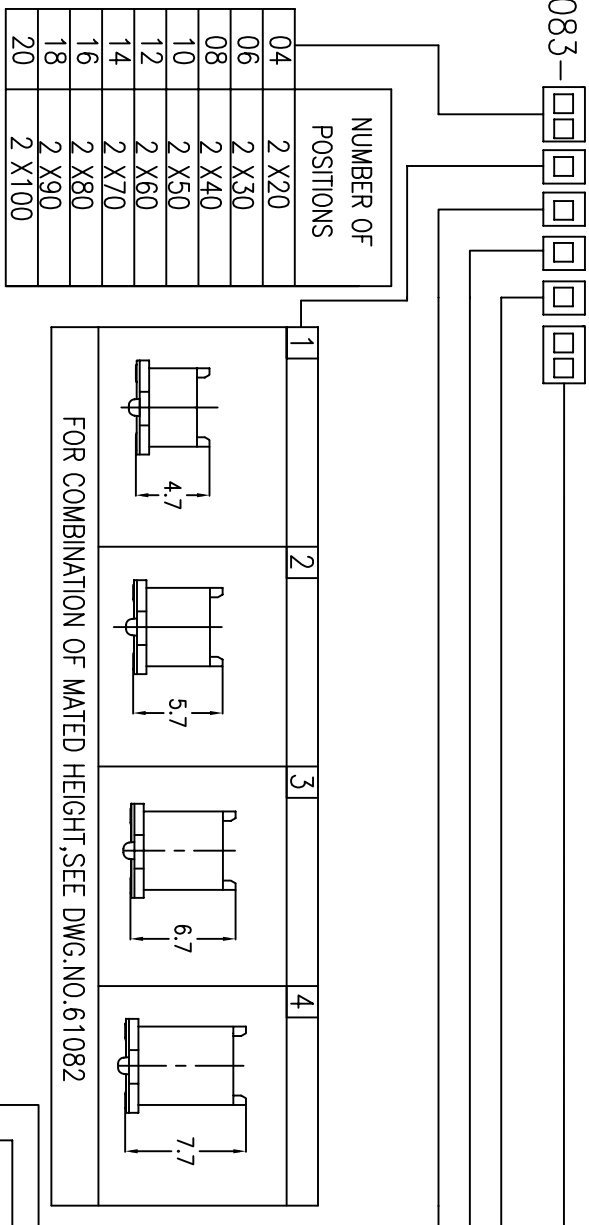


61083-



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

Plating on Contact Area	Plating on Solder Tail
0 GOLD 0.2 um MIN. / TIN LEAD SOLDER NICKEL UNDERPLATE OVERALL 1.27 um MIN	EMPTY
1 PALLADIUM-NICKEL 0.76 um MIN. 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 um MIN. WITH GOLD FLASH (0.1 um MIN.) / MATT PURE TIN ON SOLDER TAIL NICKEL UNDERPLATE OVERALL 1.27 um MIN	LF (note 6&8.)

Mat'l. code	Surface	Tolerance	Projection	Product Family
0	GOLD 0.2 um MIN. / TIN LEAD SOLDER			BERGSTAK
1	PALLADIUM-NICKEL 0.76 um MIN. WITH GOLD FLASH (0.1 um MIN.) / TIN LEAD SOLDER			0.8mm BOARD TO BOARD PLUG ASSY
4	GOLD 0.2 um MIN. / MATT PURE TIN ON SOLDER TAIL			
5	GOLD 0.38 um / MATT PURE TIN ON SOLDER TAIL			
6	PALLADIUM-NICKEL 0.76 um MIN. WITH GOLD FLASH (0.1 um MIN.) / MATT PURE TIN ON SOLDER TAIL			

