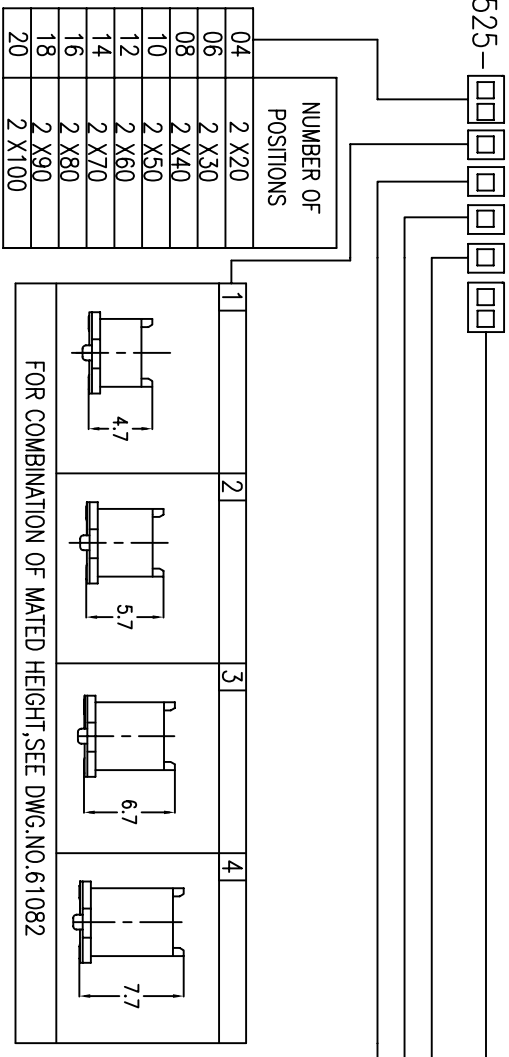


10069525 -



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

POLARIZATION PEG	
0	YES
2	NO

HOLD DOWN	
0	YES
2	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.

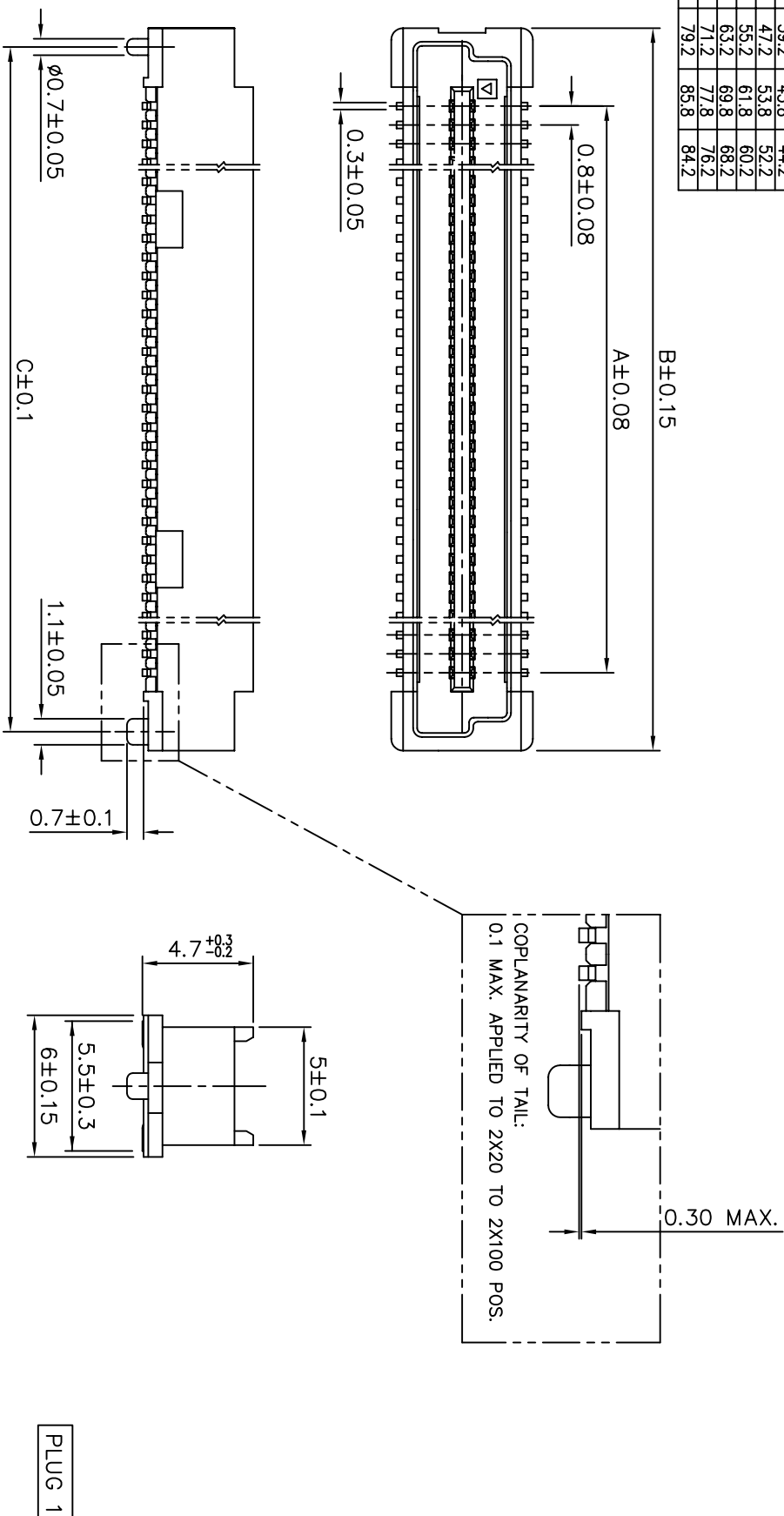
10. A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH
HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

