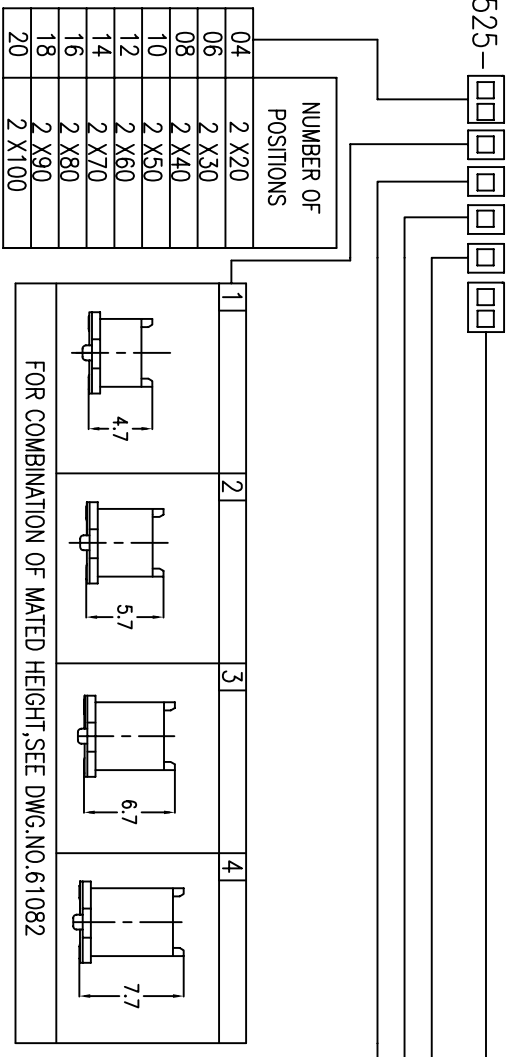


10069525 -



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

POLARIZATION PEG		HOLD DOWN
0	YES	NO
2	NO	NO

- NOTES:
1. MATERIAL:
HOUSING: G.F.LCP UL94V-0
TERMINAL: BRASS

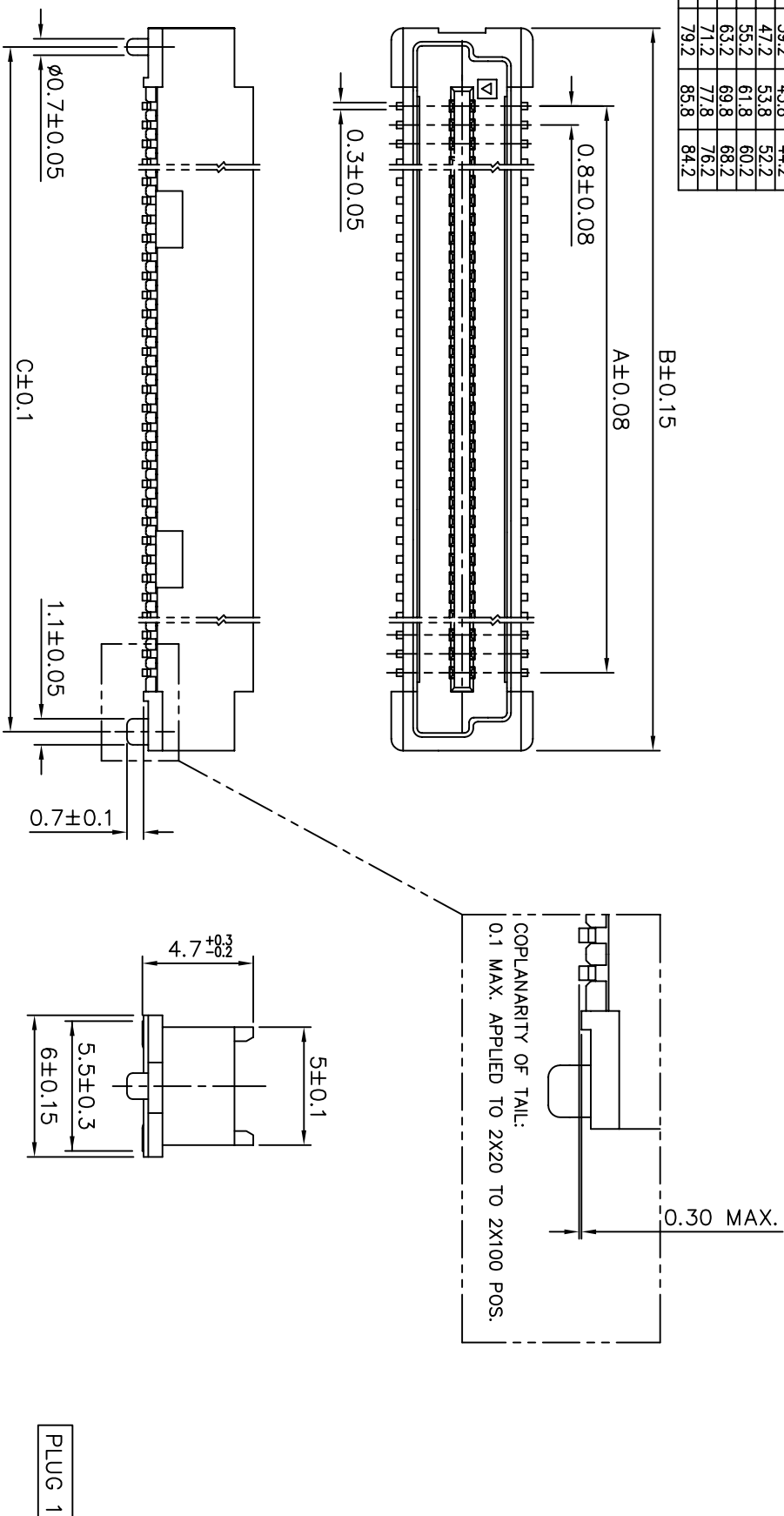
2. PLATING:
AS TABLE SHOW.
3. SEE GS-12-148 FOR PRODUCT SPECIFICATION.
4. SEE GS-14-551 AND GS-14-816 FOR PACKAGING SPECIFICATION.
5. PACKING OPTION 3: "CUSTOMER-SPECIFIC; LIMITED TO CERTAIN SIZES"
PACKING OPTION 2: NOT ALL SIZES AVAILABLE; CHECK WITH FACTORY"
6. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
7. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW
OVEN.
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
REQUIREMENTS OF COPLANARITY OF 0.1 FOR ALL POSITIONS.
10. A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH
HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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

mat'l. code		surface		tolerance		projection		product family	
ltr	ecrn no	dr	date	tol	unless otherwise specified	mm	mm	title	size
A	S06-0286	MCH	2006-08-25	angles	.XX±0.20	MM	3:1	0.8mm BOARD TO BOARD	A4
B	S06-0316	MCH	2006-08-25	angles	.XX±0.15	MM	3:1	PLUG ASSY	A4
C	S09-0216	MCH	2009-06-26	dr	.XX±0.10	MM	3:1	10069525	A4
D	S10-0069	MCH	2010-03-26	dr	.XX±0.10	MM	3:1	CUSTOMER Drawing	A4
-	-	-	-	engr	M.CHEONG	2006-08-25	FCI	sheet 1 of 6	A4
-	-	-	-	chr	M.CHEONG	2010-03-26	FCI	sheet 1 of 6	A4
-	-	-	-	appr	JOEY NG	2010-03-26	FCI	sheet 1 of 6	A4
sheet	revision	D	B	B	B	B	B	type	size
index	sheet	1	2	3	4	5	6		

