

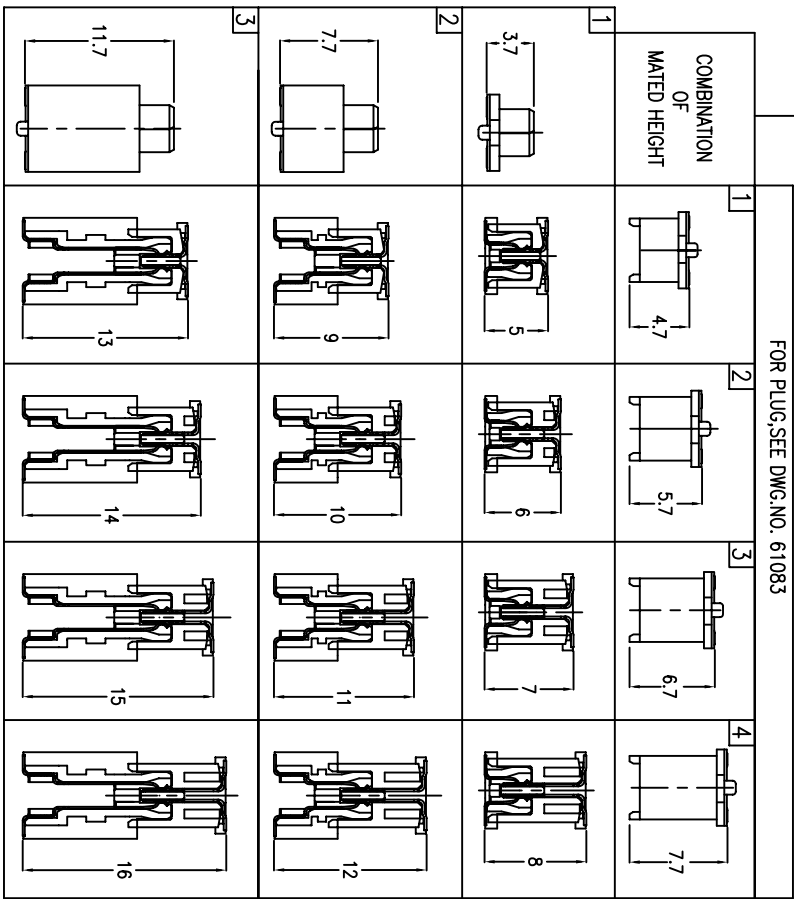
61082 -

1 | 2

3 |

4

NUMBER OF POSITIONS	COMBINATION OF MATED HEIGHT
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 KAPTON 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

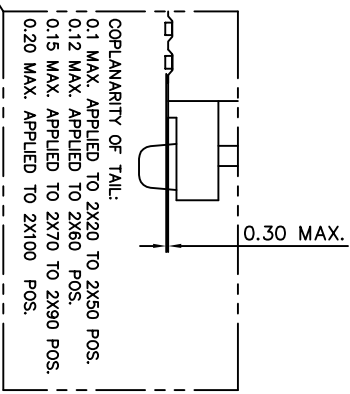
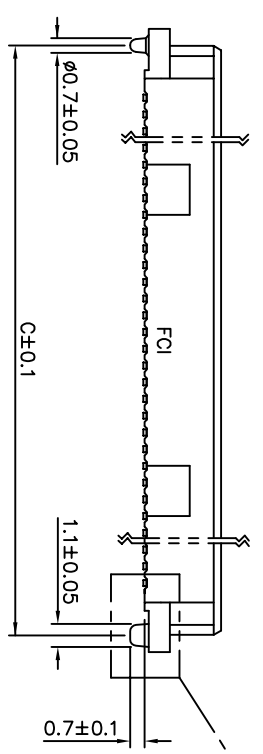
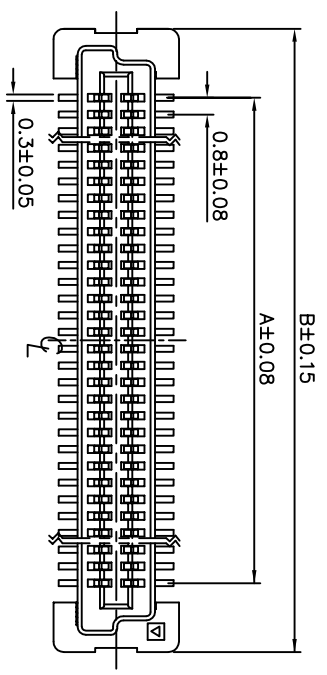
THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
PLATING OPTION '4' IS LEADFREE ALTERNATIVE FOR OPTION '0', AND OPTION '6' IS LEADFREE ALTERNATIVE FOR OPTION '1'.

