

10069524

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

COMBINATION OF MATED HEIGHT		FOR PLUG, SEE DWG. NO. 10069525			
		1	2	3	4
1					
2					
3					

PACKAGING	
0	TUBE WITHOUT CAP
2	TAPE & REEL WITH CAP
9	TUBE WITH CAP
3	TRAY WITH CAP

POLARIZATION PEG	
0	YES
2	NO
	HOLD DOWN
	NO

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

9. THIS PARTNUMBER IS ONLY CATER FOR SPECIAL CUSTOMER REQUIREMENT OF COPLANARITY OF 0.1 FOR ALL POSITION.

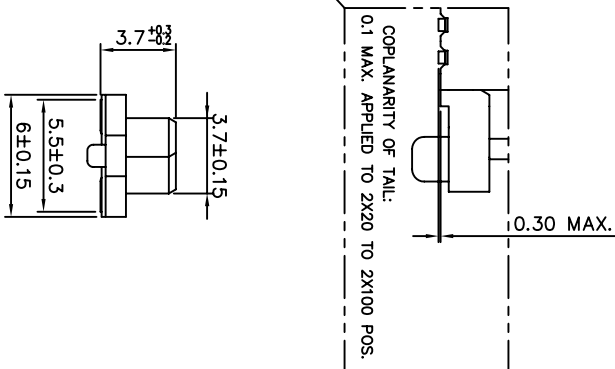
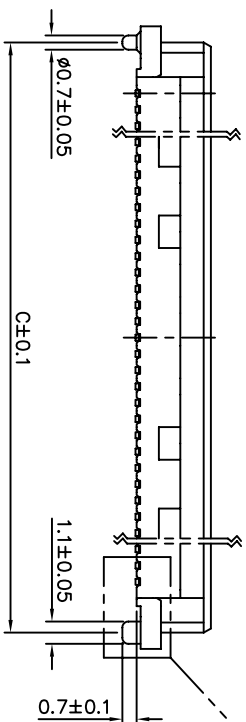
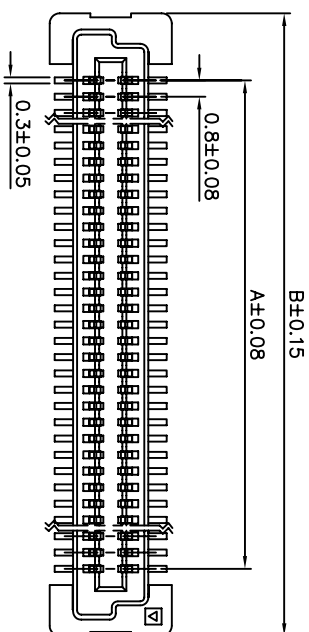
mat'l. code		Surface		tolerance		projection		product family	
ltr	ecm no	dr	date	ASME Y14.5	ASME Y14.5	ASME Y14.5	ASME Y14.5	BERGSTAK	
A	S06-0286	MCH	2006-08-25	angles	X \pm 0.20	MM	MM	0.8mm BOARD TO BOARD RECEPTACLE ASS'Y	
B	S06-0316	MCH	2006-08-25	0 \pm 2°	.XXX \pm 0.10	scale 3:1			
-	-	-	-	dr	MCHONG	2006-08-25			
-	-	-	-	engr	MCHONG	2006-08-25			
-	-	-	-	chr	MCHONG	2006-08-25			
-	-	-	-	appr	JOEY NG	2006-08-25			
sheet	revision	B	B	B	B	A			
index	sheet	1	2	3	4	5	6		



dwg no
10069524
sheet 1 of 6
size
A4
CUSTOMER Drawing



PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10069524-041***	2 X20	15.2	21.8	20.2
10069524-061***	2 X30	23.2	29.8	28.2
10069524-081***	2 X40	31.2	37.8	36.2
10069524-101***	2 X50	39.2	45.8	44.2
10069524-121***	2 X60	47.2	53.8	52.2
10069524-141***	2 X70	55.2	61.8	60.2
10069524-161***	2 X80	63.2	69.8	68.2
10069524-181***	2 X90	71.2	77.8	76.2
10069524-201***	2 X100	79.2	85.8	84.2

