

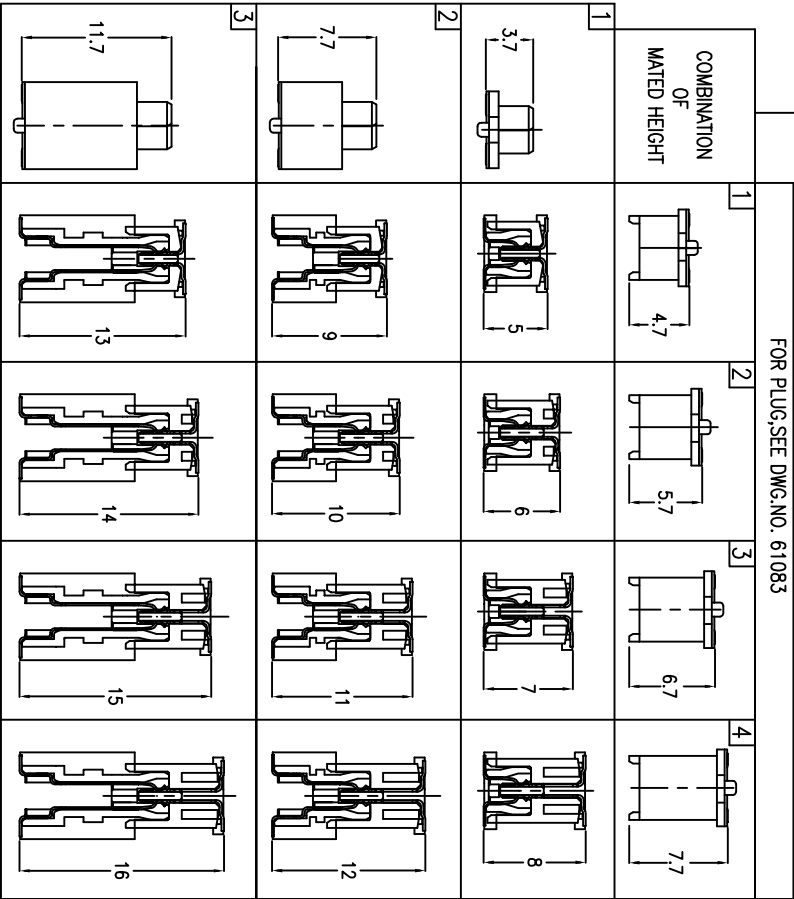
61082 -

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 KAPTON TAPE)

POLARIZATION PEG		HOLD DOWN	
0	YES		NO
2	NO		NO

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

- NOTES:
1. MATERIAL HOUSING: G.F.LCP U194V-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

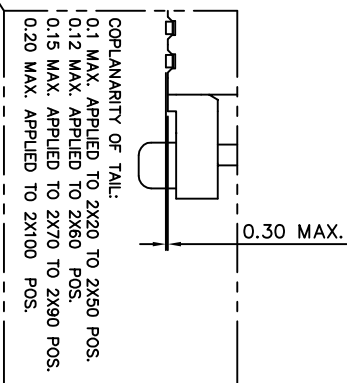
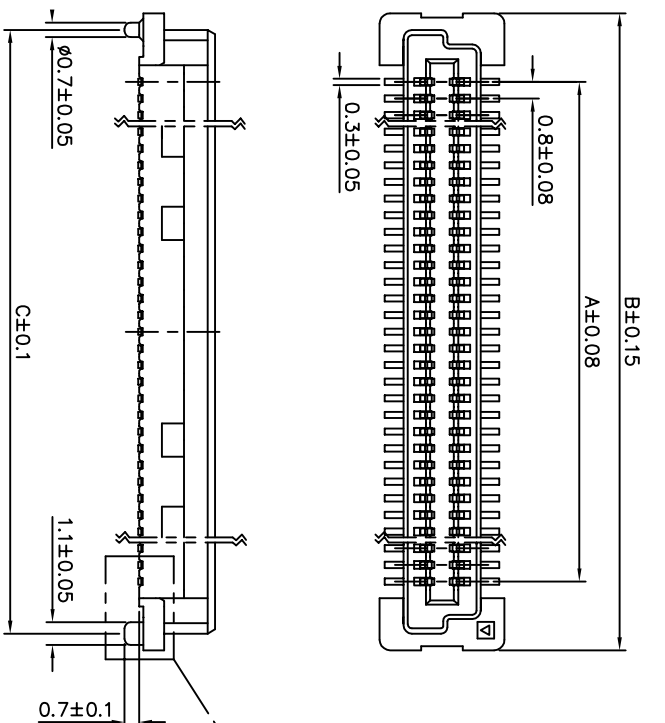
PRELIMINARY

