



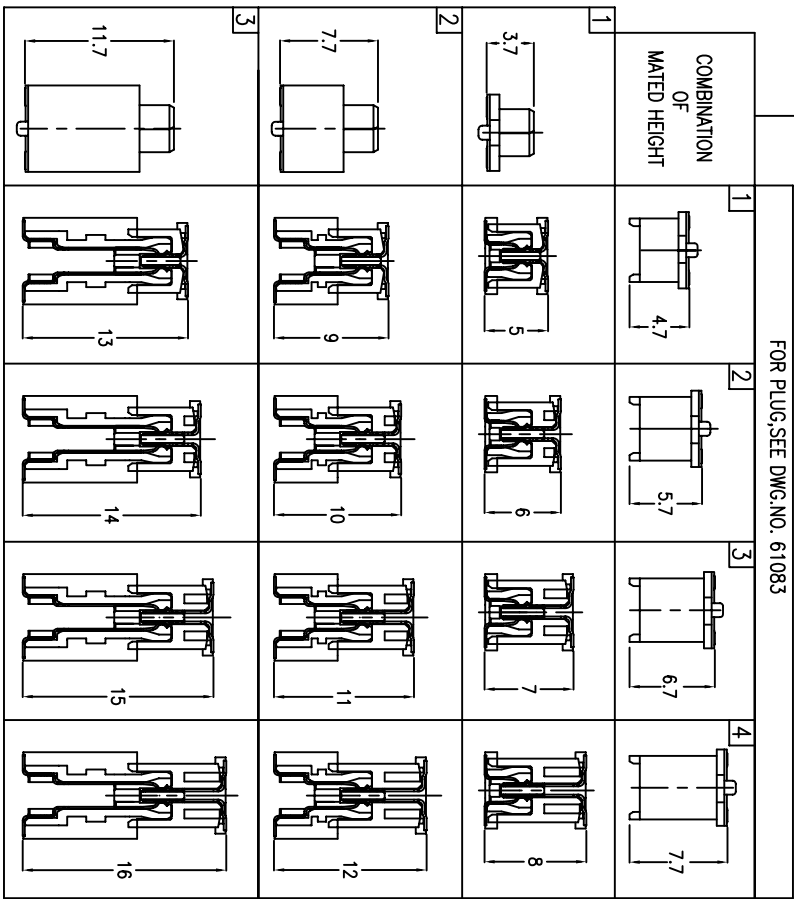
61082 -

1 | 2

3 |

4

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



FOR PLUG, SEE DWG. NO. 61083

PACKAGING	
0	TUBE WITHOUT CAP
2	TAPE & REEL WITH CAP
9	TUBE WITH CAP
3	TRAY WITH CAP
6	T & R WITHOUT CAP (WITH KARTON TAPE)

POLARIZATION PEG		HOLD DOWN	
0	YES	NO	NO
2	NO	NO	NO

PLATING ON CONTACT AREA		
0	GOLD 0.2 um MIN. / TIN LEAD SOLDER NICKEL UNDERPLATE OVERALL 1.27um MIN	(EMPTY)
1	PALLADIUM-NICKEL 0.76 umMIN. WITH GOLD FLASH (0.1 um MIN.) / TIN LEAD SOLDER NICKEL UNDERPLATE OVERALL 1.27um MIN	(EMPTY)
4	GOLD 0.2um MIN. / MATT PURE TIN ON SOLDER TAIL (LEAD FREE PLATING) NICKEL UNDERPLATE OVERALL 1.27um MIN	LF (note 7&8.)
5	GOLD 0.38um MIN. / MATT PURE TIN ON SOLDER TAIL (LEAD FREE PLATING) NICKEL UNDERPLATE OVERALL 1.27um MIN	LF (note 7.)
6	PALLADIUM-NICKEL 0.76 umMIN. WITH GOLD FLASH (0.1 um MIN.) / MATT PURE TIN SOLDER (LEAD FREE PLATING) NICKEL UNDERPLATE OVERALL 1.27um MIN	LF (note 7&8.)