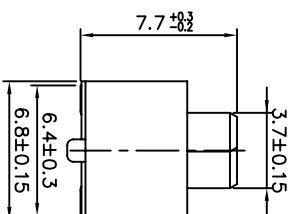
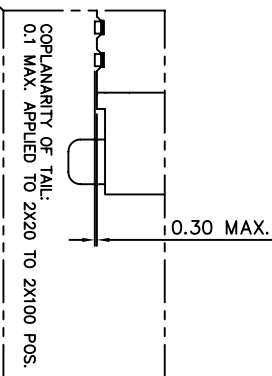
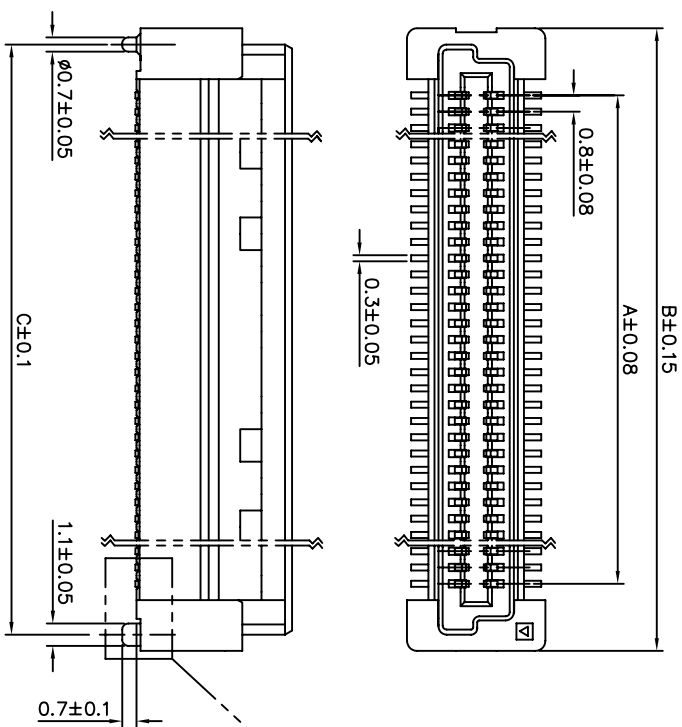


mat'l. code		surface tolerance		projection		product family	
-		ASME Y14.5 ✓ ASME Y14.5				BERGSTAK	
litr ecn no	date	tol unless otherwise specified		title			
A S06 -0286 MCH	2006-08-25	inches .X±0.20		0.8mm BOARD TO BOARD RECEPTACLE ASS'Y			
B S06 -0316 MCH	2006-09-25	mm .XX±0.15					
-	-	.XXX±0.10		scale 3:1			
-	-	dr	M.CHEONG	dwg no sheet 2 of 6 size			
-	-	enfr	M.CHEONG	10069524 A4			
-	-	chr	M.CHEONG				
-	-	joej ng	2006-08-25	type CUSTOMER Drawing			
sheet revision							
index sheet							


[illegible]4



PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10066524-042***	2 X20	15.2	21.8	20.2
10066524-062***	2 X30	23.2	29.8	28.2
10066524-082***	2 X40	31.2	37.8	36.2
10066524-102***	2 X50	39.2	45.8	44.2
10066524-122***	2 X60	47.2	53.8	52.2
10066524-142***	2 X70	55.2	61.8	60.2
10066524-162***	2 X80	63.2	69.8	68.2
10066524-182***	2 X90	71.2	77.8	76.2
10066524-202***	2 X100	79.2	85.8	84.2



RECEPTACLE 2

mat'l. code		surface		tolerance		projection		product family	
-		ASME Y14.5		ASME Y14.5				BERGSTAK	
ltr	ecm no	date	tol. unless otherwise specified		MM		title		
A	S06-0286	MCH 2006-08-25	angles		X:0.20		0.8mm BOARD TO BOARD		
B	S06-0316	MCH 2006-09-25	mm		X.X±0.15		RECEPTACLE ASS'Y		
-	-	-	0+27		scale 3:1		dwg no		
-	-	-	M.CHEONG		2006-08-25		sheet 4 of 6		
-	-	-	ENGR		M.CHEONG		10069524		
-	-	-	CHR		M.CHEONG		A4		
-	-	-	JOE Y NG		2006-08-25		type		
revision		dppd		CUSTOMER Drawing		size			
index	sheet								



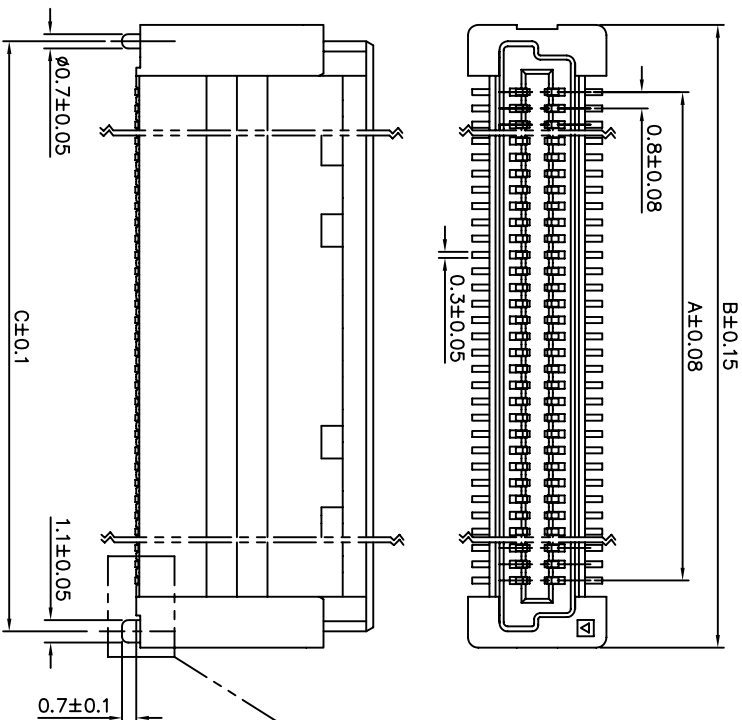
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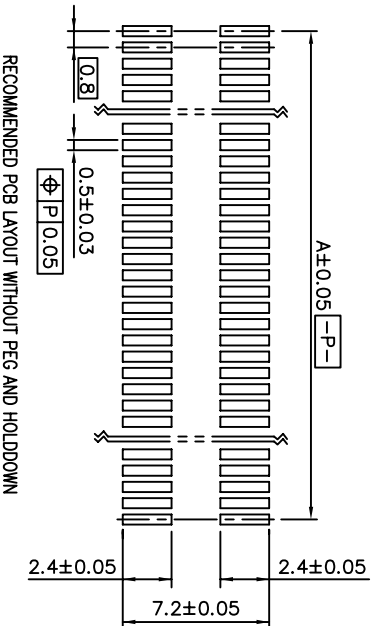
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10069524-043***	2 X20	15.2	21.8	20.2
10069524-063***	2 X30	23.2	29.8	28.2
10069524-083***	2 X40	31.2	37.8	36.2
10069524-103***	2 X50	39.2	45.8	44.2
10069524-123***	2 X60	47.2	53.8	52.2
10069524-143***	2 X70	55.2	61.8	60.2
10069524-163***	2 X80	63.2	69.8	68.2
10069524-183***	2 X90	71.2	77.8	76.2
10069524-203***	2 X100	79.2	85.8	84.2