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					

A B

A B

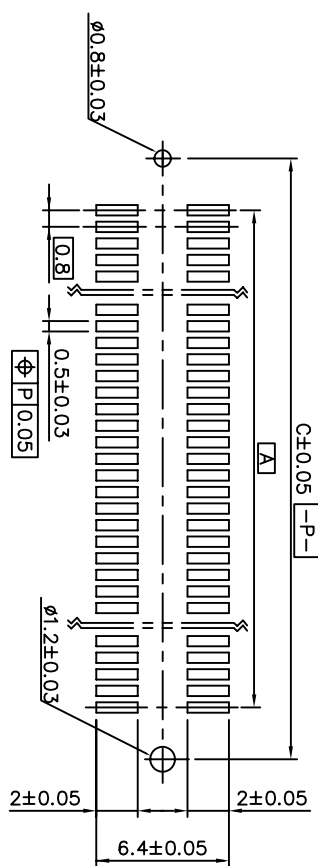
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61082-041***	2 X20	15.2	21.8	20.2
61082-061***	2 X30	23.2	29.8	28.2
61082-081***	2 X40	31.2	37.8	36.2
61082-101***	2 X50	39.2	45.8	44.2
61082-121***	2 X60	47.2	53.8	52.2
61082-141***	2 X70	55.2	61.8	60.2
61082-161***	2 X80	63.2	69.8	68.2
61082-181***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



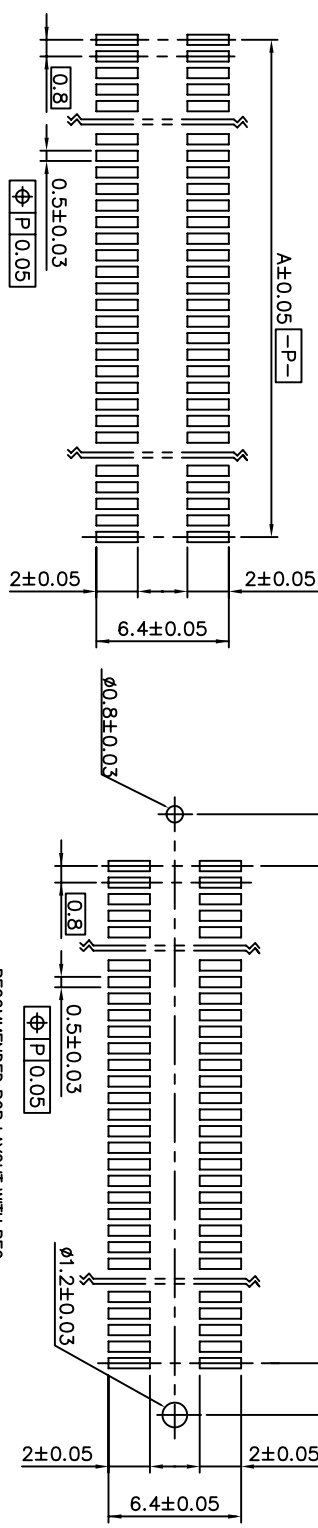
RECEPTACLE 1

mat'l. code		surface		tolerance		projection		product family	
140		S8		141		MM		BERGSTAK	
lfr	ecr no	dr	date	tolerance unless otherwise specified		MM		title	
R	S07-0166	MCH	2008-05-16	angles	XXX±0.15	MM		0.8mm BOARD TO BOARD	
T	S08-0330	MCH	2008-10-08	0±2°	XXX±0.10	MM		RECEPTACLE ASS'Y	
sheet index		revision		dr	MAGGLE_WU	scale		dwg no	
1		1		engr	YU_WEN_CHU	4		61082	
				chr	MACHONG			sheet 2 of 6 size	
				dppd	JOEY_NG			A4	
								CUSTOMER Drawing	

