

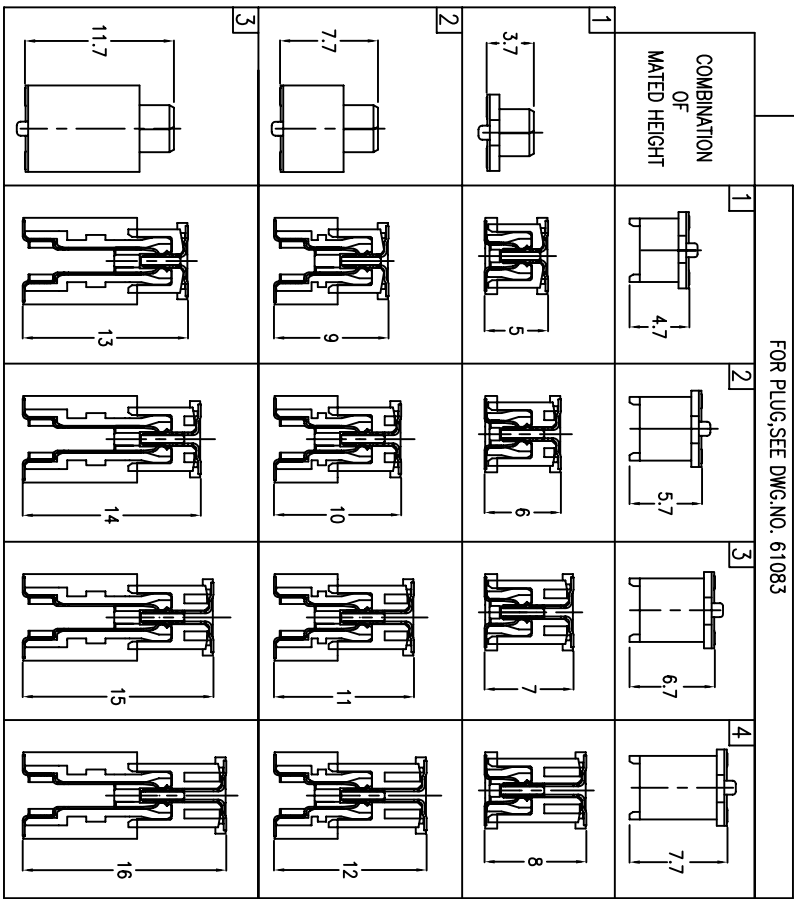
61082 -

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, INFRA-RED OR
VAPOR PHASE REFLOW OVEN

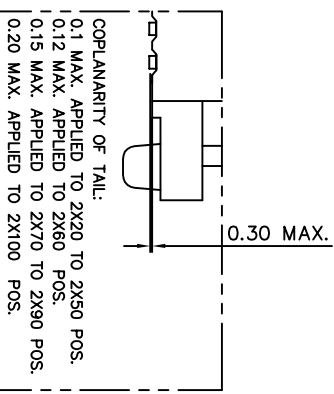
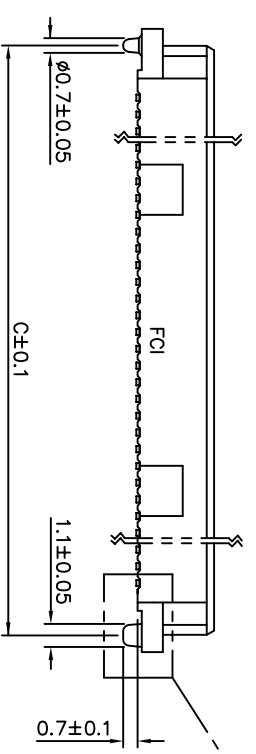
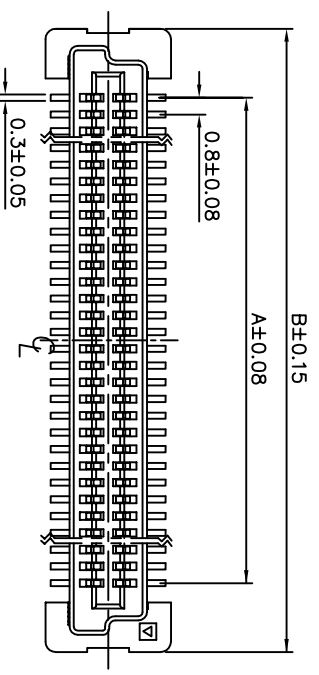
7. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
8. PLATING OPTION '4' IS LEADFREE ALTERNATIVE FOR OPTION '0', AND OPTION '6' IS LEADFREE ALTERNATIVE FOR OPTION '1'.

mat'l. code	surface	tolerance	projection	product family					
LFr	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	revision	Y	T	S	S	S	S	S	S
index	sheet	1	2	3	4	5	6		



product family
BERGSTAK
title
0.8mm BOARD TO BOARD
RECEPTACLE ASS'Y
dwg no
61082
sheet 1 of 6 size
A4
CUSTOMER Drawing