Utr	ecn no	dr	date	tolerance unless otherwise specified	angles	scale	projection	product family
W	S07-0166	MCH	2007-05-18		X3.0/20	4:1		
X	S07-0416	MCH	2007-11-22		XX3.0/15			
Y	S08-0043	MCH	2008-02-20	0±2°	XXX±0.10			
AA	S08-0330	MCH	2008-10-08					
AB	S10-0069	MCH	2010-03-28	engr	YU_WEN_CHU			
U	S05-0098	CH	2005-03-31	chr	MACHONG			
V	S05-0288	MCH	2005-10-14	dpd	JOCY_NG			

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sheet index	revision	AB	R	R	R	S
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sheet index	revision	AB	R	R	R	S
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sheet index	revision	AB	R	R	R	S
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sheet index	revision	AB	R	R	R	S
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sheet index	revision	AB	R	R	R	S
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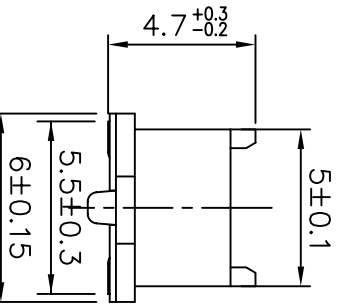
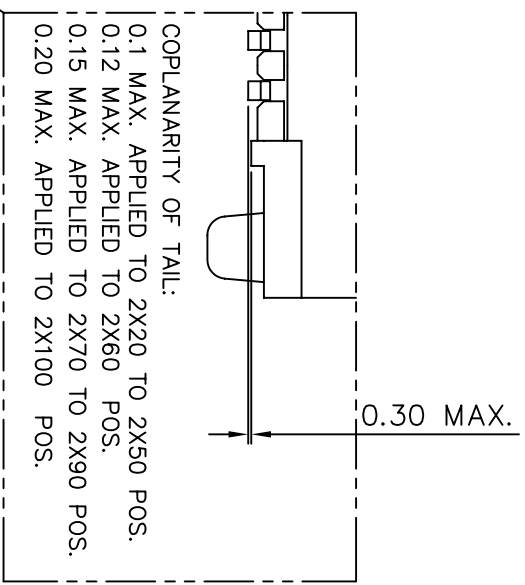
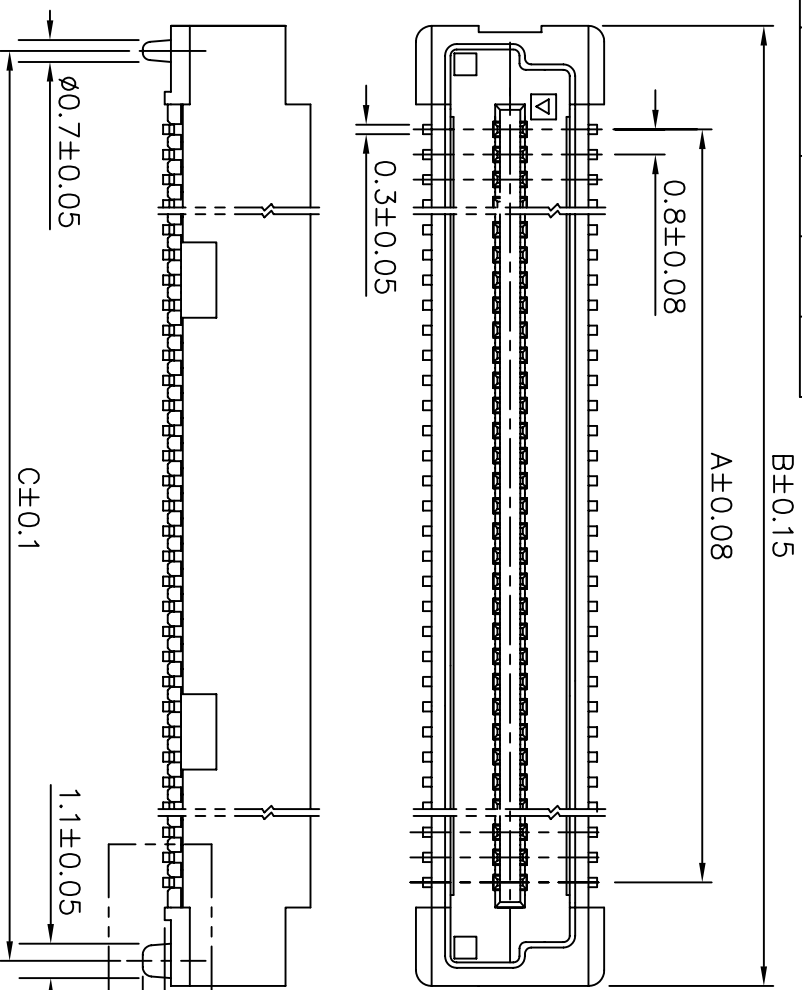
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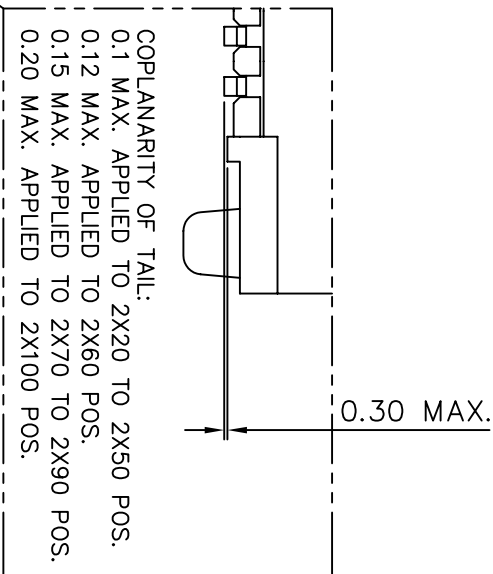
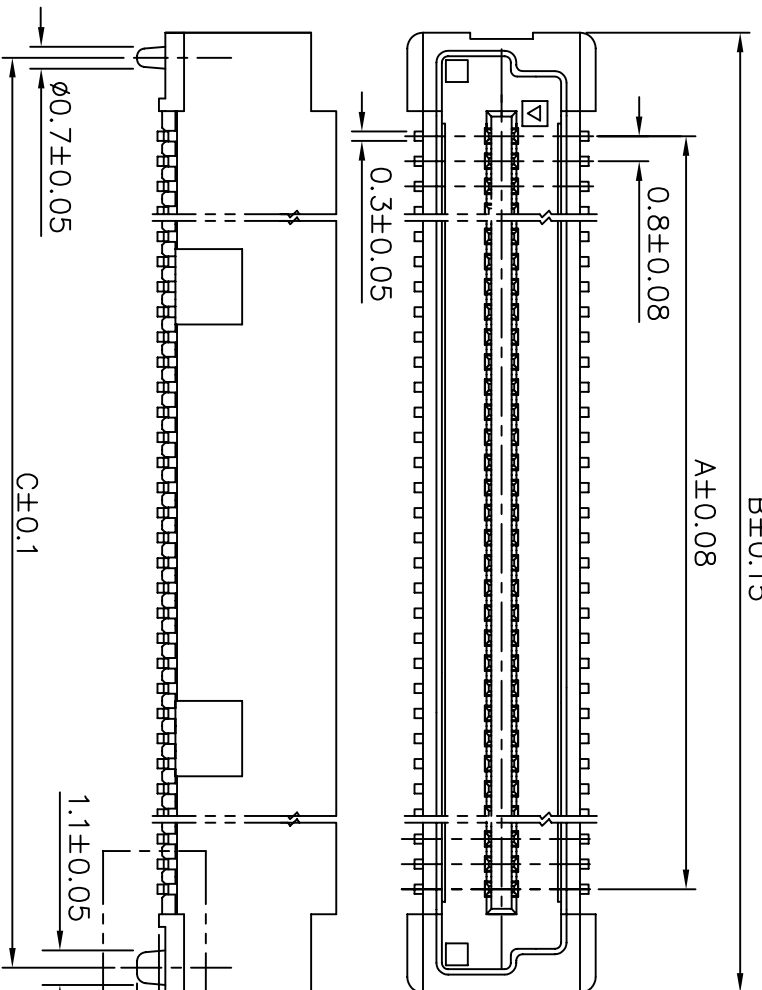
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		A	B	C
61083-041***	2 X20	15.2	21.8	20.2
61083-061***	2 X30	23.2	29.8	28.2
61083-081***	2 X40	31.2	37.8	36.2
61083-101***	2 X50	39.2	45.8	44.2
61083-121***	2 X60	47.2	53.8	52.2
61083-141***	2 X70	55.2	61.8	60.2
61083-161***	2 X80	63.2	69.8	68.2
61083-181***	2 X90	71.2	77.8	76.2
61083-201***	2 X100	79.2	85.8	84.2



