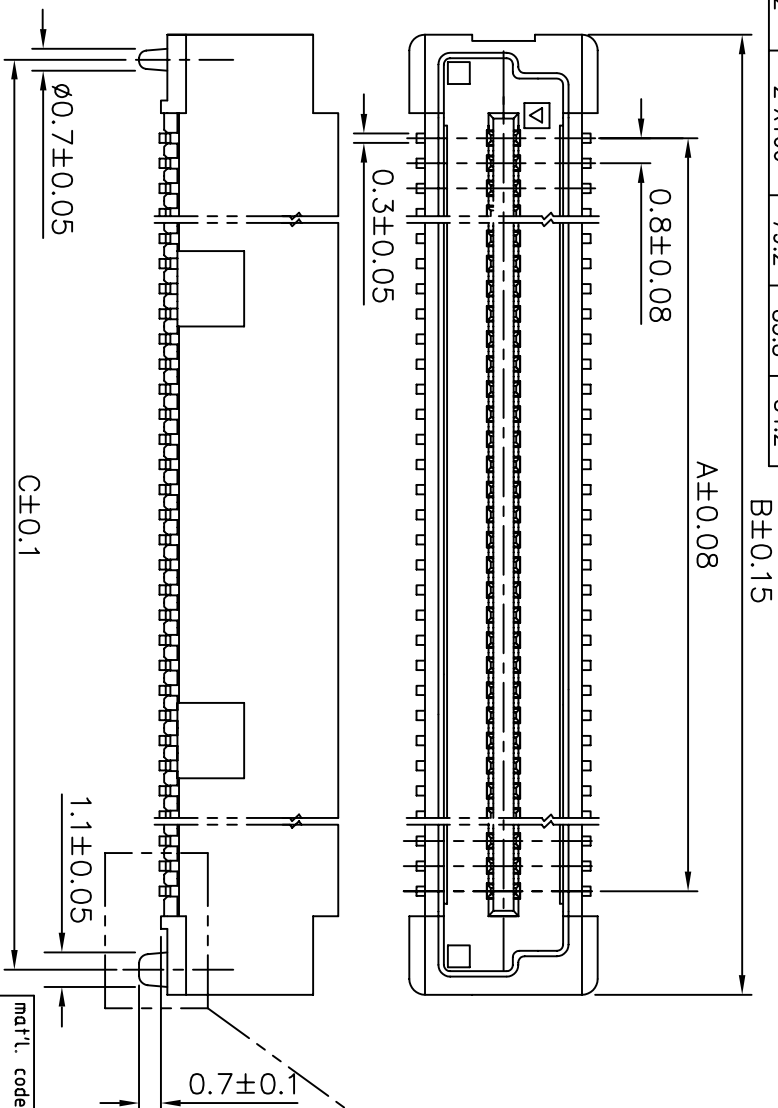
mat'l. code				surface		tolerance	projection		product family	
lfr	ecn no	dr	date	tolerances unless otherwise specified					BERGSTAK	
P				angles						
R	S07-0166	MCH	2007-05-18	0±2°		XXX±0.10	scale 4:1		0.8mm BOARD TO BOARD	
				dr	MAGOLF_WU	1999-03-26			PLUG ASSY	
				engr	YU_WEN_CHU	1999-03-26				
				chr	MACHEONG	2007-05-18				
				appt	JOEY_NG	2007-05-18				
sheet index	revision									



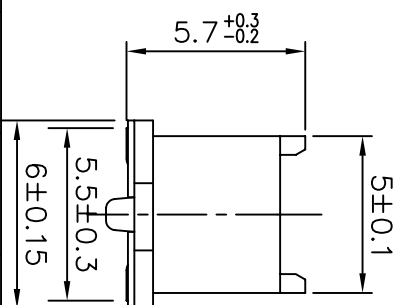
dwg no 61083 sheet 2 of 6 size A4
CUSTOMER Drawing