- 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
Ufr	ecn no	dfc	date	tolerances unless otherwise specified
W	S07-0166	MCH	2007-06-16	angles
X	S07-0416	MCH	2007-11-22	XXXX.15
R	T03-0170	MW	2004-01-30	0±.2°
S	T04-0094	MW	2004-03-06	dfc
T	S04-0133	MW	2004-06-23	engr
U	S04-0167	CH	2004-07-30	chn
V	S04-0098	CH	2005-03-31	qpld
index	revision	X	S	S
sheet	revision	1	2	3
	sheet	1	2	3

scale	projection	product family
3:1	MM	BERGSTAK
		0.8mm BOARD TO BOARD RECEPTACLE ASSY
		61082
		CUSTOMER Drawing

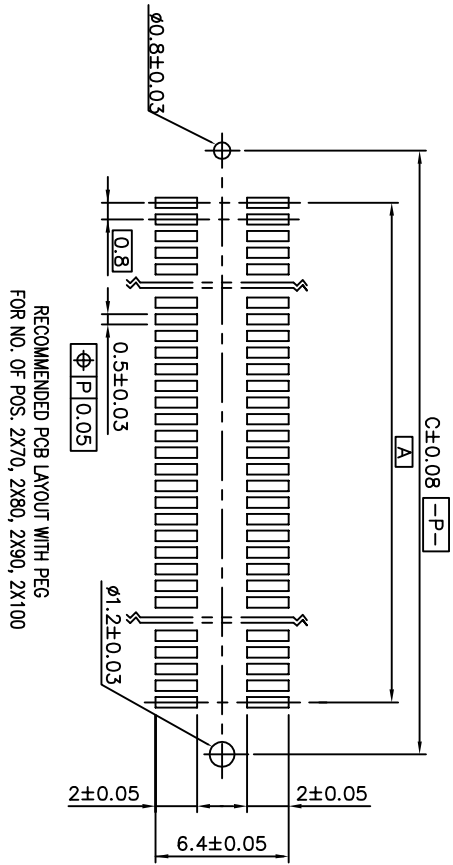
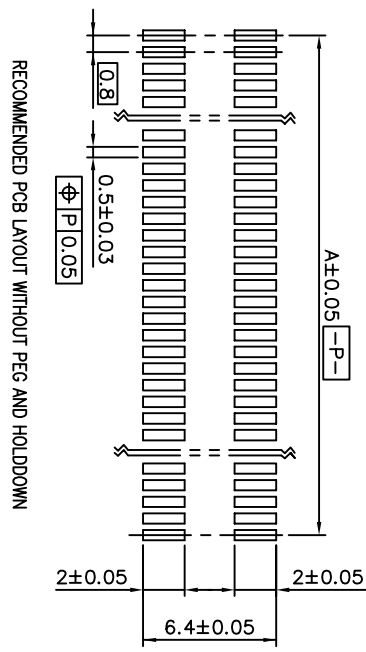
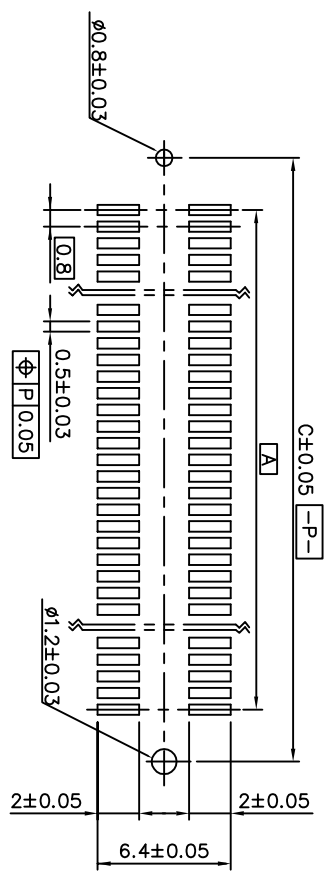
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61082-041***	2 X20	15.2	21.8	20.2
61082-061***	2 X30	23.2	29.8	28.2
61082-081***	2 X40	31.2	37.8	36.2
61082-101***	2 X50	39.2	45.8	44.2
61082-121***	2 X60	47.2	53.8	52.2
61082-141***	2 X70	55.2	61.8	60.2
61082-161***	2 X80	63.2	69.8	68.2
61082-181***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