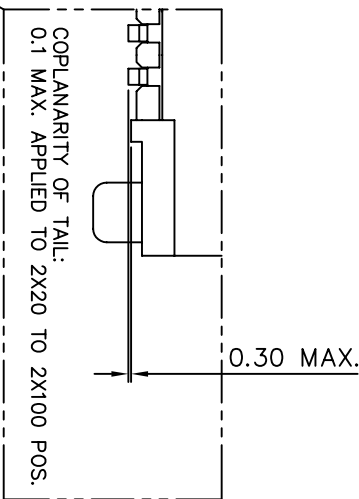
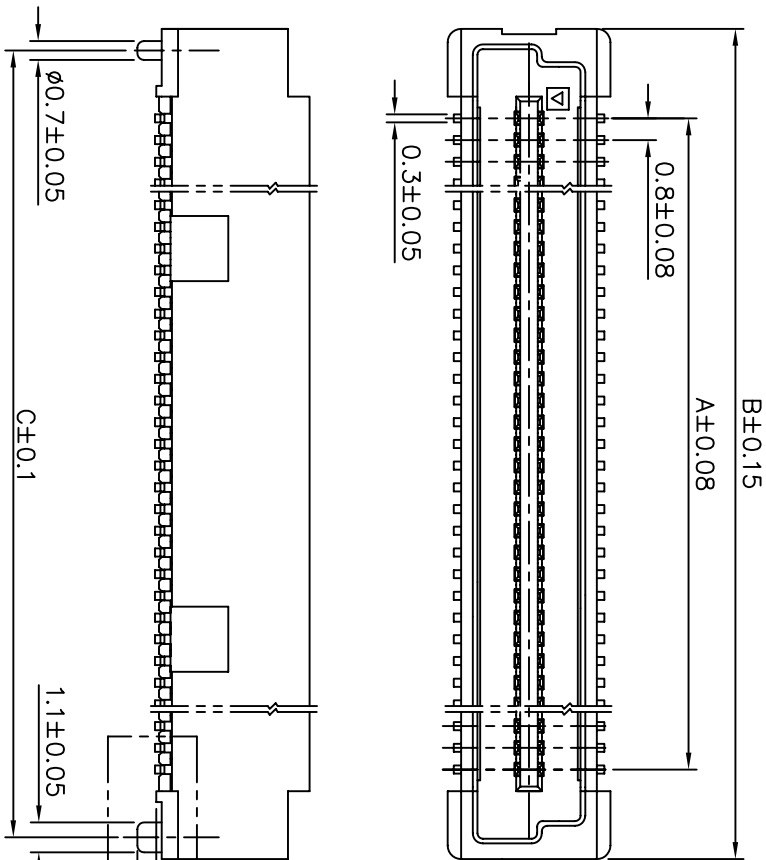


PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10059525-041****	2 X20	15.2	21.8	20.2
10059525-061****	2 X30	23.2	29.8	28.2
10059525-081****	2 X40	31.2	37.8	36.2
10059525-101****	2 X50	39.2	45.8	44.2
10059525-121****	2 X60	47.2	53.8	52.2
10059525-141****	2 X70	55.2	61.8	60.2
10059525-161****	2 X80	63.2	69.8	68.2
10059525-181****	2 X90	71.2	77.8	76.2
10059525-201****	2 X100	79.2	85.8	84.2



mat'l. code		surface		tolerance		projection		product family	
-		ASME Y14.5		ASME Y14.5				BERGSTAK	
litr	ecm no	date	tol. unless otherwise specified		MM		title		
A	S06-0286	MCH 2006-08-25	.X50.20				0.8mm BOARD TO BOARD PLUG ASS'y		
B	S06-0316	MCH 2006-09-25	.XX±0.15						
-	-	-	.XXX±0.10		scale 3:1		dwg no		
-	-	-	M.CHEONG		2006-08-25		sheet 2 of 6		
-	-	-	ENG'R		M.CHEONG		2006-08-25		
-	-	-	chr		M.CHEONG		2006-08-25		
-	-	-	JOEY NG		2006-08-25		type		
sheet revision		dppd		FCI		CUSTOMER Drawing		A4	
sheet index									

PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10069525-042***	2 X20	15.2	21.8	20.2
10069525-062***	2 X30	23.2	29.8	28.2
10069525-082***	2 X40	31.2	37.8	36.2
10069525-102***	2 X50	39.2	45.8	44.2
10069525-122***	2 X60	47.2	53.8	52.2
10069525-142***	2 X70	55.2	61.8	60.2
10069525-162***	2 X80	63.2	69.8	68.2
10069525-182***	2 X90	71.2	77.8	76.2
10069525-202***	2 X100	79.2	85.8	84.2

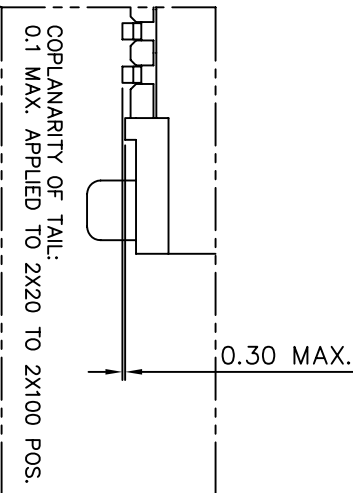
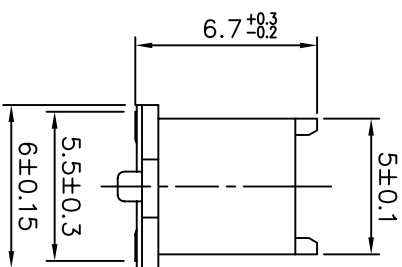
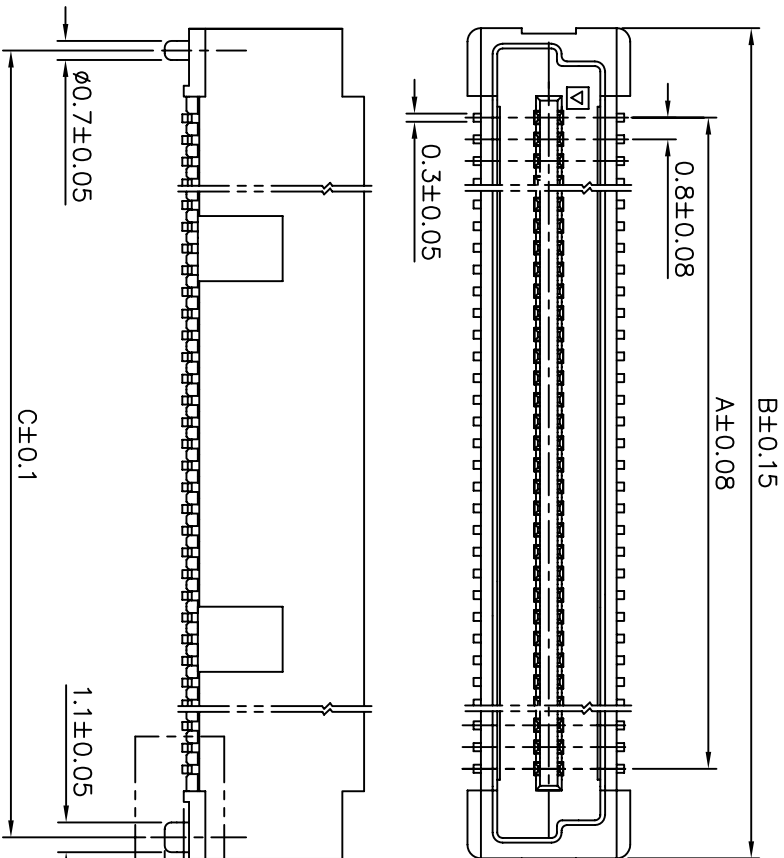