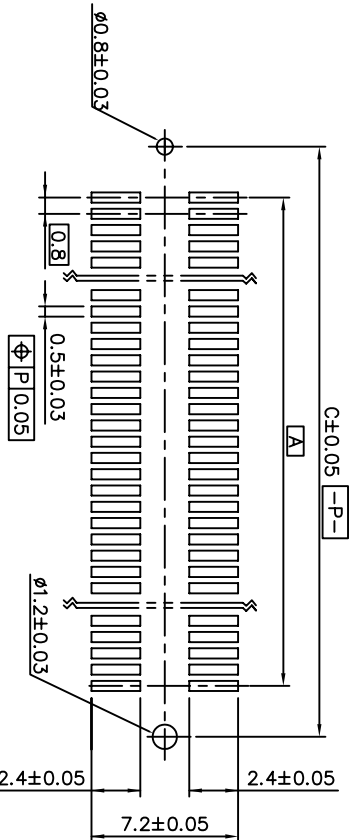
RECEPTACLE 3

mat'l. code				surface		tolerance		projection	product family	
ltr	ecrn no	dr	date	ASME Y14.5	ASME Y14.5	tol unless otherwise specified	angles		title	BERGSTAK
A	S06-0286 MCH	2006-08-25							0.8mm BOARD TO BOARD	
B	S06-0316 MCH	2006-08-25							RECEPTACLE ASS'y	
-	-	-	-							
-	-	-	-							
-	-	-	-							
-	-	-	-							
-	-	-	-							
-	-	-	-							
-	-	-	-							
Sheet	revision									
Index	sheet									

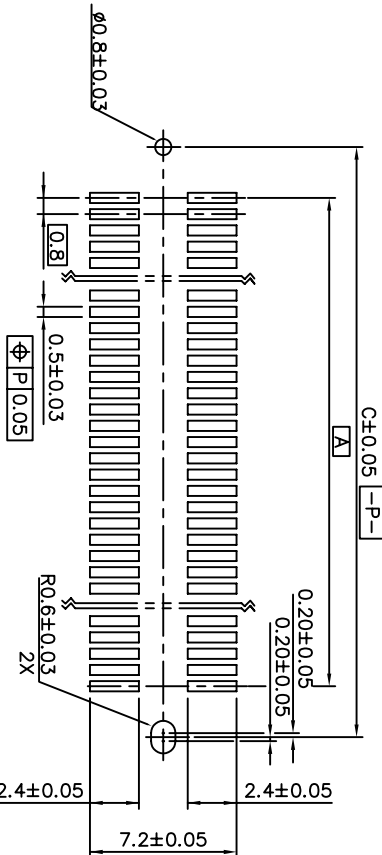
FOR RECEPTACLE 2/3



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



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	
ltr	ecr	no	dr	date	tol	unless	otherwise	specified	ASME Y14.5	ASME Y14.5	title
A	S06-0286	MCH	2006-08-25								0.8mm BOARD TO BOARD RECEPTACLE ASS'y
-	-	-	-	-	angles						
-	-	-	-	-	0°±2°						
-	-	-	-	-	.XX±0.10						
-	-	-	-	-	.XX±0.15						
-	-	-	-	-	.XX±0.10						
-	-	-	-	-	dr	M.CHEONG	2006-08-25				
-	-	-	-	-	engr	M.CHEONG	2006-08-25				
-	-	-	-	-	chr	M.CHEONG	2006-08-25				
-	-	-	-	-	appd	JOEY NG	2006-08-25				
Sheet	revision										
Index	sheet										



10069524

CUSTOMER Drawing