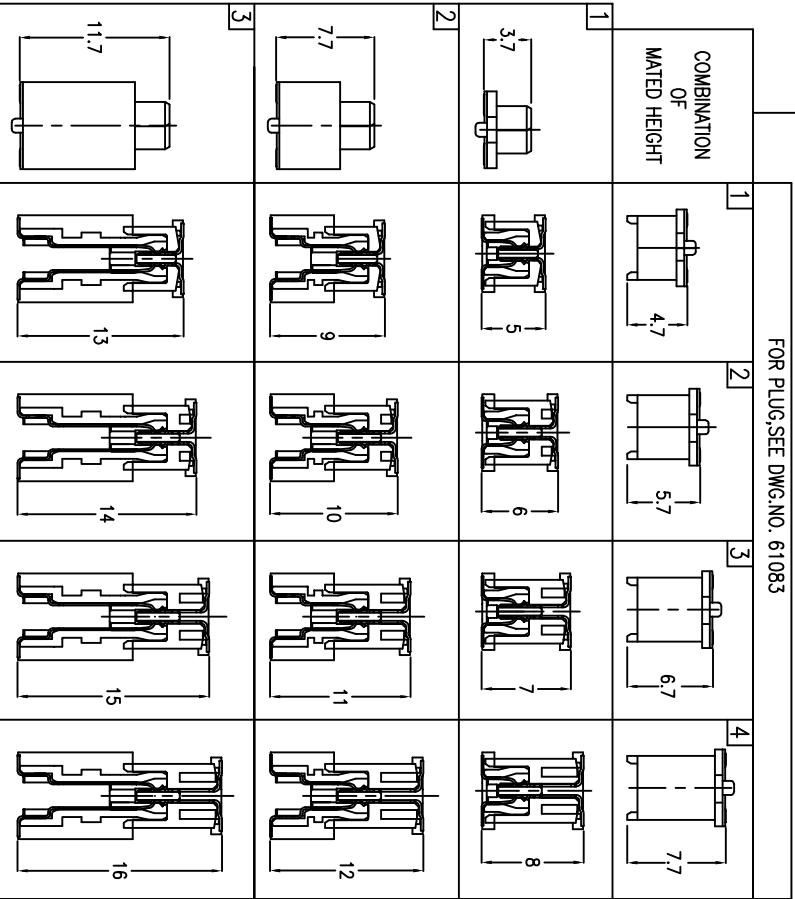


61082 -

FOR PLUG, SEE DWG. NO. 61083

NUMBER OF POSITIONS
04
06
08
10
12
14
16
18
20



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, INFRARED OR VAPOR PHASE REFLOW OVEN

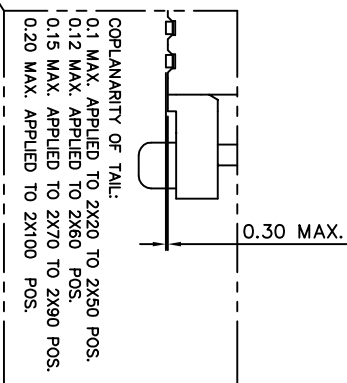
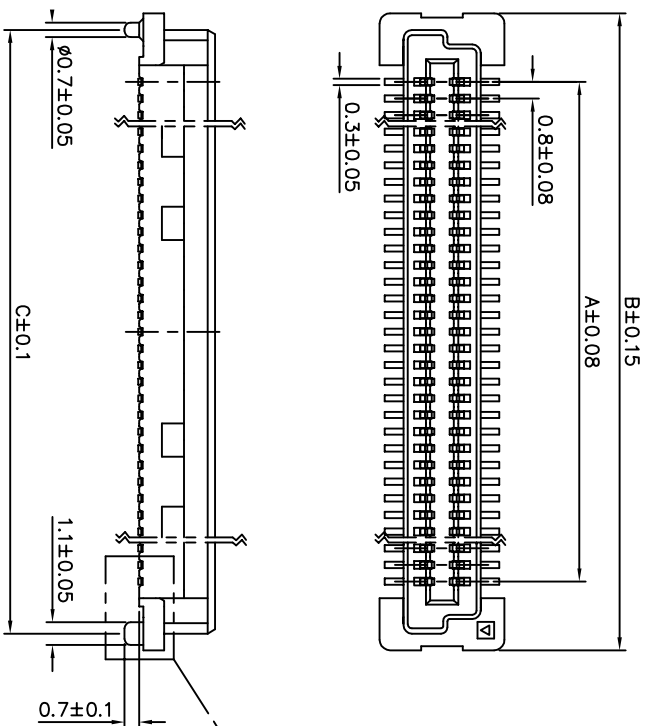
7. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
8. PLATING OPTION '4' IS LEADFREE ALTERNATIVE FOR OPTION '0', AND OPTION '6' IS LEADFREE ALTERNATIVE FOR OPTION '1'.