PLUG 1

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

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

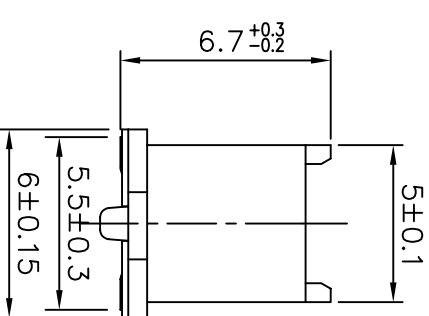
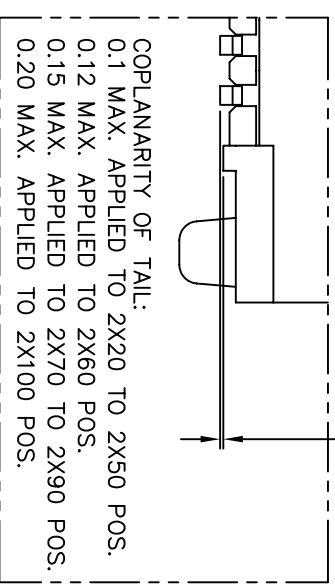
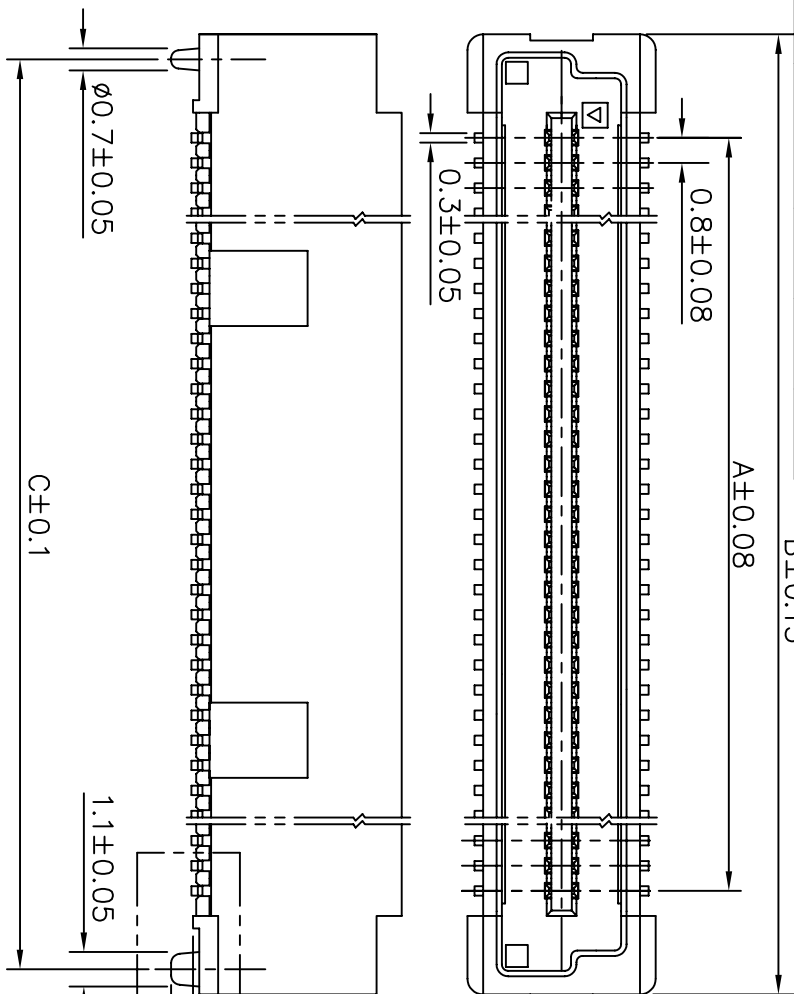