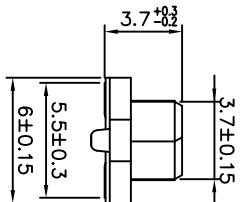
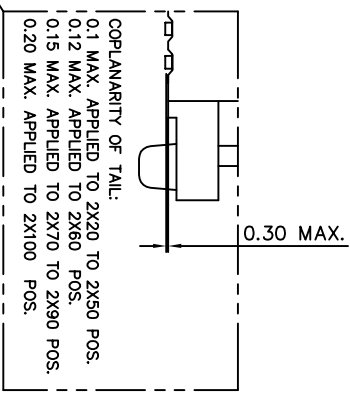
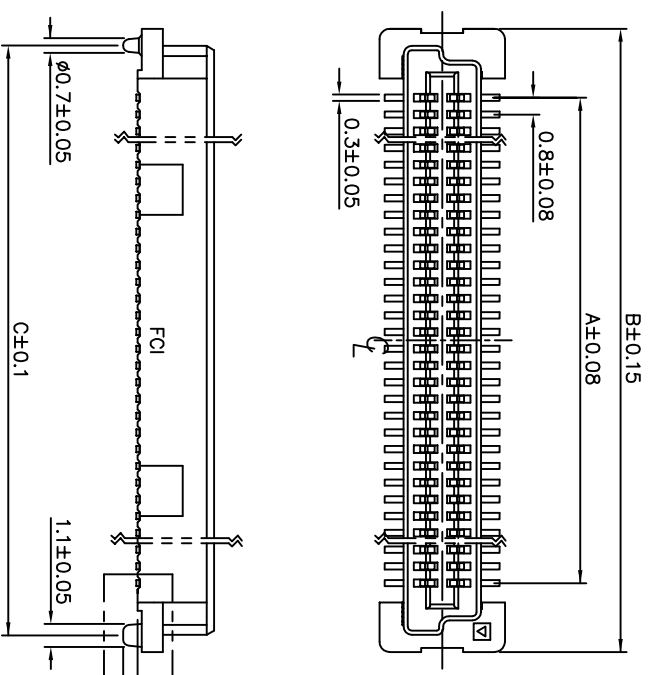
NOTES:  
1. MATERIAL HOUSING: G.F.LCP UL94V-0  
TERMINAL: BERYLLIUM COPPER.  
2. PLATING AS TABLE SHOW.

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 PACKAGING, LIMITED TO CERTAIN SIZES."  
PACKING OPTION 2: "NOT ALL SIZES ARE AVAILABLE; CHECK WITH FACTORY"  
6. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRARED OR VAPOR PHASE REFLOW OVEN

7. 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	surface	tolerance	projection	product family						
Utr	ecn no	dr	date	tolerances unless otherwise specified						
W	S07-0166	MCH	2007-05-18	angles						
X	S07-0416	MCH	2007-11-22	XX±0.15						
Y	S08-0330	MCH	2008-10-08	0°±2°						
S	T04-0094	MW	2004-03-05	dr						
T	S04-0133	MW	2004-06-23	engr						
U	S04-0167	CH	2004-07-30	chr						
V	S04-0098	CH	2005-03-31	ppd						
sheet index	revision	Y	T	S	S	S	S	S	S	S
1	2	3	4	5	6					