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

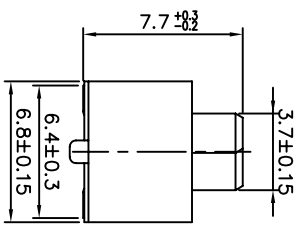
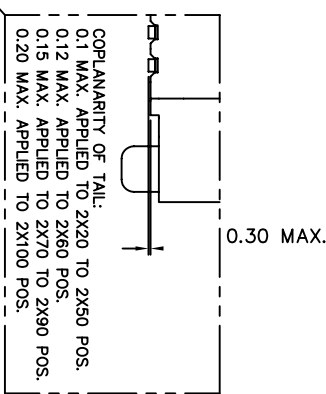
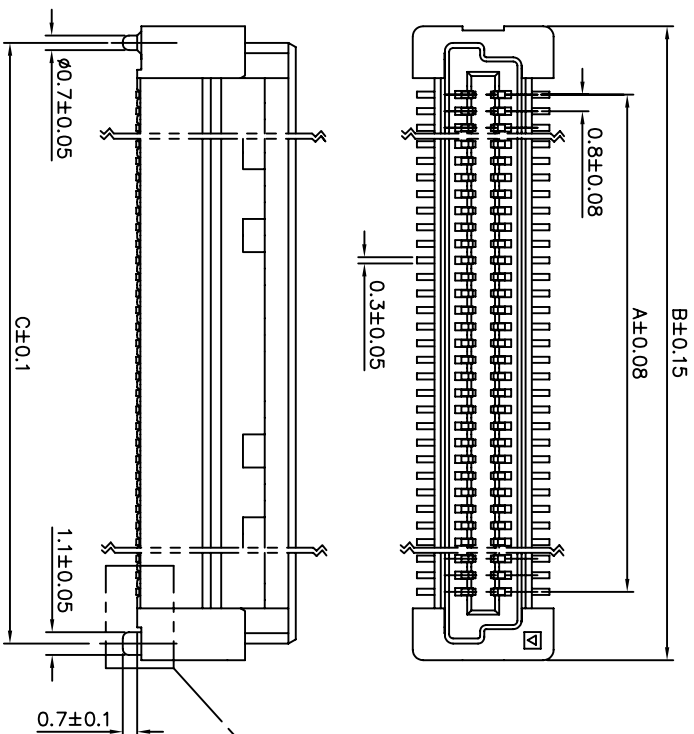


RECEPTACLE 1

mat'l. code		surface		tolerance		projection		product family	
140		141		MM		BERGSTAK		0.8mm BOARD TO BOARD RECEPTACLE ASSY	
Ltr	ecn no	dr	date	angles	tolerance unless otherwise specified	scale	type	dwg no	sheet 2 of 6 size
R	S07-0166	MCH	2008-05-16	0±2°	XXX±0.15	4	type	61082	A4
T	S08-0330	MCH	2008-10-08	XXX±0.10			CUSTOMER Drawing		
sheet index		revision		engr		chr		appd	
				YU_WEN_CHU		MACHONG		JOEY_NG	
				1999-03-26		2008-10-08		2008-10-08	



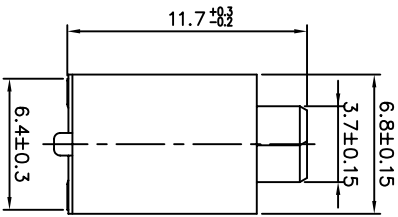
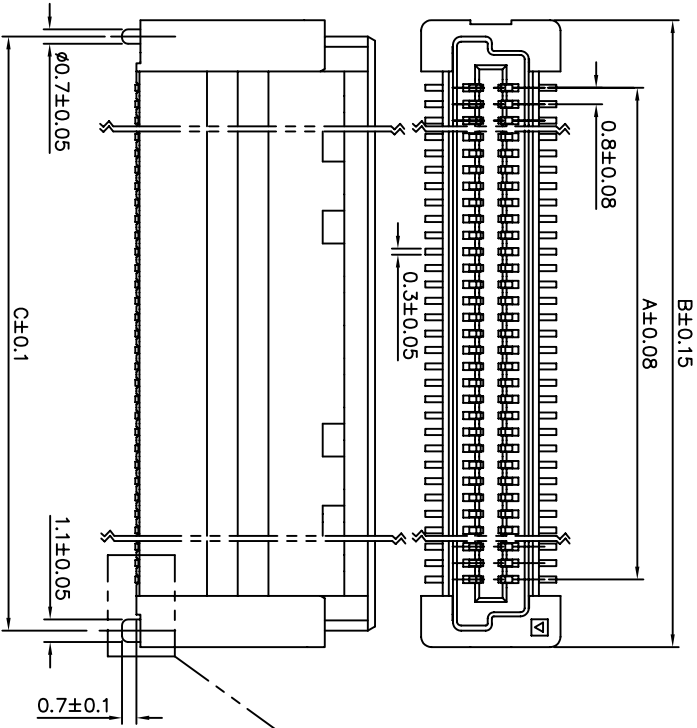
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61082-042***	2 X20	15.2	21.8	20.2
61082-062***	2 X30	23.2	29.8	28.2
61082-082***	2 X40	31.2	37.8	36.2
61082-102***	2 X50	39.2	45.8	44.2
61082-122***	2 X60	47.2	53.8	52.2
61082-142***	2 X70	55.2	61.8	60.2
61082-162***	2 X80	63.2	69.8	68.2
61082-182***	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
							BERGSTAK
							0.8mm BOARD TO BOARD RECEPTACLE ASS'Y
							sheet 4 of 6 size A4
							CUSTOMER Drawing