PLUG 2

mat'l. code		surface		tolerance		projection		product family	
lfr	ecn no	dr	date	tolerance unless otherwise specified		MM		BERGSTAK	
P				angles	XXX±0.15	MM		0.8mm BOARD TO BOARD	
R	S07-0166	MCH	2007-05-18	0±2°	XXX±0.10	scale 4:1		PLUG ASSY	
		dr	MAGGLE_WU	1999-03-26				sheet 3 of 6 size	
		enfr	YU_WEN_CHU	1999-03-26				61083	
		chr	MACHONG	2007-05-18				CUSTOMER Drawing	
		dppd	JOEY_NG	2007-05-18				A4	
sheet index	revision								



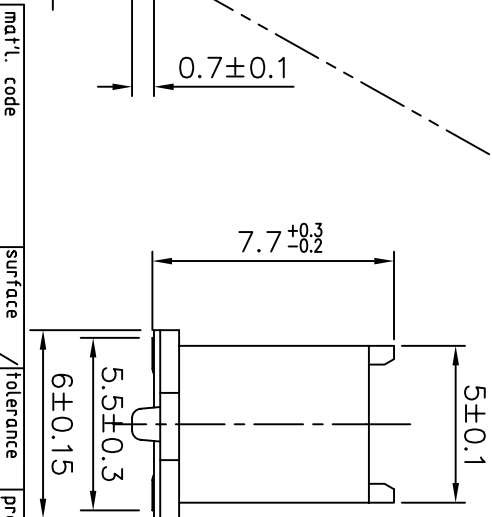
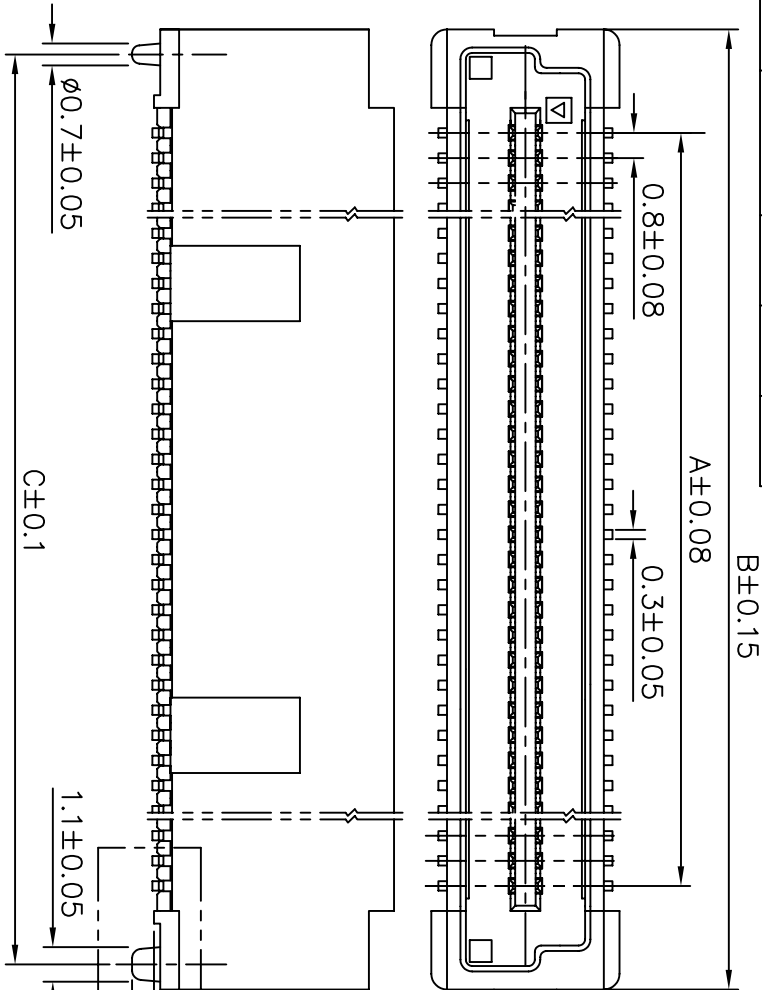
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61083-043***	2 X20	15.2	21.8	20.2
61083-063***	2 X30	23.2	29.8	28.2
61083-083***	2 X40	31.2	37.8	36.2
61083-103***	2 X50	39.2	45.8	44.2
61083-123***	2 X60	47.2	53.8	52.2
61083-143***	2 X70	55.2	61.8	60.2
61083-163***	2 X80	63.2	69.8	68.2
61083-183***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