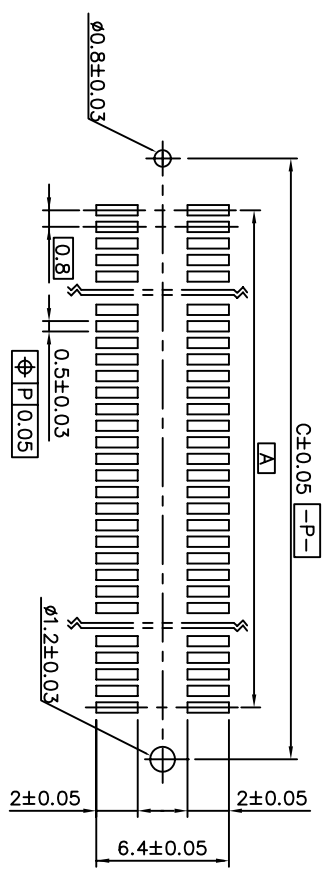
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61082-041***	2 X20	15.2	21.8	20.2
61082-061***	2 X30	23.2	29.8	28.2
61082-081***	2 X40	31.2	37.8	36.2
61082-101***	2 X50	39.2	45.8	44.2
61082-121***	2 X60	47.2	53.8	52.2
61082-141***	2 X70	55.2	61.8	60.2
61082-161***	2 X80	63.2	69.8	68.2
61082-181***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



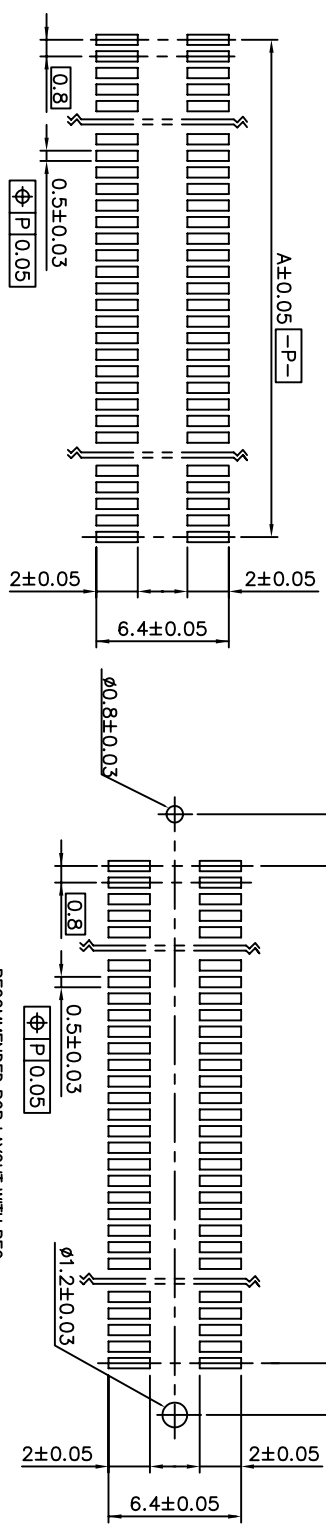
RECEPTACLE 1

mat'l. code		surface		tolerance		projection		product family	
140		S8		141		MM		BERGSTAK	
lfr	ecr no	dr	date	tolerance unless otherwise specified	angles	scale	type	title	dwg no
R	S07-0166	MCH	2008-05-16		X±0.20	4	type	0.8mm BOARD TO BOARD RECEPTACLE ASSY	61082
T	S08-0330	MCH	2008-10-08		X±0.15		sheet 2 of 6 size		
		dr	MAGGLE_WU	1999-03-26					
		engr	YU_WEN_CHU	1999-03-26					
		chr	MACHONG	2008-10-08					A4
		dppd	JOEY_NG	2008-10-08					CUSTOMER Drawing
sheet index	revision								