PLATING ON CONTACT AREA.	
0	GOLD 0.2 um MIN. / TIN LEAD SOLDER
1	PALLADIUM-NICKEL 0.76 um MIN. / 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. / MATT PURE TIN 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	ecm no	dr	date	tol	unless otherwise specified	mm	mm	title	size
A	S06-0286	MCH	2006-08-25	angles	.XX±0.20	MM	MM	0.8mm BOARD TO BOARD	A4
B	S06-0316	MCH	2006-08-25	angles	.XX±0.15	MM	MM	PLUG ASSY	A4
C	S09-0216	MCH	2009-06-26	0°±2°	.XXX±0.10	MM	MM	10069525	A4
D	S10-0069	MCH	2010-03-26	dr	M.CHEONG	2006-08-25	scale 3:1	sheet 1 of 6	size
-	-	-	-	engr	M.CHEONG	2006-08-25	FCI	CUSTOMER Drawing	A4
-	-	-	-	chr	M.CHEONG	2010-03-26	type		
-	-	-	-	appr	JOEY NG	2010-03-26			
sheet	revision	D	B	B	B	B			
index	sheet	1	2	3	4	5	6		

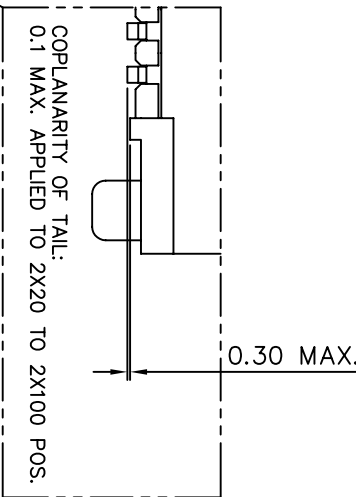
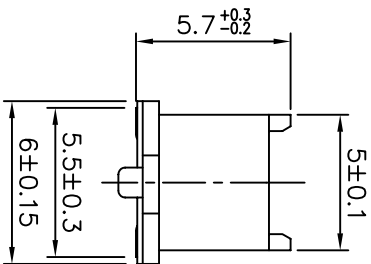
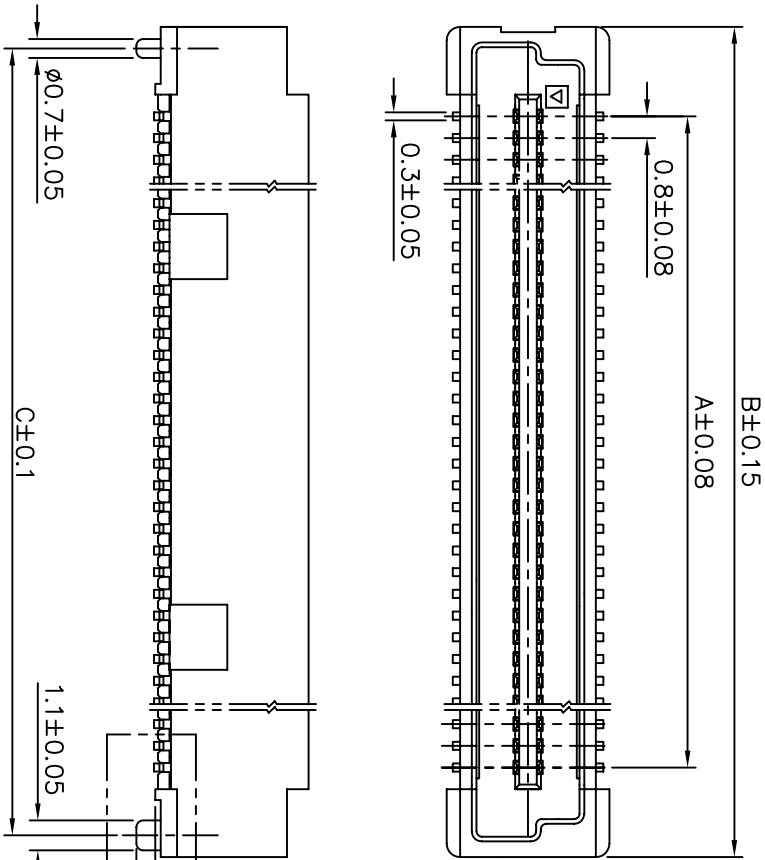


PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10059525-041***	2 X20	15.2	21.8	20.2
10059525-061***	2 X30	23.2	29.8	28.2
10059525-081***	2 X40	31.2	37.8	36.2
10059525-101***	2 X50	39.2	45.8	44.2
10059525-121***	2 X60	47.2	53.8	52.2
10059525-141***	2 X70	55.2	61.8	60.2
10059525-161***	2 X80	63.2	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 ecn 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		size	
sheet		revision		dppd		FCI		A4	
index		sheet						CUSTOMER Drawing	

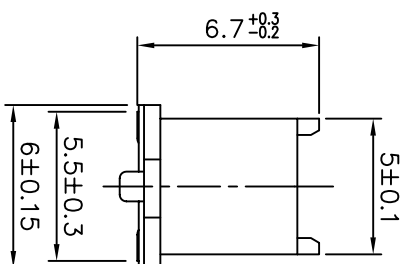
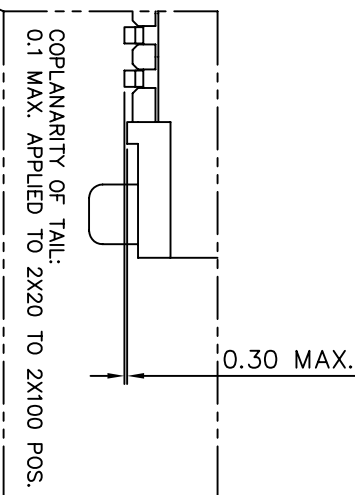
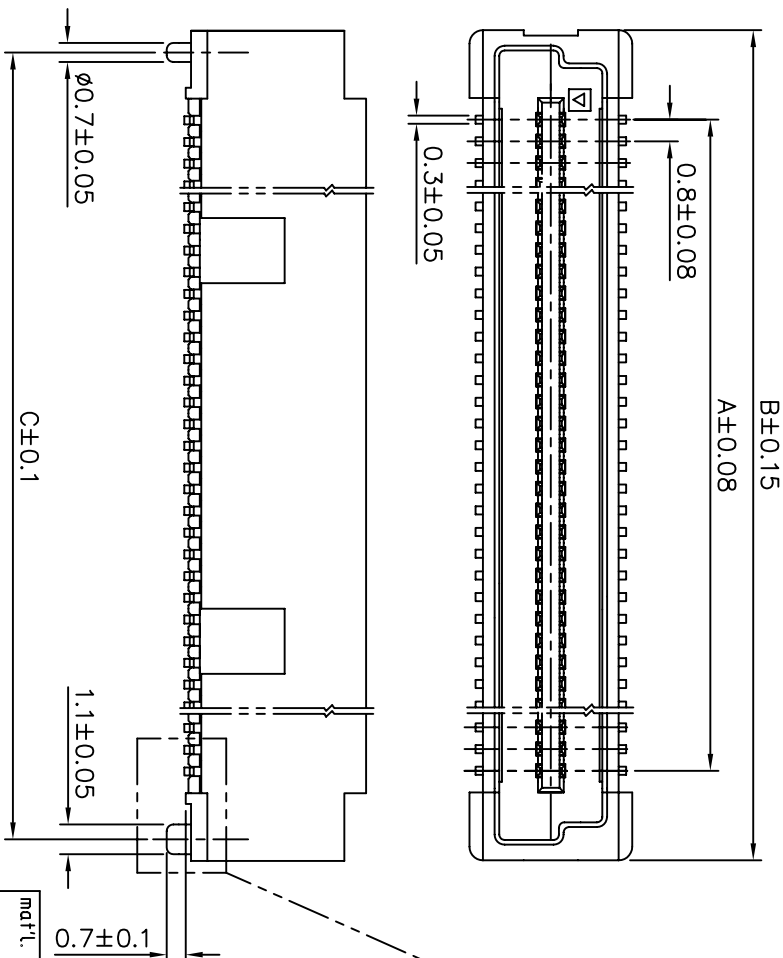
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10069525-042***	2 X20	15.2	21.8	20.2
10069525-062***	2 X30	23.2	29.8	28.2
10069525-082***	2 X40	31.2	37.8	36.2
10069525-102***	2 X50	39.2	45.8	44.2
10069525-122***	2 X60	47.2	53.8	52.2
10069525-142***	2 X70	55.2	61.8	60.2
10069525-162***	2 X80	63.2	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	
itr	ecm	no	dt	date	tol	unless otherwise specified	ASME Y14.5	ASME Y14.5	ASME Y14.5	title	BERGSTAK
A	S06-0286	MCH	2006-08-25	angles	0°±2°	.XX±0.20	MM	scale 3:1	MM	0.8mm BOARD TO BOARD	
B	S06-0316	MCH	2006-08-25	0°±2°	.XXX±0.10	scale 3:1	MM	scale 3:1	MM	PLUG ASS'y	
-	-	-	-	dr	M.CHEONG	2006-08-25	FCI	dwg no	10069525	sheet 3 of 6	size
-	-	-	-	enjr	M.CHEONG	2006-08-25	FCI	type	CUSTOMER Drawing	A4	
-	-	-	-	chr	M.CHEONG	2006-08-25	FCI				
-	-	-	-	appd	JOEY NG	2006-08-25	FCI				
Sheet	revision										
Index	sheet										