PLUG 3

mat'l. code		surface		tolerance		projection		product family	
lfr	ecn no	dr	date	tolerance unless otherwise specified		projection		BERGSTAK	
P				angles	XXX±0.15	MM		0.8mm BOARD TO BOARD	
R	S07-0166	MCH	2007-05-18	0±2°	XXX±0.10	scale 4:1		PLUG ASSY	
		dr	MAGGIE_WU	1999-03-26			dwg no		sheet 4 of 6 size
		engr	YU_WEN_CHU	1999-03-26			61083		A4
		chr	MACHONG	2007-05-18			CUSTOMER Drawing		
		dppd	JOEY_NG	2007-05-18					
sheet index	revision								

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



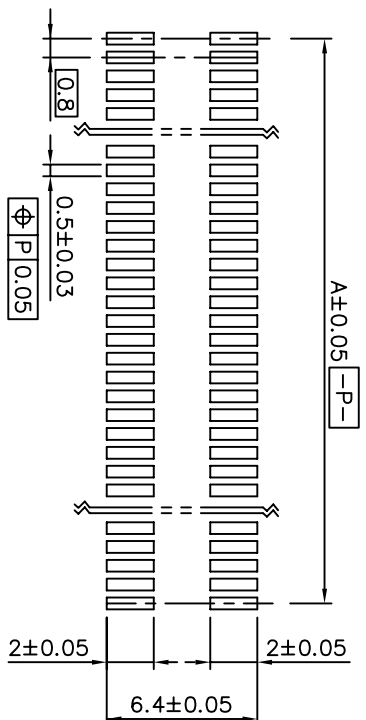
COPLANARITY OF TAIL:
 0.1 MAX. APPLIED TO 2X20 TO 2X50 POS.
 0.12 MAX. APPLIED TO 2X60 POS.
 0.15 MAX. APPLIED TO 2X70 TO 2X90 POS.
 0.20 MAX. APPLIED TO 2X100 POS.