FOR RECEPACLE 1



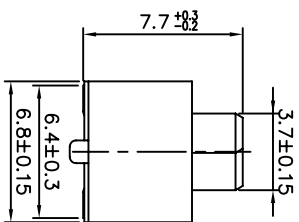
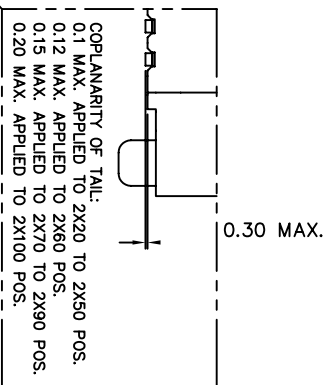
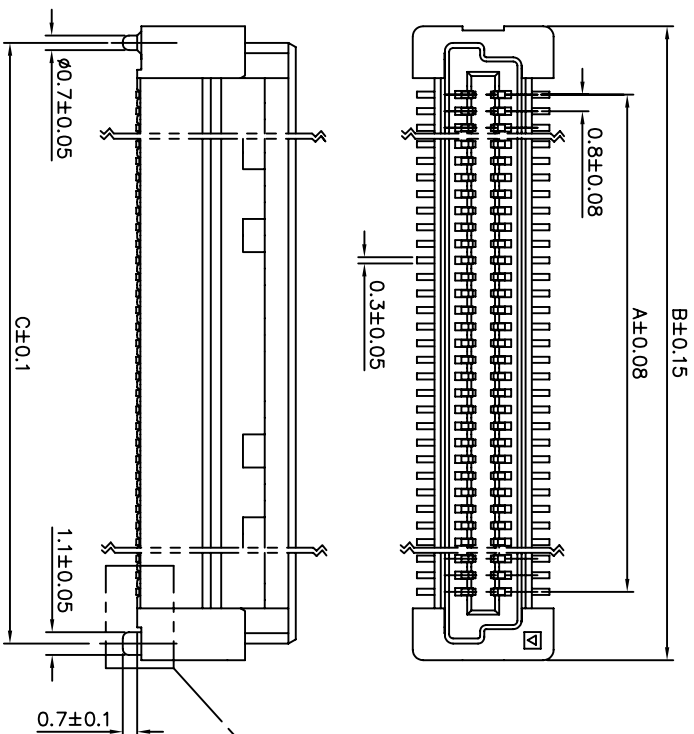
RECOMMENDED PCB LAYOUT WITH PEG  
FOR NO. OF POSITION 2X20, 2X30, 2X40, 2X50, 2X60



RECOMMENDED PCB LAYOUT WITHOUT PEG AND HOLLOWDOWN  
RECOMMENDED PCB LAYOUT WITH PEG  
FOR NO. OF POS. 2X70, 2X80, 2X90, 2X100

mat'l. code	surface	tolerance	projection	product family
Ltr	ecn no	dr	date	tolerances unless otherwise specified
P	S07-01661	MCH	2007-05-16	.X±0.20
R	S07-04161	MCH	2007-11-22	0 ±.2
S	S07-04161	MCH	2007-11-22	XXX±0.10
	dr	MAGGIE_WU	1999-03-28	Scale 3:1
	enfr	YU_WEN_CHU	1999-03-28	
	chr	MACHEONG	2007-11-22	
	appd	JOEY_NG	2007-11-22	
sheet	revision			
index	sheet			
title				product family
0.8mm BOARD TO BOARD RECEPACLE ASS'Y				BERGSTAK
dwg no		sheet 3 of 6		size
61082				A4
type CUSTOMER Drawing				