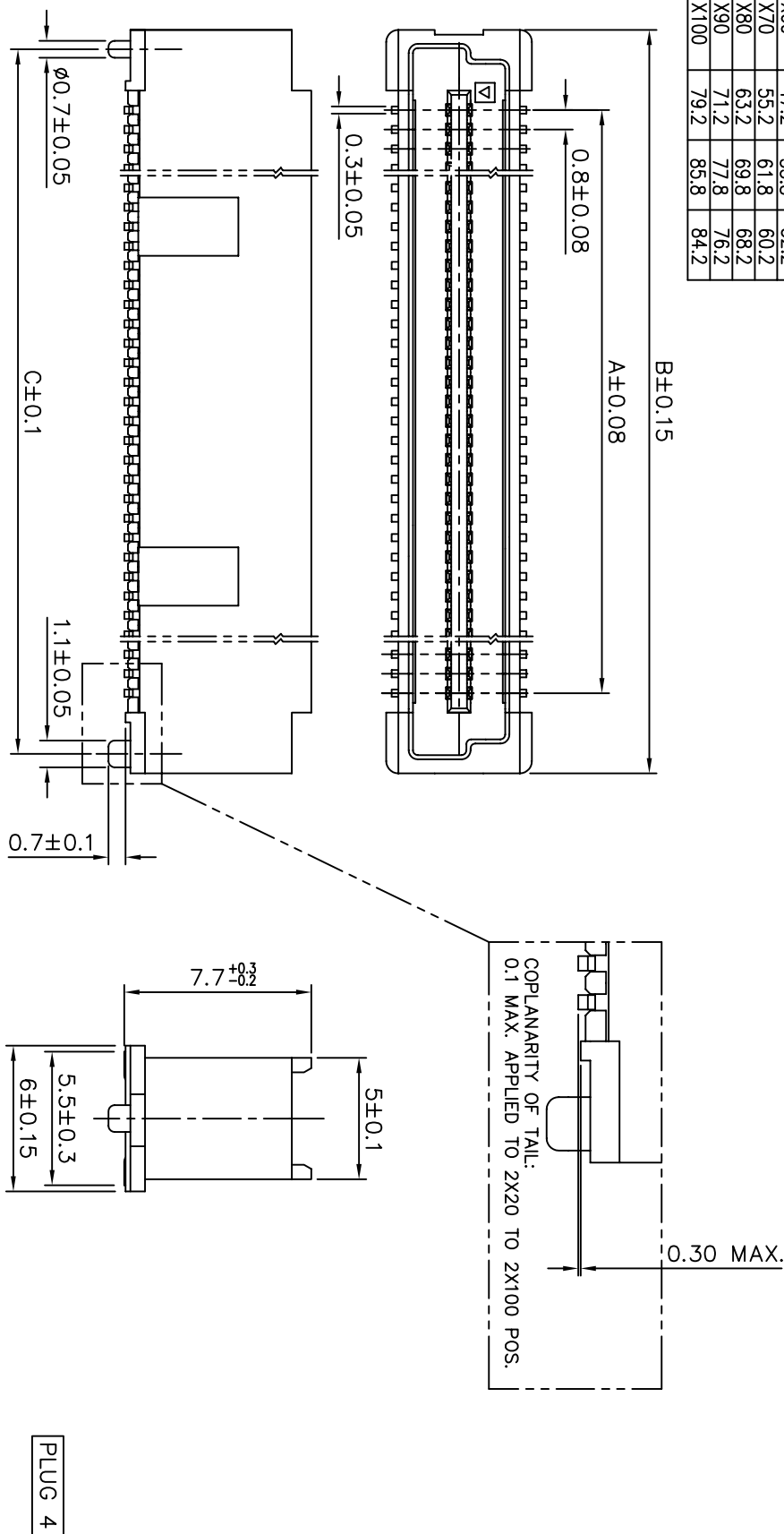
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10069525-043**	2 X20	15.2	21.8	20.2
10069525-063***	2 X30	23.2	29.8	28.2
10069525-083***	2 X40	31.2	37.8	36.2
10069525-103***	2 X50	39.2	45.8	44.2
10069525-123***	2 X60	47.2	53.8	52.2
10069625-143***	2 X70	55.2	61.8	60.2
10069525-163***	2 X80	63.2	69.8	68.2
10069525-183***	2 X90	71.2	77.8	76.2
10069525-203***	2 X100	79.2	85.8	84.2