PLUG 2

mat'l. code				surface		tolerance		projection		product family	
ltr	ecrn no	dr	date	tol	unless otherwise specified	ASME Y14.5	ASME Y14.5	projection	scale	title	sheet no
A	S06-0286 MCH	2006-08-25	2006-08-25	angles	.XX±0.20	ASME Y14.5	ASME Y14.5	MM	3:1	0.8mm BOARD TO BOARD	10069525
B	S06-0316 MCH	2006-08-25	2006-08-25	0°±2°	.XXX±0.10	ASME Y14.5	ASME Y14.5	MM	3:1	PLUG ASS'y	10069525
-	-	-	-	dr	M.CHEONG	2006-08-25	2006-08-25	FCI	3:1		10069525
-	-	-	-	enjr	M.CHEONG	2006-08-25	2006-08-25	FCI	3:1		10069525
-	-	-	-	chr	M.CHEONG	2006-08-25	2006-08-25	FCI	3:1		10069525
-	-	-	-	appd	JOEY NG	2006-08-25	2006-08-25	FCI	3:1		10069525
Sheet	revision										
Index	sheet										



PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10069525-043***	2 X20	15.2	21.8	20.2
10069525-063***	2 X30	23.2	29.8	28.2
10069525-083***	2 X40	31.2	37.8	36.2
10069525-103***	2 X50	39.2	45.8	44.2
10069525-123***	2 X60	47.2	53.8	52.2
10069525-143***	2 X70	55.2	61.8	60.2
10069525-163***	2 X80	63.2	69.8	68.2
10069525-183***	2 X90	71.2	77.8	76.2
10069525-203***	2 X100	79.2	85.8	84.2