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

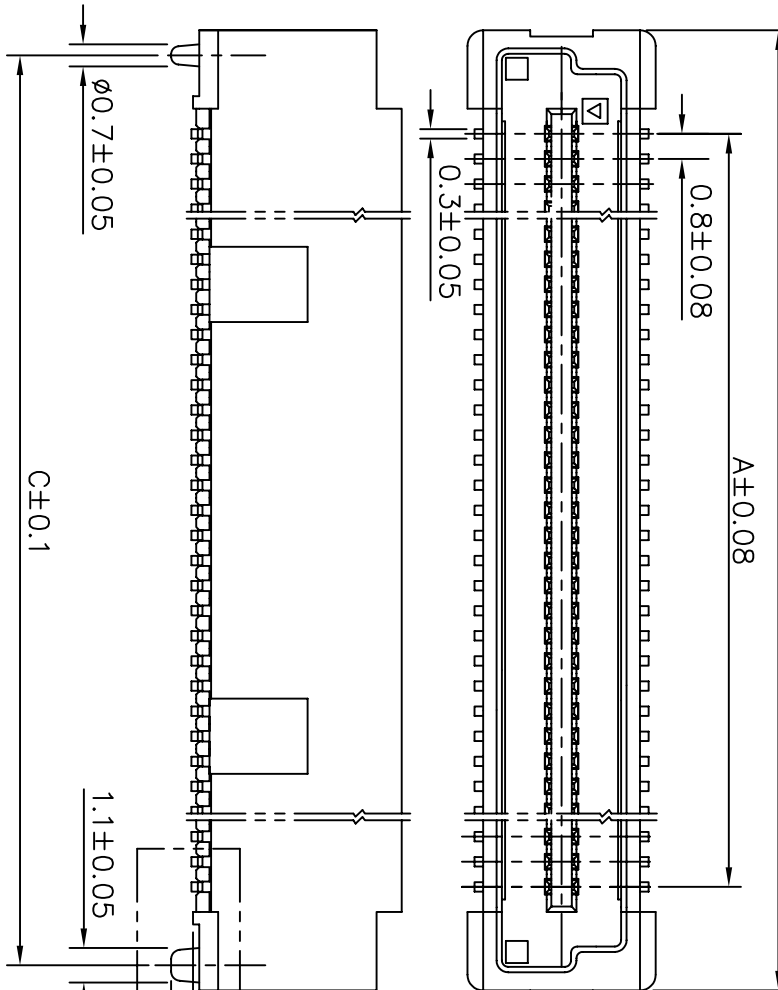


COPLANARITY OF TAIL:
0.1 MAX. APPLIED TO 2X20 TO 2X50 POS.
0.12 MAX. APPLIED TO 2X60 POS.
0.15 MAX. APPLIED TO 2X70 TO 2X90 POS.
0.20 MAX. APPLIED TO 2X100 POS.



mat'l. code		surface		tolerance		projection		product family	
				✓				BERGSTAK	
litr ecn no		dr		date		title		0.8mm BOARD TO BOARD PLUG ASSY	
P						angles		X.0-.20	
R		S07-0166		MCH 2007-05-18		linear		X.X±0.15	
				0±.2°		scale		4:1	
		dr		MAGCIE_WU		1999-03-26		dwg no	
		engr		YU_WEN_CHU		1999-03-26		sheet 3 of 6	
		clrh		MACHEONG		2007-05-18		size	
				apdd		JOEY_NG		2007-05-18	
sheet		revision						type	
index		sheet						CUSTOMER Drawing	
								A4	

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



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				surface		tolerance		projection		product family	
lfr	ecn no	dr	date	tolerances unless otherwise specified						BERGSTAK	
P				angles							
R	S07-0166	MCH	2007-05-18	0±2°							
				XXX±0.10							
				dr	MAGGLE_WU	1999-03-26					
				engr	YU_WEN_CHU	1999-03-26					
				chr	MACHEONG	2007-05-18					
				appt	JOEY_NG	2007-05-18					
sheet index	revision										