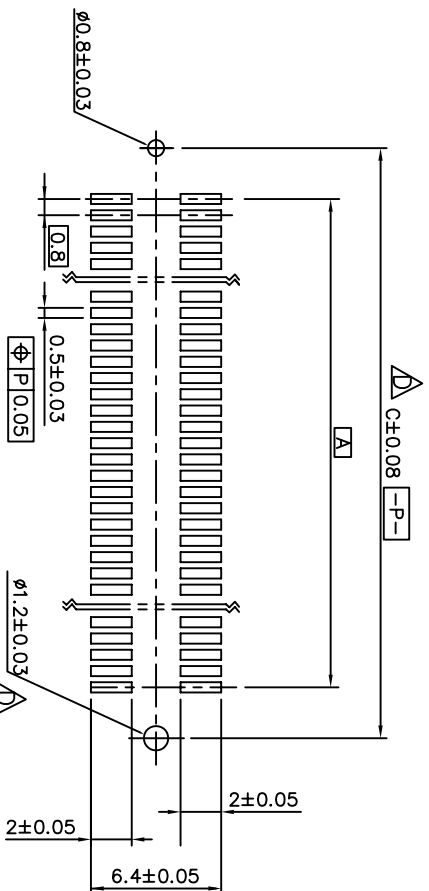
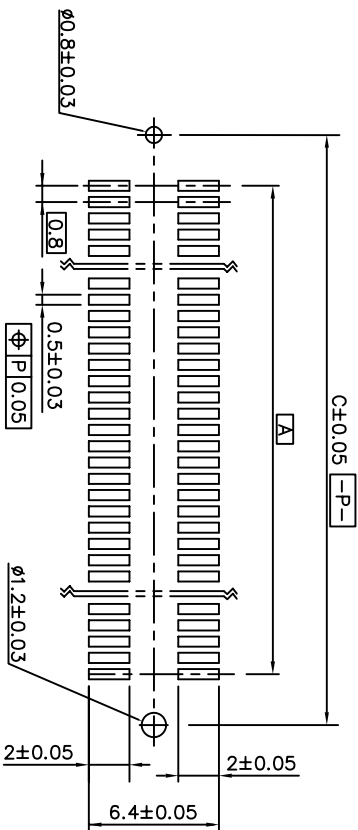
mat'l. code		surface		tolerance		projection		product family	
-		ASME Y14.5		ASME Y14.5				BERGSTAK	
ltr	ecm no	date	tol. unless otherwise specified		MM		title		
A	S06-0286	MCH 2006-08-25	angles		.X±0.20		0.8mm BOARD TO BOARD		
B	S06-0316	MCH 2006-09-25	mm		.XX±0.15		PLUG ASSY		
-	-	-	0±.2"		.XXX±0.10		scale 3:1		
-	-	-	dr		MCHONG		2006-08-25		
-	-	-	engr		MCHONG		2006-08-25		
-	-	-	chr		MCHONG		2006-08-25		
-	-	-	JOEY NG		2006-08-25		dwg no		
revision		sheet		sheet		sheet 4 of 6		size	
index		sheet		sheet		sheet		A4	
								CUSTOMER Drawing	