RECEPTACLE 1

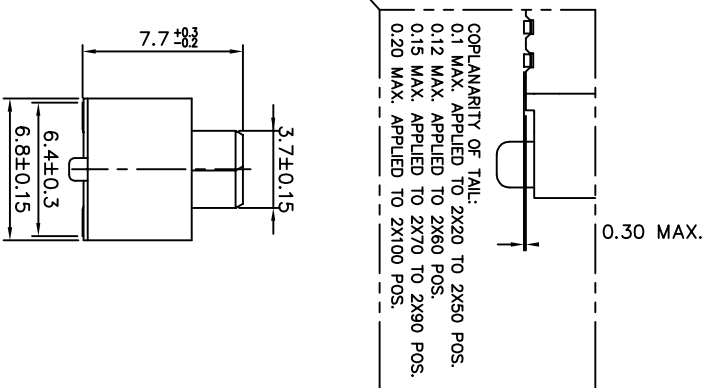
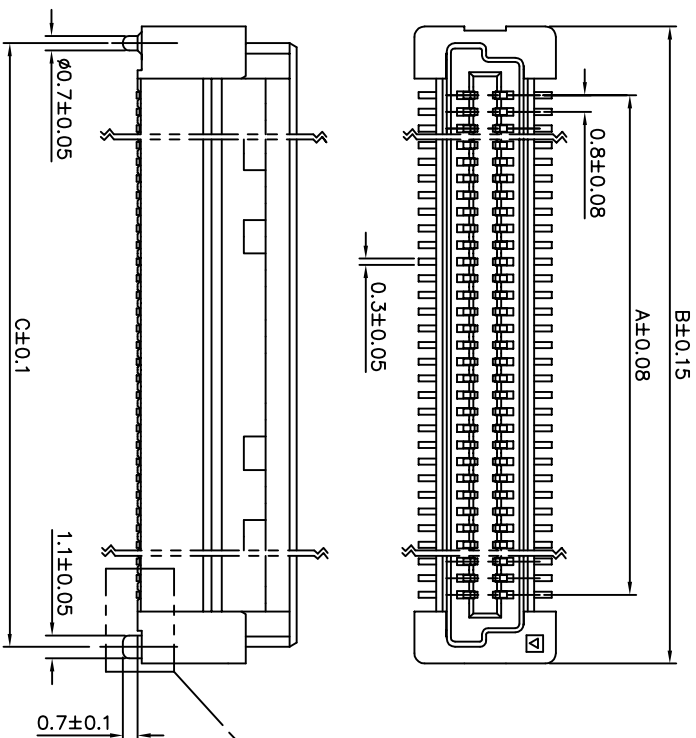
mat'l. code		surface		tolerance		projection		product family	
140		141		141		MM		BERGSTAK	
lfr	ecr no	dr	date	tolerances unless otherwise specified		MM		title	
R	S07-0166	MCH	2005-05-18	angles	X±0.20	MM		0.8mm BOARD TO BOARD RECEPTACLE ASSY	
S				0±Z	XXX±0.15	Scale 4		dwg no 61082	
				dr	MAGGIE_WU	1999-03-28		sheet 2 of 6 size	
				enr	YU_WEN_CHU	1999-03-28		A4	
				chr	M.CHENONG	2007-05-16		type CUSTOMER Drawing	
				appr	JOEY_NG	2007-05-18			
sheet	revision								
index	sheet								