title
0.8mm BOARD TO BOARD
PLUG ASSY

dwg no
61083

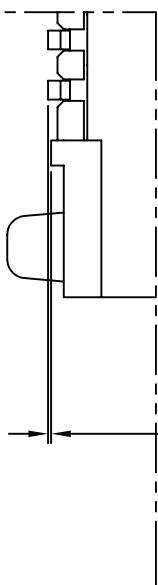
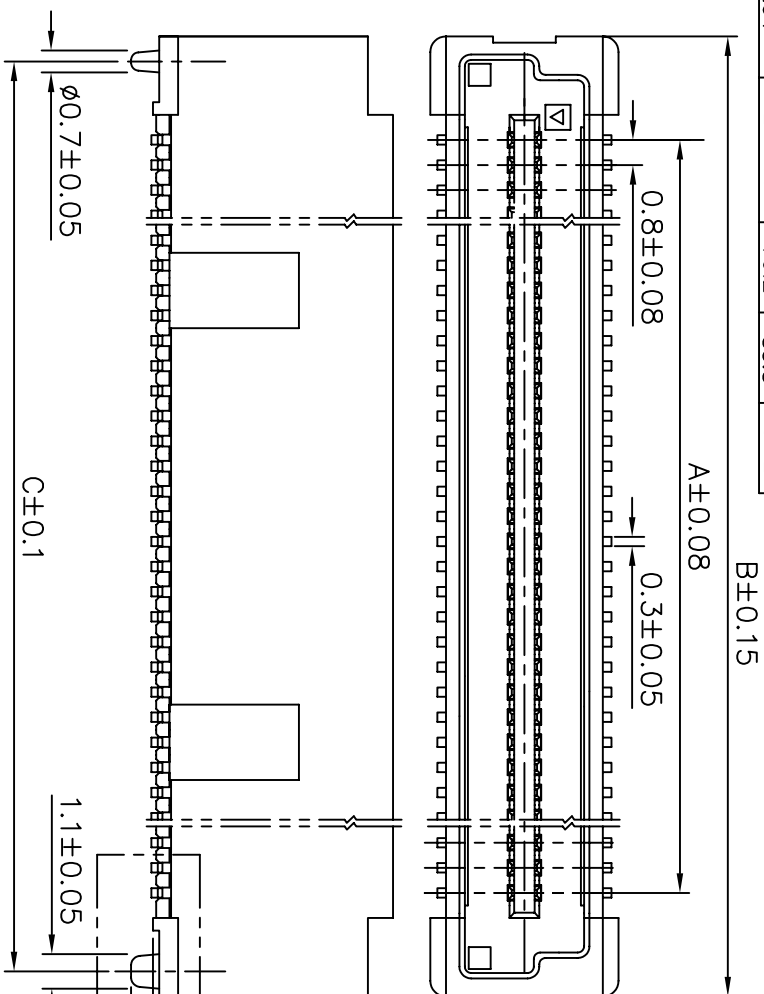
sheet 4 of 6 size
A4

type
CUSTOMER Drawing

PLUG 3

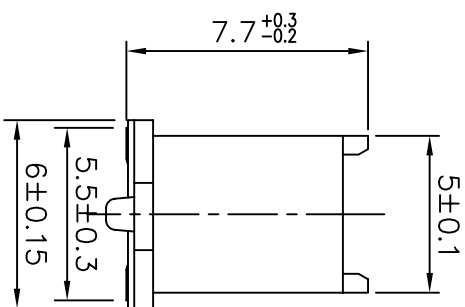


PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61083-044***	2 X20	15.2	21.8	20.2
61083-064***	2 X30	23.2	29.8	28.2
61083-084***	2 X40	31.2	37.8	36.2
61083-104***	2 X50	39.2	45.8	44.2
61083-124***	2 X60	47.2	53.8	52.2
61083-144***	2 X70	55.2	61.8	60.2
61083-164***	2 X80	63.2	69.8	68.2
61083-184***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




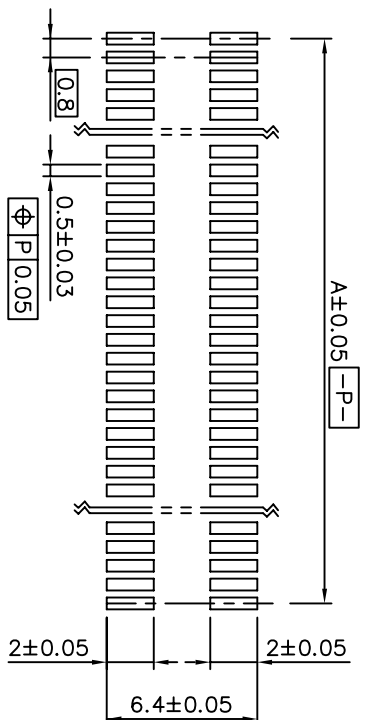
COPLANARITY OF TAIL:
0.1 MAX. APPLIED TO 2X20 TO 2X50 POS.
0.12 MAX. APPLIED TO 2X60 POS.
0.15 MAX. APPLIED TO 2X70 TO 2X90 POS.
0.20 MAX. APPLIED TO 2X100 POS.