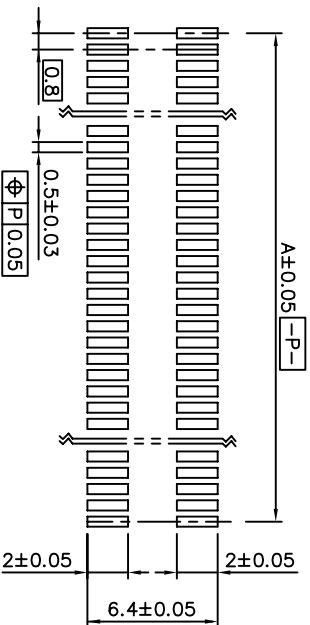
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10069525-044***	2 X20	15.2	21.8	20.2
10069525-064***	2 X30	23.2	29.8	28.2
10069525-084***	2 X40	31.2	37.8	36.2
10069525-104***	2 X50	39.2	45.8	44.2
10069525-124***	2 X60	47.2	53.8	52.2
10069525-144***	2 X70	55.2	61.8	60.2
10069525-164***	2 X80	63.2	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	
ltr	ecn 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		XX±0.15		PLUG ASSY		
-	-	-	0±.2"		XXX±0.10		scale 3:1		
-	-	-	dr		M.CHEONG		dwg no		
-	-	-	enfr		M.CHEONG		sheet 5 of 6		
-	-	-	chr		M.CHEONG		10069525		
-	-	-	JOEY NG		2006-08-25		A4		
revision		dppd		2006-08-25		type		CUSTOMER Drawing	
sheet index		sheet							



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



FOR PLUG 1/2/3/4

mat'l. code				surface		tolerance		projection		product family	
-				ASMEY14.5		ASME Y14.5		Ø		BERGSTAK	
ltr	ec'n no	dr	date	tol unless otherwise specified		angles		MM		title	
A	S06-0286	MCH	2006-08-25	.XX±0.20		.XX±0.15		scale 3:1		0.8mm BOARD TO BOARD	
B	S10-0069	MCH	2010-03-26	.XXX±0.10		.XXX±0.10		scale 3:1		PLUG ASS'y	
-	-	-	-	0°±2°		.XXX±0.10		scale 3:1		dwg no	
-	-	-	-	M.CHEONG		2006-08-25		sheet 6 of 6		size	
-	-	-	-	engr		2006-08-25		10069525		A4	
-	-	-	-	chr		M.CHEONG		2010-03-26		CUSTOMER Drawing	
-	-	-	-	dppd		JOEY NG		2010-03-26		-	
Sheet	revision										
Index	sheet										

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

<u>10069525-041402LF</u>	<u>10069525-164602LF</u>	<u>10069525-041409LF</u>	<u>10069525-202602LF</u>	<u>10069525-204402LF</u>
<u>10069525-204602LF</u>	<u>10069525-124402LF</u>	<u>10069525-104402LF</u>	<u>10069525-202609LF</u>	<u>10069525-164402LF</u>
<u>10069525-163502LF</u>	<u>10069525-201400LF</u>	<u>10069525-162502LF</u>	<u>10069525-183402LF</u>	<u>10069525-201402LF</u>
<u>10069525-142602LF</u>	<u>10069525-123402LF</u>	<u>10069525-163402LF</u>	<u>10069525-143402LF</u>	<u>10069525-141402LF</u>
<u>10069525-121402LF</u>	<u>10069525-202102</u>	<u>10069525-162402LF</u>	<u>10069525-161402LF</u>	