mat'l. code	surface	tolerance	projection	product family				
Ufr	ecn no	dfc	date	tolerances unless otherwise specified				
W	S07-0166	MCH	2007-06-18	angles				
P	T03-0458	MW	2003-10-17	X±0.20				
R	T03-0170	MW	2004-01-30	XXX±0.15				
S	T04-0094	MW	2004-03-06	DF±2°				
T	S04-0133	MW	2004-06-23	engr				
U	S04-0167	CH	2004-07-30	CHr				
V	S04-0098	CH	2005-03-31	qpld				
sheet index	revision	W	S	R	S	R	scale	3:1
1	2	3	4	5	6			



product family: BERGSTAK
 title: 0.8mm BOARD TO BOARD RECEPTACLE ASSY
 dwg no: 61082
 sheet 1 of 6 size A4
 type: CUSTOMER Drawing

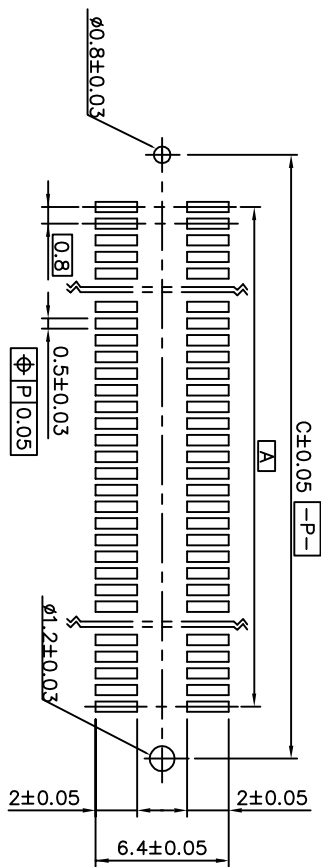
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
61082-041***	2 X20	15.2	21.8	20.2
61082-061***	2 X30	23.2	29.8	28.2
61082-081***	2 X40	31.2	37.8	36.2
61082-101***	2 X50	39.2	45.8	44.2
61082-121***	2 X60	47.2	53.8	52.2
61082-141***	2 X70	55.2	61.8	60.2
61082-161***	2 X80	63.2	69.8	68.2
61082-181***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



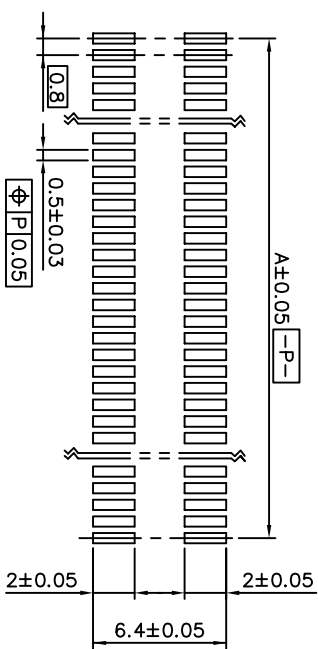
RECEPTACLE 1

mat'l. code		surface		tolerance		projection		product family	
140		141		141		MM		BERGSTAK	
lfr	ecr no	dr	date	tolerances unless otherwise specified	angles	scale	title	dwg no	sheet 2 of 6 size
S	S07-0166	MCH	2005-05-18		XX±0.15	4	0.8mm BOARD TO BOARD RECEPTACLE ASS'Y	61082	A4
					XXX±0.10				
sheet	revision								
index	sheet								