FOR RECEPTACLE 1



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



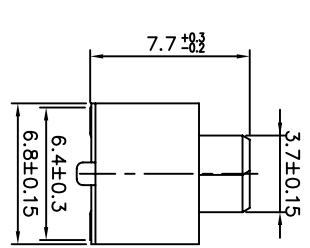
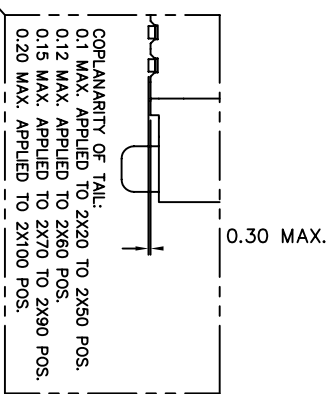
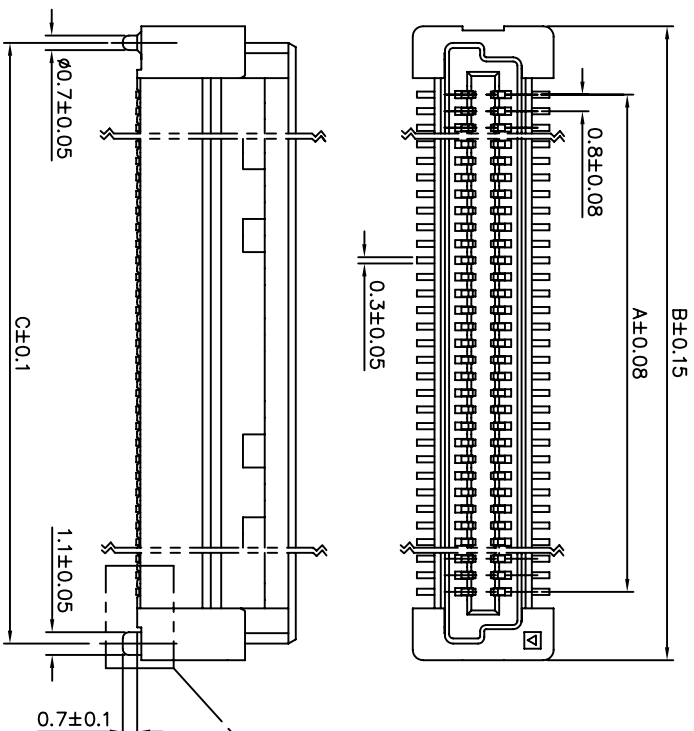
RECOMMENDED PCB LAYOUT WITHOUT PEG AND HOLLOWDOWN
RECOMMENDED PCB LAYOUT WITH PEG
FOR NO. OF POS. 2X70, 2X80, 2X90, 2X100

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 index	revision	sheet		

title	product family
0.8mm BOARD TO BOARD RECEPTACLE ASS'Y	BERGSTAK
dwg no 61082	sheet 3 of 6 size A4
type CUSTOMER Drawing	



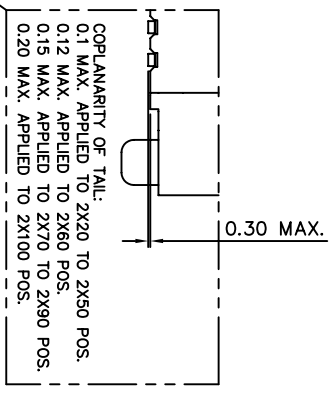
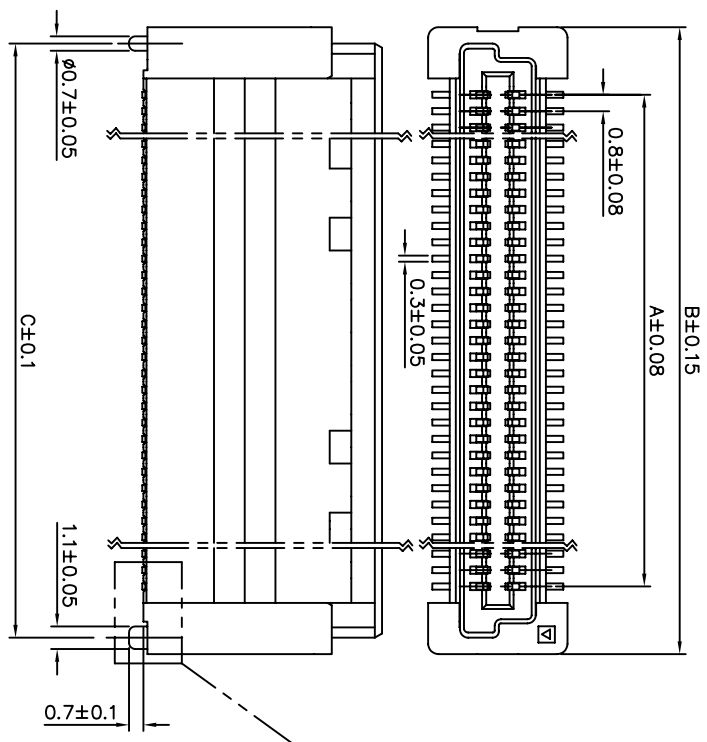
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61082-042***	2 X20	15.2	21.8	20.2
61082-062***	2 X30	23.2	29.8	28.2
61082-082***	2 X40	31.2	37.8	36.2
61082-102***	2 X50	39.2	45.8	44.2
61082-122***	2 X60	47.2	53.8	52.2
61082-142***	2 X70	55.2	61.8	60.2
61082-162***	2 X80	63.2	69.8	68.2
61082-182***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