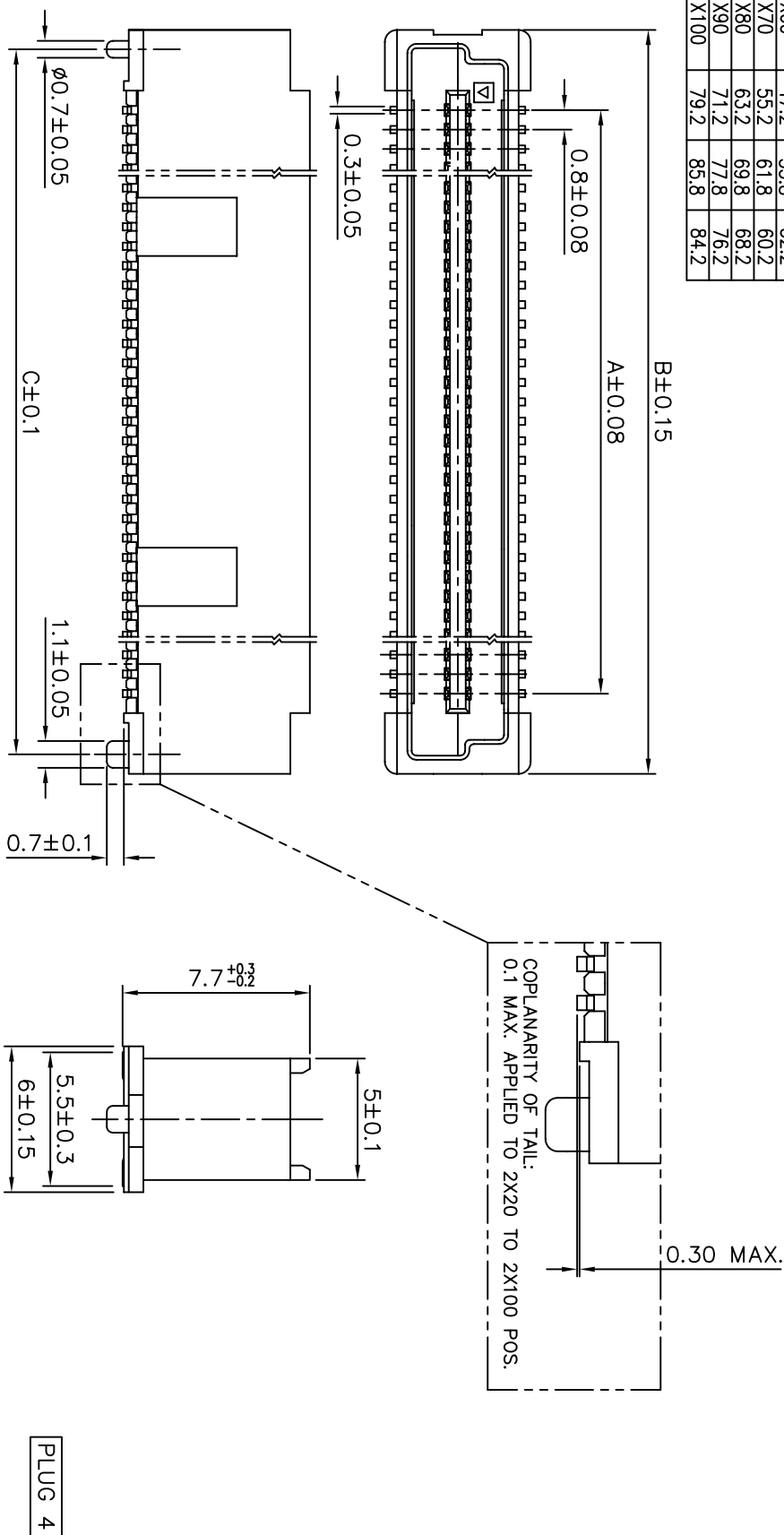


PLUG 3

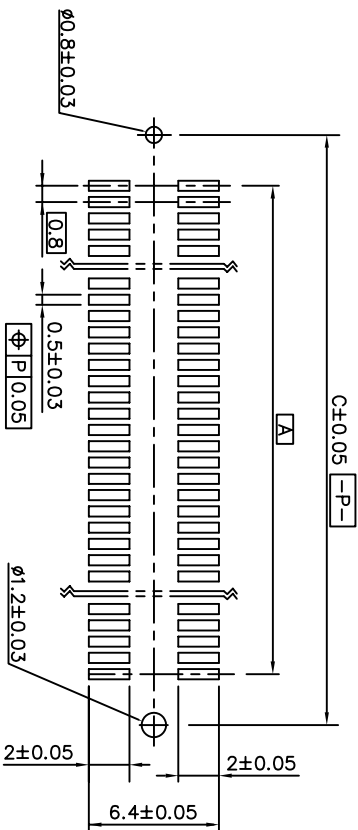
mat'l. code				surface		tolerance		projection		product family	
lfr	ecm no	dr	date	ASME Y14.5	ASME Y14.5	ASME Y14.5	ASME Y14.5	ASME Y14.5	ASME Y14.5	BERGSTAK	BERGSTAK
A	S06-0286 MCH	2006-08-25	2006-08-25	angles	unless otherwise specified	.XX±0.20	.XX±0.15	MM	scale 3:1	0.8mm BOARD TO BOARD	PLUG ASS'y
B	S06-0316 MCH	2006-09-25	2006-09-25	dr	M.CHEONG	2006-08-25	2006-08-25	engr	M.CHEONG	2006-08-25	2006-08-25
-	-	-	-	dr	M.CHEONG	2006-08-25	2006-08-25	chr	M.CHEONG	2006-08-25	2006-08-25
-	-	-	-	drpd	JOEY NG	2006-08-25	2006-08-25	-	-	-	-
Sheet	revision	sheet	sheet	sheet	sheet	sheet	sheet	sheet	sheet	sheet	sheet
Index	Index	Index	Index	Index	Index	Index	Index	Index	Index	Index	Index