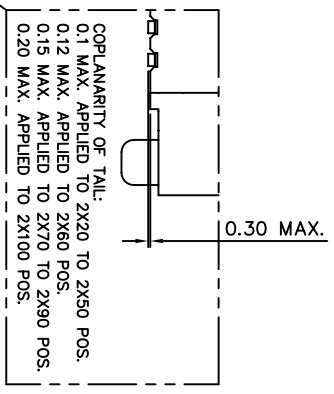
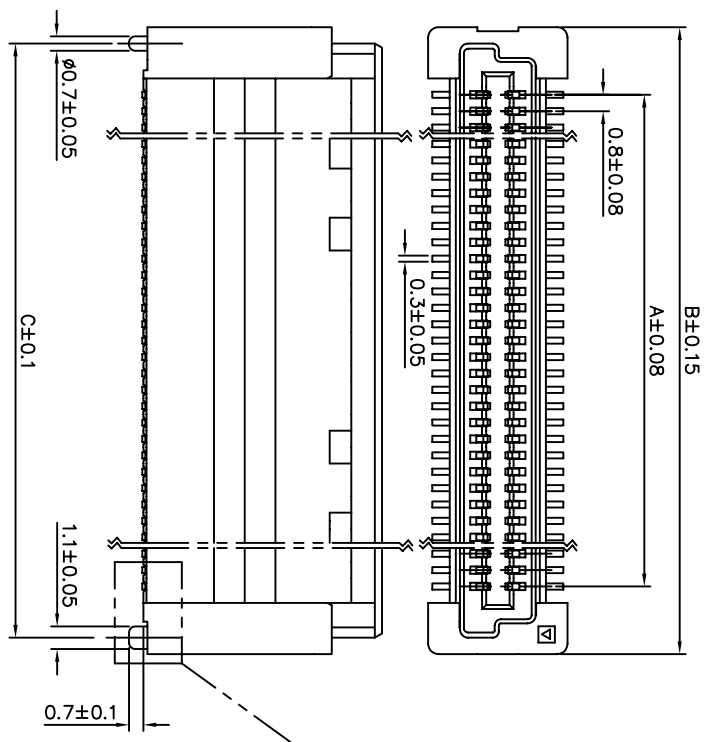
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61082-042***	2 X20	15.2	21.8	20.2
61082-062***	2 X30	23.2	29.8	28.2
61082-082***	2 X40	31.2	37.8	36.2
61082-102***	2 X50	39.2	45.8	44.2
61082-122***	2 X60	47.2	53.8	52.2
61082-142***	2 X70	55.2	61.8	60.2
61082-162***	2 X80	63.2	69.8	68.2
61082-182***	2 X90	71.2	77.8	76.2
61082-202***	2 X100	79.2	85.8	84.2



RECEPTACLE 2

mat'l. code		surface		tolerance		projection		product family	
Ltr	ecn no	dr	date	tolerances unless otherwise specified	angles	MM	Scale	title	product family
S	S07-0166	MCH	2007-05-16	XX±0.15	0°±2'	MM	3:1	0.8mm BOARD TO BOARD RECEPTACLE ASS'Y	BERGSTAK
				XXX±0.10					
				MAGGIE_WU	1999-03-28				
				YU_MEN_CHU	1999-03-28				
				MACHONG	2007-05-16				
				JOEY_NG	2007-05-16				
sheet	revision								
index	sheet								