0.30 MAX.

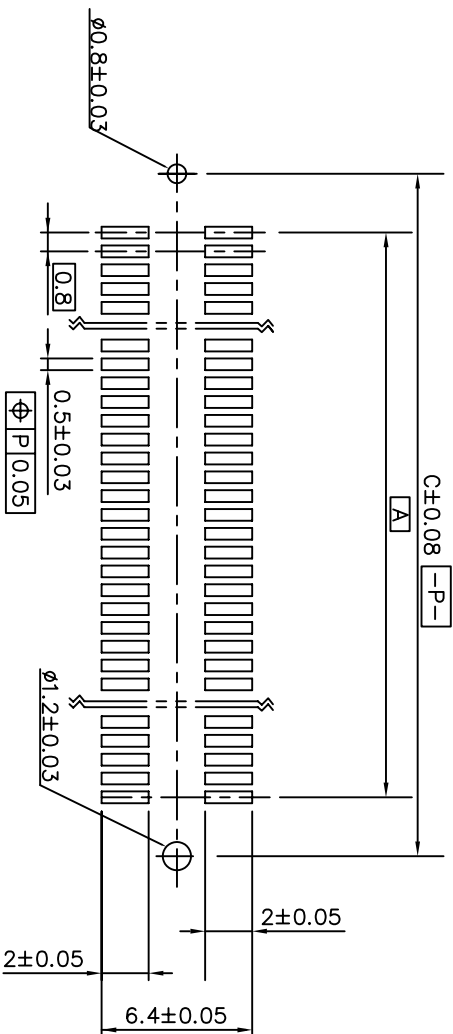


PLUG 4

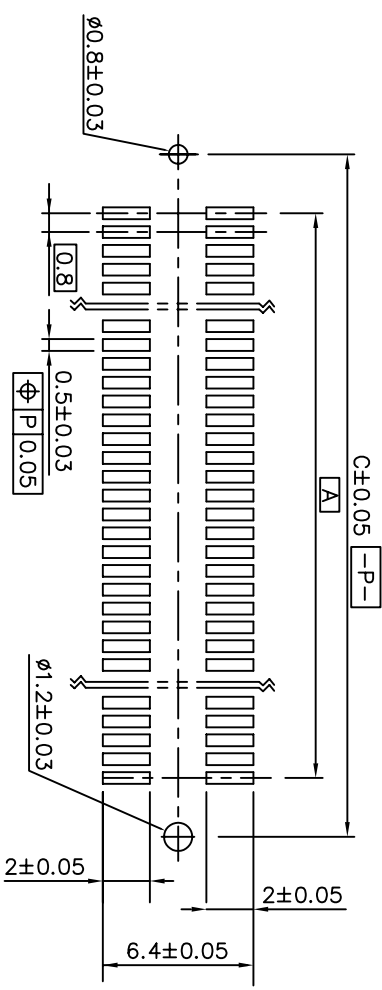
mat'l. code		surface		tolerance		projection		product family	
				✓				BERGSTAK	
ltr ecn no		dr		date		title		0.8mm BOARD TO BOARD PLUG ASS'Y	
P						tolerances unless otherwise specified			
R		S07-0166		MCH 2007-05-18		angles			
						linear			
				0±.2		.XX±0.10		scale 4:1	
				dr		MAGGIE_WU		1999-03-26	
						ENGR YU_WEN_CHU		1999-03-26	
						CHN MACHEONG		2007-05-18	
						dppd		JOEY_NG 2007-05-18	
sheet index		revision		sheet		type		CUSTOMER Drawing	



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



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

mat'l. code				surface		tolerance		projection		product family	
lfr	ecn no	dr	date	tolerance unless otherwise specified		projection		product family		title	
N	S07-0166	MCH	2007-05-18	angles	0°±2°	XX±0.15	MM	0.8mm BOARD TO BOARD		PLUG ASSY	
P	S08-0043	MCH	2008-02-20	0°±2°	XXX±0.10	scale 3:1		dwg no		sheet 6 of 6 size	
R	S10-0069	MCH	2010-03-26	engr	YU_WEN_CHU	1999-03-26		61083		A4	
S				chr	MACHEONG	2010-03-26		CUSTOMER Drawing			
sheet revision				appr	JOEY_NG	2010-03-26					
index				sheet							