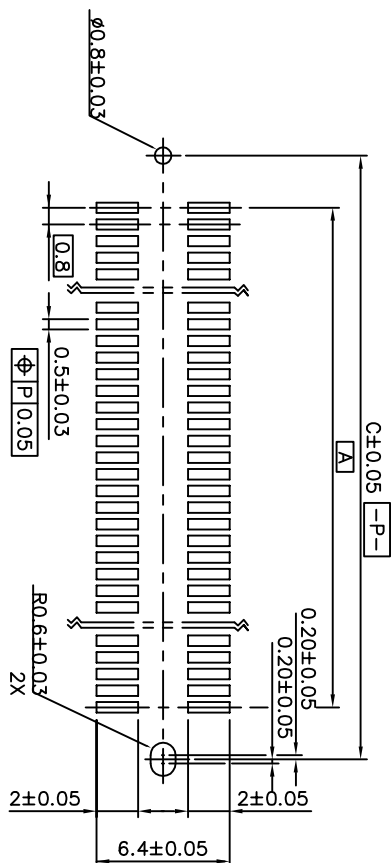
FOR RECEPTACLE 1



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



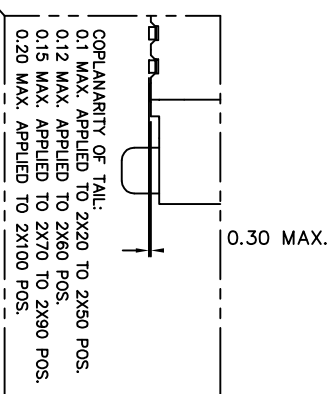
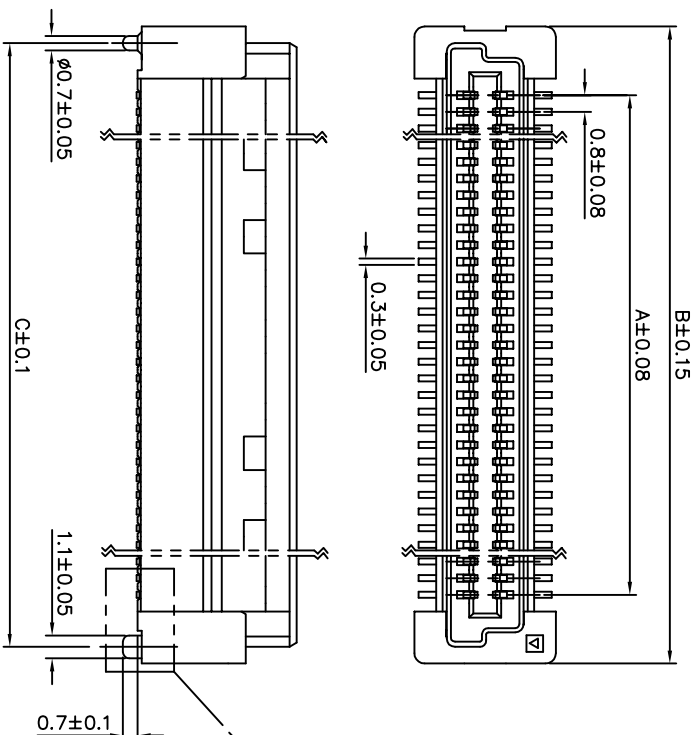
RECOMMENDED PCB LAYOUT WITHOUT PEG AND HOLDDOWN