FOR RECEPTACLE 1



mat'l. code		surface		tolerance		projection		product family	
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM		BERGSTAK	
P	S07-0166	MCH	2007-05-18	angles	.X±0.20			0.8mm BOARD TO BOARD	
R	S07-0416	MCH	2007-11-22	0°±2°	.XXX±0.15			RECEPTACLE ASSY	
S	S07-0416	MCH	2007-11-22		.XXX±0.10	Scale 3:1			
dr	MAGGIE_WU	1999-03-28						sheet 3 of 6 size	
enfr	YU_WEN_CHU	1999-03-28						61082	
chr	M.CHEONG	2007-11-22						CUSTOMER Drawing	
appd	JOEY_NG	2007-11-22						A4	
sheet	revision								
index	sheet								

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

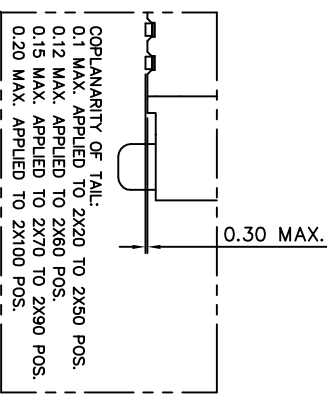
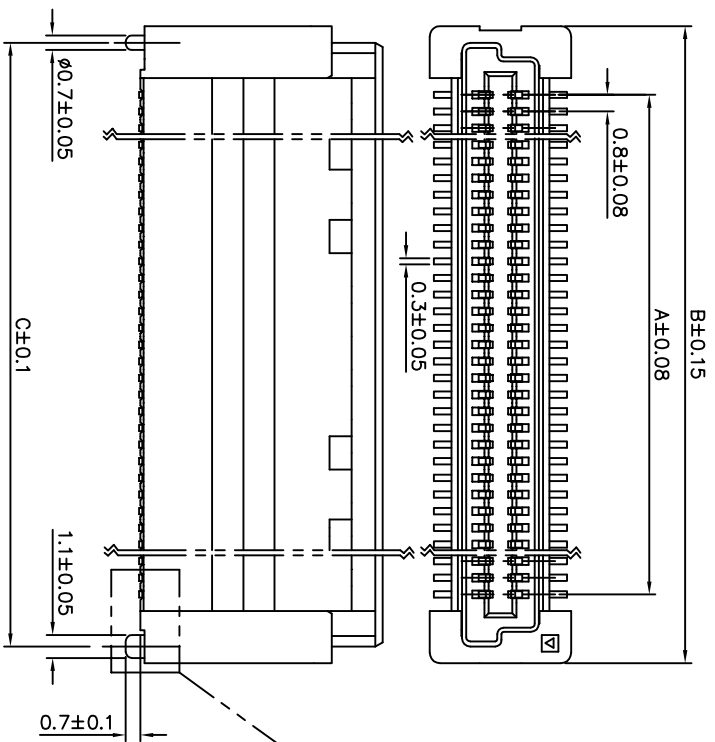


RECEPTACLE 2

mat'l. code		surface		tolerance		projection		product family	
litr	ecr no	dr	date	tolerances unless otherwise specified		MM		BERGSTAK	
R	S07-0166	MCH	2007-05-18	angles	X±0.20	MM		0.8mm BOARD TO BOARD	
				0°±Z	XXX±0.15	MM		RECEPTACLE ASS'Y	
					XXX±0.10	MM		sheet 4 of 6 size	
				dr	MAGGIE_WU	1999-03-28		A4	
				enr	YU_WEN_CHU	1999-03-28		CUSTOMER Drawing	
				chr	M.CHENONG	2007-05-16			
				apnd	JOEY_NG	2007-05-18			
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