RECEPTACLE 2

mat'l. code	ecn no	dr	date	surface	tolerance	projection	product family
				tolerances unless otherwise specified	XX±0.20	MM	BERGSTAK
R	S07-0166	MCH	2007-05-16	angles	XX±0.15		0.8mm BOARD TO BOARD RECEPTACLE ASS'Y
S				0°±2'	XXX±0.10	Scale: 3:1	sheet 4 of 6 size A4
				dr	MAGGIE_WU	1999-03-28	CUSTOMER Drawing
				engr	YU_MEN_CHU	1999-03-28	
				chr	MACHONG	2007-05-16	
				appd	JOEY_NG	2007-05-16	
sheet index	revision	sheet					

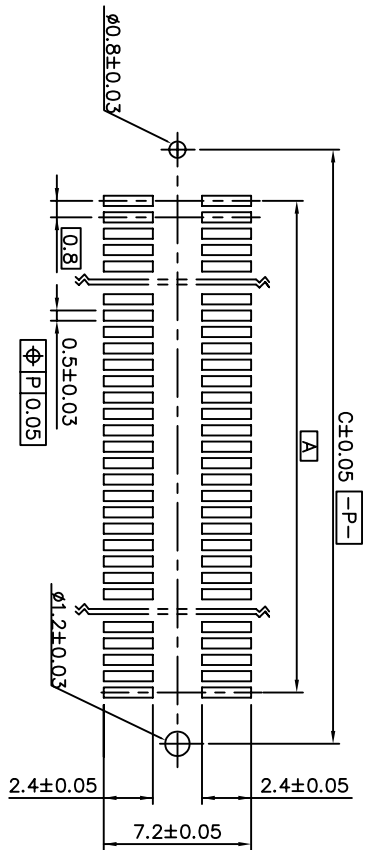
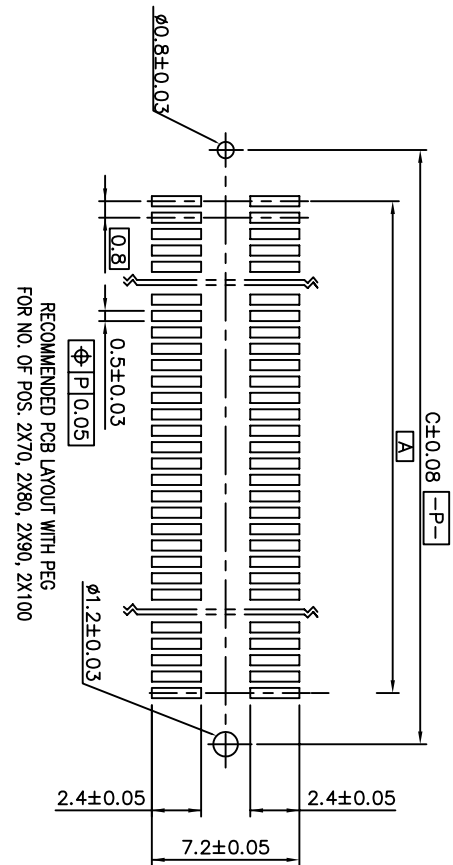
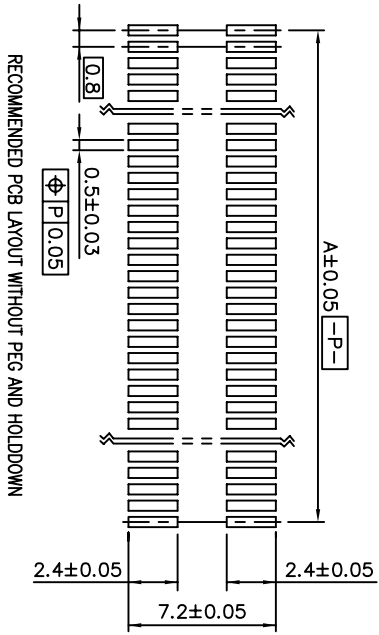
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61082-043***	2 X20	15.2	21.8	20.2
61082-063***	2 X30	23.2	29.8	28.2
61082-083***	2 X40	31.2	37.8	36.2
61082-103***	2 X50	39.2	45.8	44.2
61082-123***	2 X60	47.2	53.8	52.2
61082-143***	2 X70	55.2	61.8	60.2
61082-163***	2 X80	63.2	69.8	68.2
61082-183***	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	S	S07-0166	MCH	2007-05-16	angles	0°±2'	scale	3:1	0.8mm BOARD TO BOARD RECEPTACLE ASSY
					XXX±0.15				
					XXX±0.10				
		dr	MAGGIE_WU	1999-03-26					sheet 5 of 6 size
		enfr	YU_WEN_CHU	1999-03-26					61082
		chr	M.CHEONG	2007-05-16					A4
		appd	JOEY_NG	2007-05-16					CUSTOMER Drawing
sheet index	revision								

FOR RECEPTACLE 2/3



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

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

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	