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		MM		BERGSTAK	
P	S07-0166	MCH	2007-05-18	angles	X±0.20	MM		0.8mm BOARD TO BOARD	
R	S07-0166	MCH	2007-05-18	0°±2'	XXX±0.15	Scale 3:1		RECEPTACLE ASSY	
				dr	MAGGIE_WU	1999-03-28		sheet 3 of 6 size	
				enfr	YU_WEN_CHU	1999-03-28		61082	
				chr	M.CHEONG	2007-05-18		CUSTOMER Drawing	
				apnd	JOEY_NG	2007-05-18		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

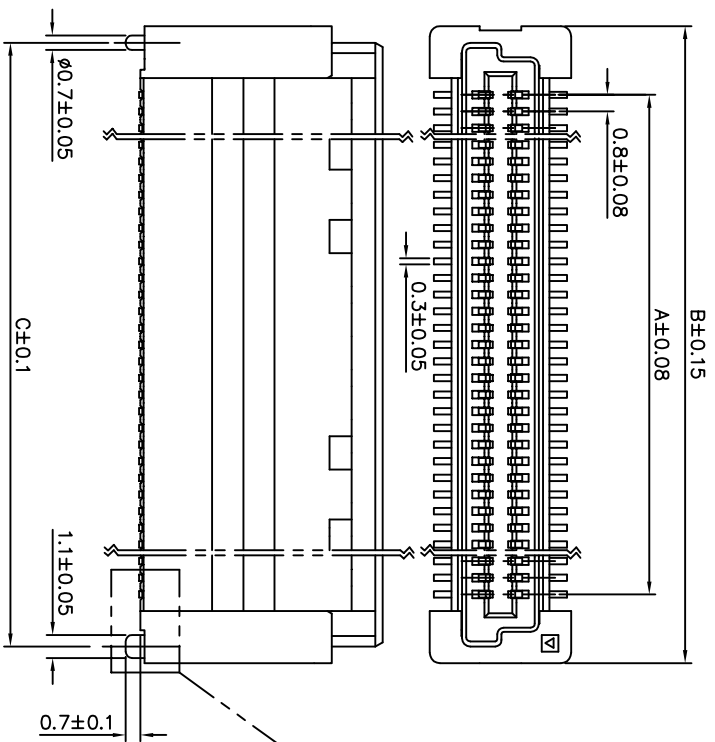


RECEPTACLE 2

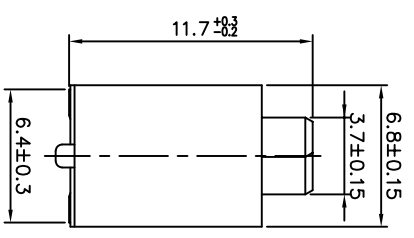
mat'l. code		surface		tolerance		projection		product family	
ltr	ecn no	dr	date	tolerances unless otherwise specified	angles	MM	MM	BERGSTAK	title
R	S07-0166	MCH	2007-05-18			X±0.20			0.8mm BOARD TO BOARD RECEPTACLE ASS'Y
					0°±2'	XXX±0.10	Scale 3:1		
		dr	MAGGIE_WU	1999-03-28					sheet 4 of 6 size
		enr	YU_WEN_CHU	1999-03-28					A4
		chr	M.CHENONG	2007-05-16					
		apnd	JOEY_NG	2007-05-18					CUSTOMER Drawing
sheet index	revision								