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



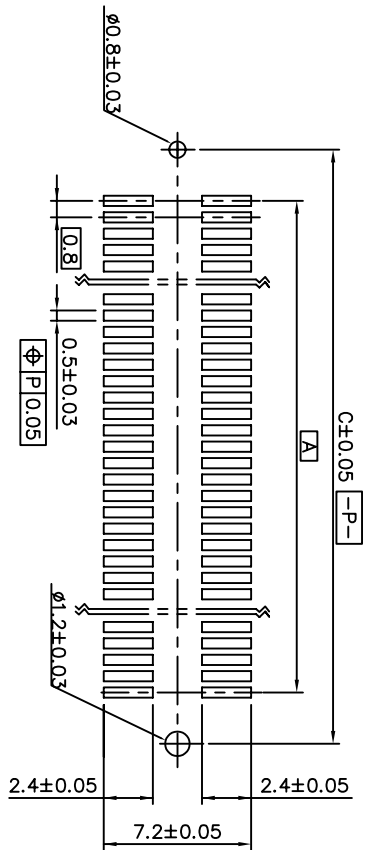
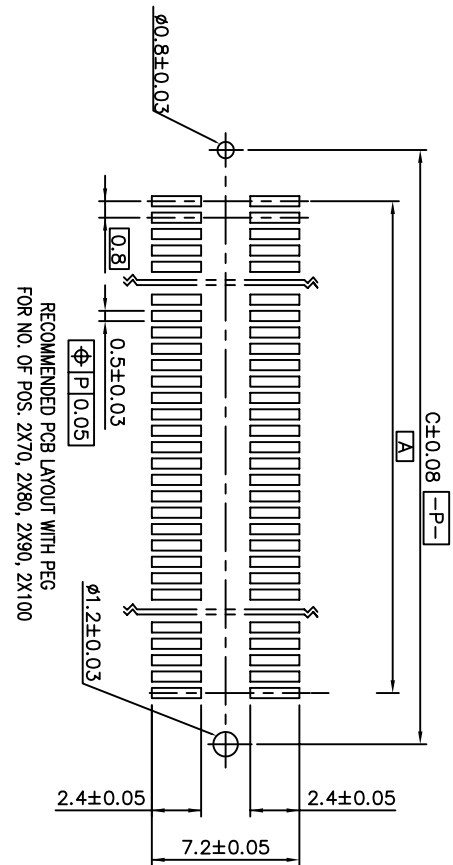
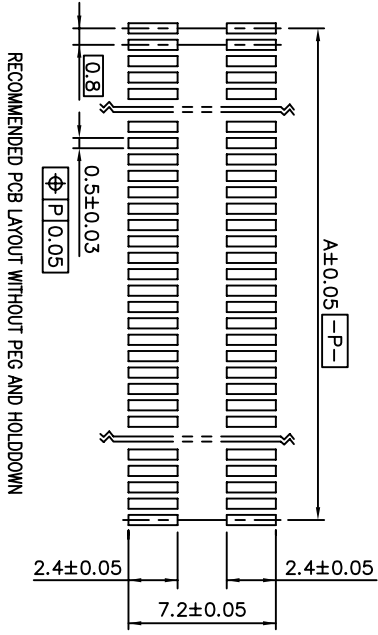
COPLANARITY OF TAIL:
 0.1 MAX. APPLIED TO 2X20 TO 2X50 POS.
 0.12 MAX. APPLIED TO 2X60 POS.
 0.15 MAX. APPLIED TO 2X70 TO 2X90 POS.
 0.20 MAX. APPLIED TO 2X100 POS.

0.30 MAX.

RECEPTACLE 3

mat'l. code		surface		tolerance		projection		product family	
lfr	ecm no	dr	date	angles	g	MM	MM	title	type
S	S07-0166	MCH	2007-05-16	0°±2'	XXX±0.15	3:1	3:1	0.8mm BOARD TO BOARD RECEPTACLE ASSY	CUSTOMER Drawing
sheet index		revision		sheet		sheet		sheet	

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