PLUG 4

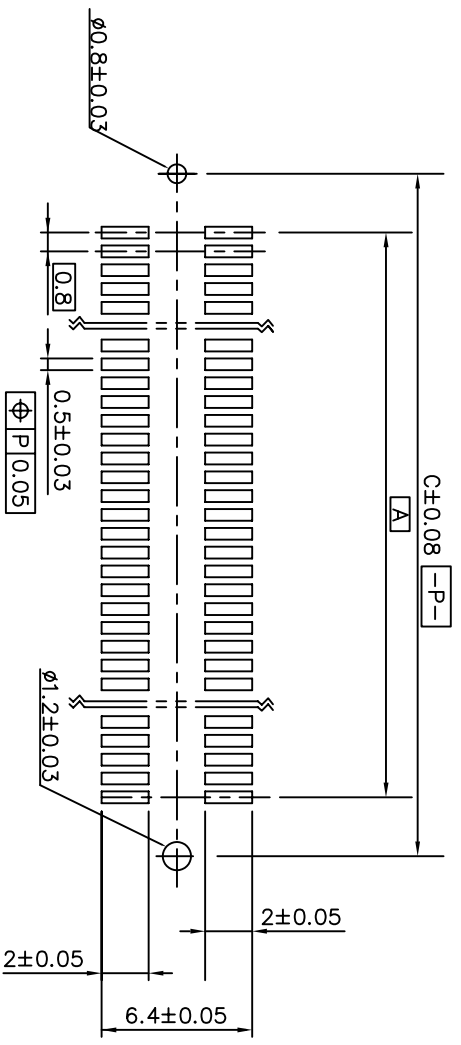
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P									
R	S07-0166	MCH	2007-05-18						
				0±2°	XXX±0.10	scale 4:1			
		dr	MAGGIE_WU	1999-03-26					
		engr	YU_WEN_CHU	1999-03-26					
		chr	MACHONG	2007-05-18					
		dppd	JOEY_NG	2007-05-18					
sheet index	revision	sheet	revision						



product family: BERGSTAK
 title: 0.8mm BOARD TO BOARD PLUG ASSY
 sheet no: 61083
 sheet 5 of 6 size A4
 type: CUSTOMER Drawing

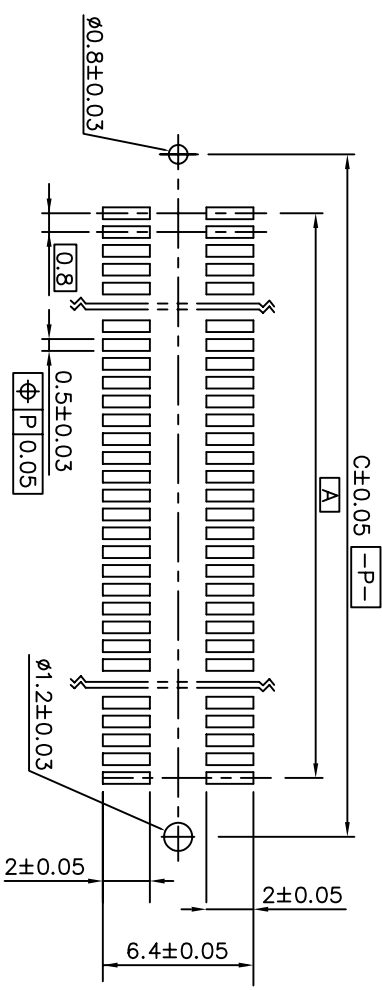


RECOMMENDED PCB LAYOUT WITHOUT PEG AND HOLDDOWN
FOR NO. OF POS. 2X20, 2X30, 2X40, 2X50, 2X60



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

FOR PLUG 1/2/3/4



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	angles	tolerance unless otherwise specified	MM	MM	title	type
N	S07-0166	MCH	2007-05-18	X30.20				0.8mm BOARD TO BOARD PLUG ASSY	
P	S08-0043	MCH	2008-02-20	0±2°	XXX±0.15				
R	S10-0069	MCH	2010-03-26	XXX±0.10					
S									
sheet index		revision		sheet		sheet		sheet	



dwg no 61083
sheet 6 of 6 size A4
CUSTOMER Drawing