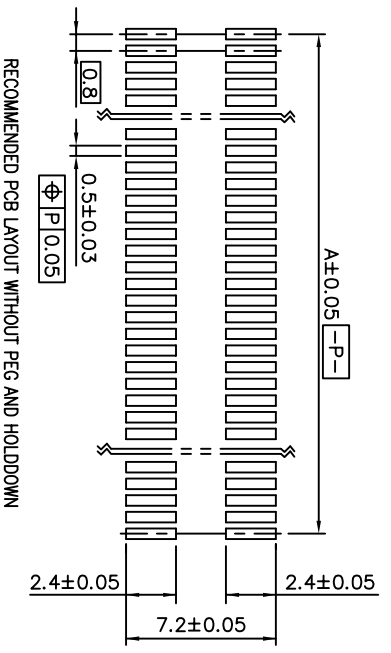


RECEPTACLE 3

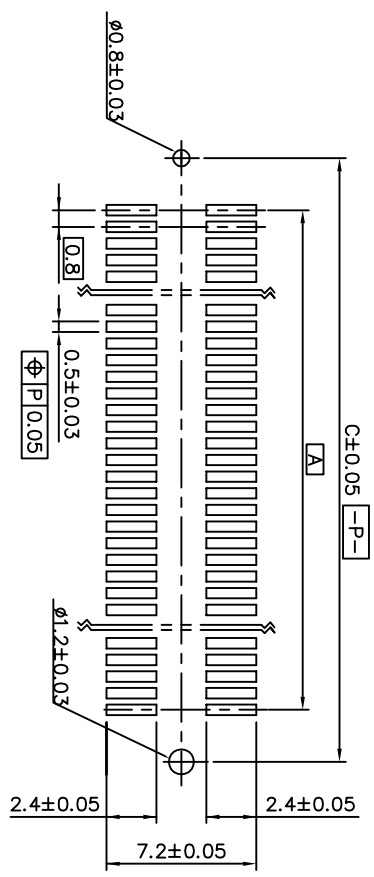
mat'l. code		surface		tolerance		projection		product family	
litr	ecn no	dr	date	tolerances unless otherwise specified		MM		BERGSTAK	
R	S07-0166	MCH	2007-05-18	angles	.X±0.20	MM		0.8mm BOARD TO BOARD	
S				∅±Z	.XXX±0.15	Scale 3:1		RECEPTACLE ASS'Y	
				dr	MAGGIE_WU	1999-03-28		sheet 5 of 6 size	
				enfr	YU_WEN_CHU	1999-03-28		A4	
				chr	M_CHEONG	2007-05-16		CUSTOMER Drawing	
				apprd	JOEY_NG	2007-05-18			
sheet	revision								
index	sheet								



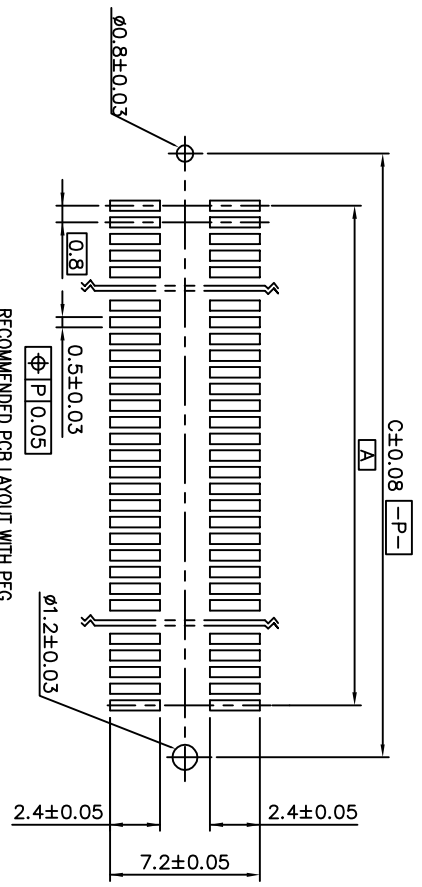
FOR RECEIPTACLE 2/3



RECOMMENDED PCB LAYOUT WITHOUT PEG AND HOLDDOWN



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
litr ecn no	dr date	tolerances unless otherwise specified	MM	BERGSTAK
P S07-0166 MCH 2007-05-18	angles	X±0.20		
R S07-0166 MCH 2007-05-18		XX±0.15		
S S07-0416 MCH 2007-11-22	0±Z	XXX±0.10	Scale 3:1	
dr	MAGGIE_WU	1999-03-28		
enfr	YU_WEN_OHU	1999-03-28		
chr	M.CHEONG	2007-11-22		
appd	JOEY_NG	2007-11-22		
sheet index	revision			
1				
2				
3				
4				
5				

title
0.8mm BOARD TO BOARD
RECEIPTACLE ASSY

product family
BERGSTAK

dwg no
61082

sheet 6 of 6 size
A4

type
CUSTOMER Drawing