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



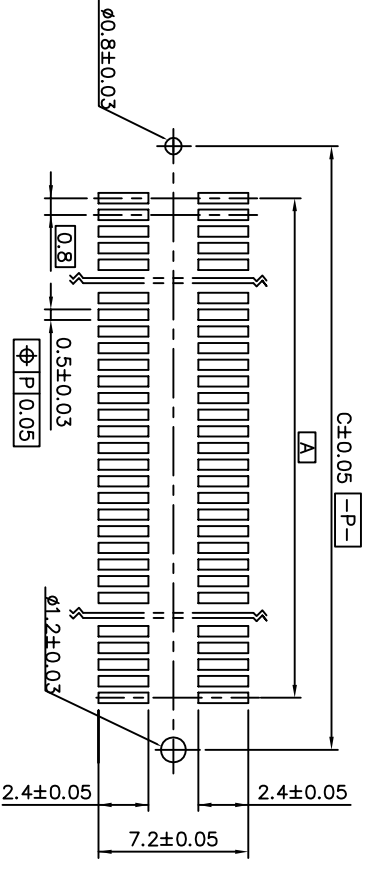
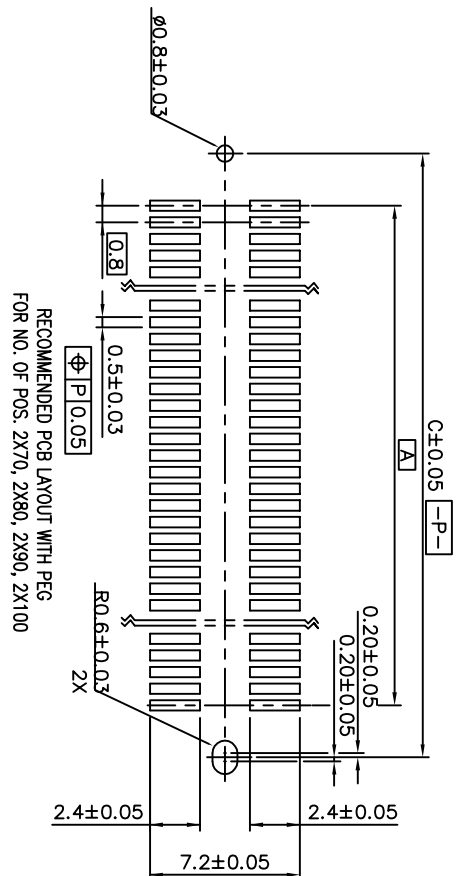
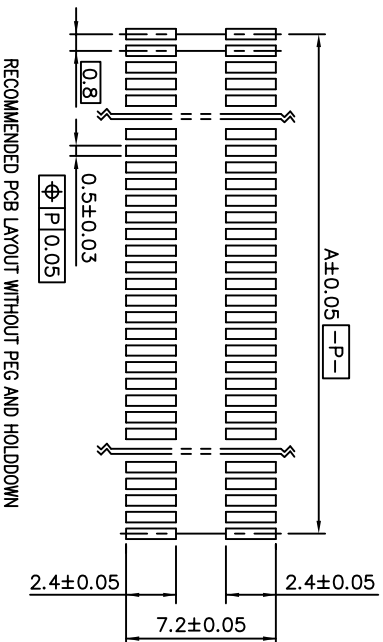
COPLANARITY OF TAIL:
 0.1 MAX. APPLIED TO 2X20 TO 2X50 POS.
 0.12 MAX. APPLIED TO 2X60 POS.
 0.15 MAX. APPLIED TO 2X70 TO 2X90 POS.
 0.20 MAX. APPLIED TO 2X100 POS.



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	MM		RECEPTACLE ASS'Y	
					.XXX±0.10	MM		scale 3:1	
		dr	MAGGIE_WU	1999-03-28				dwg no	
		enfr	YU_WEN_CHU	1999-03-28				sheet 5 of 6 size	
		chr	M_CHEONG	2007-05-16				61082	
		apprd	JOEY_NG	2007-05-18				A4	
sheet	revision							CUSTOMER Drawing	
index	sheet								

FOR RECEIPTACLE 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	
litr	ecr no	dr	date	tolerances unless otherwise specified		MM		BERGSTAK	
P	S07-0166	MCH	2007-05-18	angles	.X±0.20	MM		0.8mm BOARD TO BOARD	
R	S07-0166	MCH	2007-05-18	0°±2°	.XX±0.15	Scale 3:1		RECEIPTACLE ASS'Y	
				dr	MAGGIE_WU	1999-03-28		dwg no	61082
				enfr	YU_WEN_OHU	1999-03-28		sheet 6 of 6 size	A4
				chr	M.CHENONG	2007-05-16		type	CUSTOMER Drawing
				apnd	JOEY_NG	2007-05-18			
sheet index	revision								