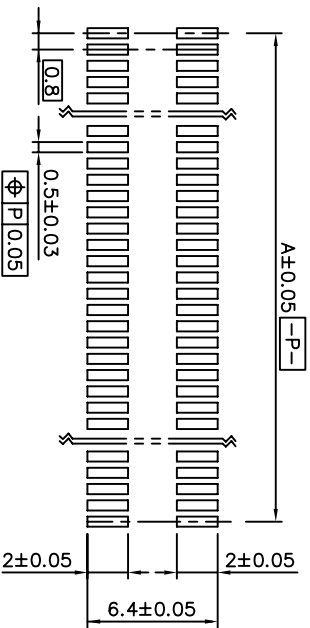
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10069525-044***	2 X20	15.2	21.8	20.2
10069525-064***	2 X30	23.2	29.8	28.2
10069525-084***	2 X40	31.2	37.8	36.2
10069525-104***	2 X50	39.2	45.8	44.2
10069525-124***	2 X60	47.2	53.8	52.2
10069525-144***	2 X70	55.2	61.8	60.2
10069525-164***	2 X80	63.2	69.8	68.2
10069525-184***	2 X90	71.2	77.8	76.2
10069525-204***	2 X100	79.2	85.8	84.2



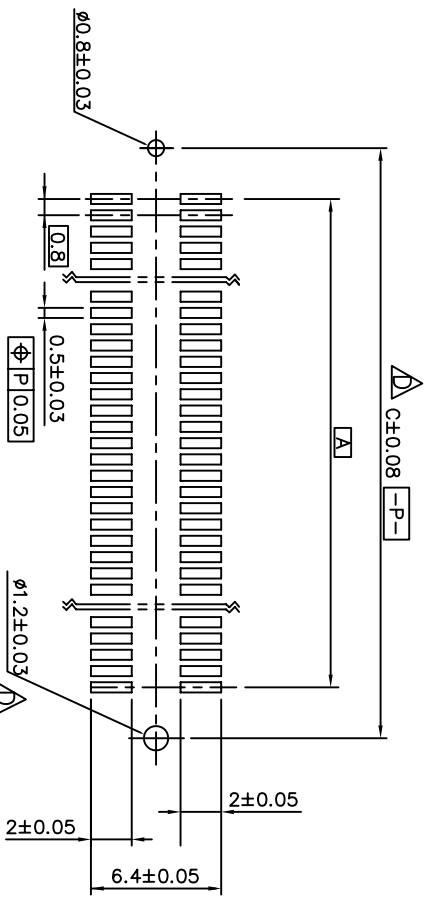
mat'l. code		surface		tolerance	projection	product family	
-		ASME Y14.5	☒	ASME Y14.5		BERGSTAK	
litr	ecn no	date	tol. unless otherwise specified			title	
A	S06-0286	MCH 2006-08-25	angles			0.8mm BOARD TO BOARD PLUG ASS'y	
B	S06-0316	MCH 2006-09-25	line			dwg no	
-	-	-	.XXX±0.10			sheet 5 of 6	
-	-	-	dr		size		
-	-	-	engr		10069525		
-	-	-	chr		A4		
-	-	-	JOE Y NG		CUSTOMER Drawing		
sheet	revision	dppd		type		CUSTOMER Drawing	
index	sheet						



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



RECOMMENDED PCB LAYOUT WITHOUT PEG AND HOLLOWDOWN
FOR NO. OF POS. 2X20, 2X30, 2X40, 2X50, 2X60



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

FOR PLUG 1/2/3/4

mat'l. code		surface		tolerance		projection		product family	
itr	ecr no	dr	date	tol	unless otherwise specified	angle	mm	title	BERGSTAK
A	S06-0286 MCH	2006-08-25						0.8mm BOARD TO BOARD	
B	S10-0069 MCH	2010-03-26						PLUG ASS'y	
-	-	-	-	$0 \pm 2^\circ$	.XX±0.15	scale 3:1			
-	-	-	-	dr	M.CHEONG	2006-08-25		dwg no	sheet 6 of 6
-	-	-	-	engr	M.CHEONG	2006-08-25		10069525	A4
-	-	-	-	chr	M.CHEONG	2010-03-26			
-	-	-	-	appd	JOEY NG	2010-03-26			
Sheet	revision								
Index	sheet								