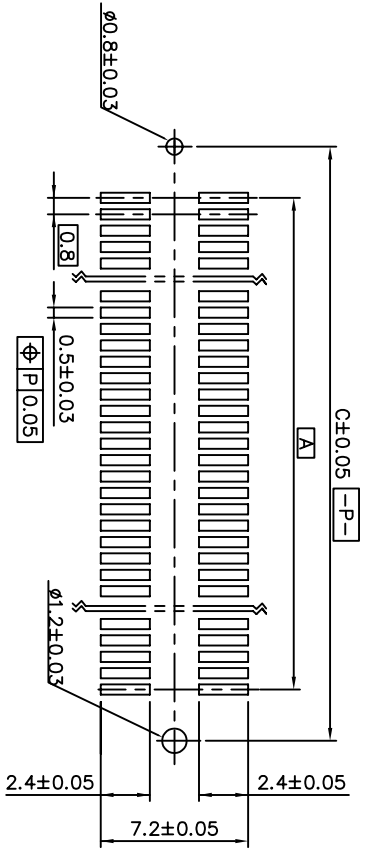
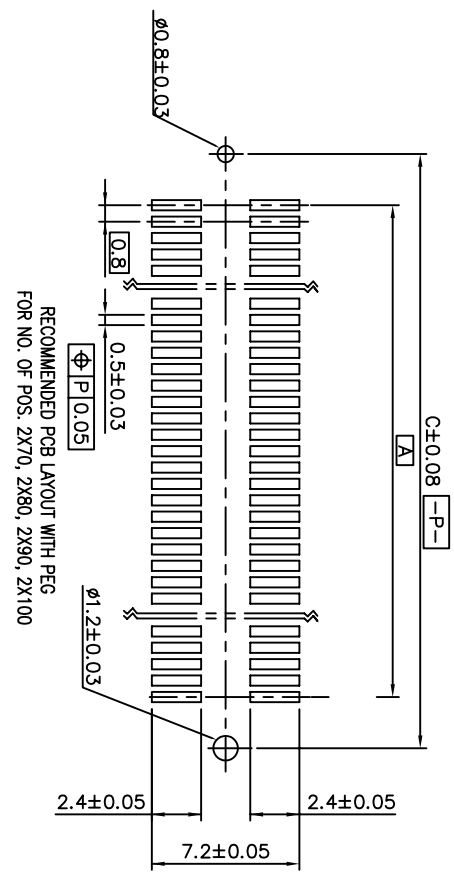
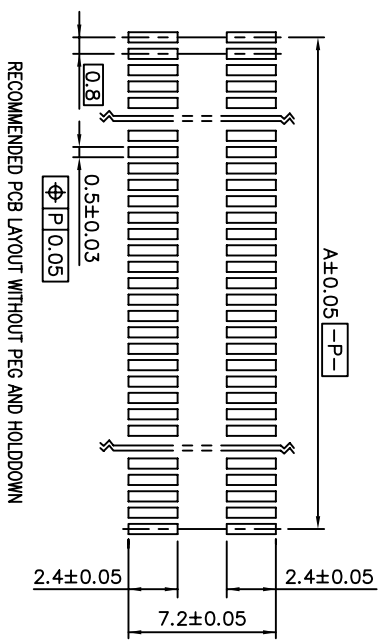
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61082-043***	2 X20	15.2	21.8	20.2
61082-063***	2 X30	23.2	29.8	28.2
61082-083***	2 X40	31.2	37.8	36.2
61082-103***	2 X50	39.2	45.8	44.2
61082-123***	2 X60	47.2	53.8	52.2
61082-143***	2 X70	55.2	61.8	60.2
61082-163***	2 X80	63.2	69.8	68.2
61082-183***	2 X90	71.2	77.8	76.2
61082-203***	2 X100	79.2	85.8	84.2



RECEPTACLE 3

mat'l. code		surface		tolerance		projection		product family	
lfr	ecm no	dr	date	tolerances unless otherwise specified		MM		BERGSTAK	
R	S07-0166	MCH	2007-05-16	angles	X±0.20	MM		0.8mm BOARD TO BOARD RECEPTACLE ASSY	
				0°±2'	XXX±0.15	Scale 3:1		sheet 5 of 6 size	
				dr	MAGGIE_WU	1999-03-26		A4	
				engr	YU_WEN_CHU	1999-03-26		CUSTOMER Drawing	
				chr	M.CHEONG	2007-05-16			
				appd	JOEY_NG	2007-05-16			
sheet index	revision								

FOR RECEPTACLE 2/3



RECOMMENDED PCB LAYOUT WITHOUT PEG AND HOLDDOWN

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

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

mat'l. code		surface		tolerance		projection		product family	
lfr	ecn no	dr	date	tolerances unless otherwise specified		MM		BERGSTAK	
P	S07-0166	MCH	2007-08-16	angles	X±0.20	MM		0.8mm BOARD TO BOARD RECEPTACLE ASSY	
R	S07-0416	MCH	2007-11-22	0°±2'	XX±0.15	Scale 3:1		dwg no 61082	
S	S07-0416	MCH	2007-11-22	dr	MAGGIE_WU	1999-03-26	engr	YU_WEN_CHU	1999-03-26
				chf	M.CHEONG	2007-11-22	chf	M.CHEONG	2007-11-22
				appd	JOEY_NG	2007-11-22	appd	JOEY_NG	2007-11-22
sheet index	revision							sheet 6 of 6 size	
								A4	
								CUSTOMER Drawing	