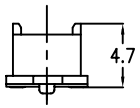
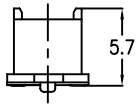
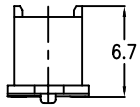
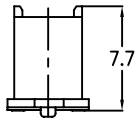
Copyright FCI.

FCIconnect.com

10069525-□□□□□□□□

	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

1	2	3	4
			
4.7	5.7	6.7	7.7
FOR COMBINATION OF MATED HEIGHT,SEE DWG.NO.61082			

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

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

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

ltr	ecn no	dr	date
A	S06-0286	MCH	2006-08-25
B	S06-0316	MCH	2006-09-25
C	S09-0216	MCH	2009-06-26
D	S10-0069	MCH	2010-03-26
-	-	-	-
-	-	-	-
-	-	-	-

sheet index	revision	D	B
	sheet	1	2

mat'l. code: -
surface: ASMEY14.5
tolerance: ASME Y14.5
tol unless otherwise specified: angles 0°±2°; Linear .X±0.20, .XX±0.15, .XXX±0.10

dr	M.CHEONG	2006-08-25
engr	M.CHEONG	2006-08-25
chr	M.CHEONG	2010-03-26
appd	JOEY NG	2010-03-26

B	B	B	B
3	4	5	6

projection
MM
scale 3:1

product family: BERGSTAK
title: 0.8mm BOARD TO BOARD PLUG ASS'Y
dwg no: 10069525
sheet 1 of 6
size: A4
type: CUSTOMER Drawing

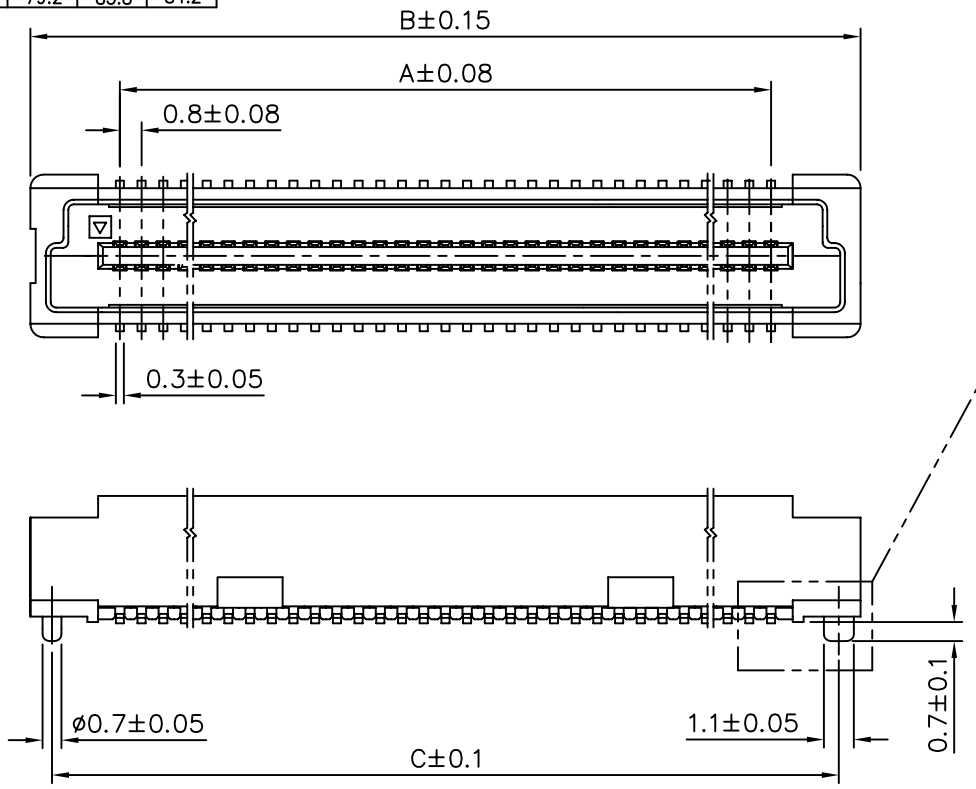
PDM: Rev:D STATUS Released Printed: Apr 20, 2010

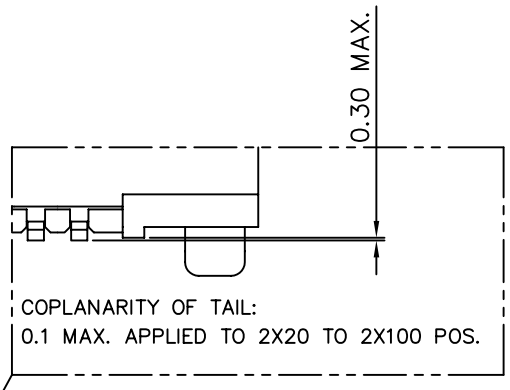
form: A4mmXLc

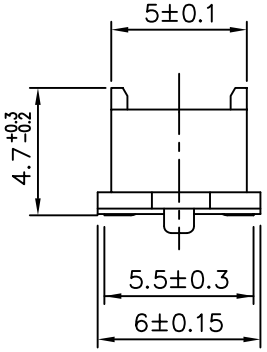
Copyright FCI.

FCIconnect.com

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







PLUG 1

mat'l. code				surface	tolerance	projection	product family
–				ASME Y14.5	ASME Y14.5		BERGSTAK
ltr	ecn no	dr	date	tol unless otherwise specified			title
A	S06-0286	MCH	2006-08-25	angles	.X±0.20	MM	0.8mm BOARD TO BOARD PLUG ASS'Y
B	S06-0316	MCH	2006-09-25	0°±2°	.XX±0.15		
–	–	–	–		.XXX±0.10	scale 3:1	
–	–	–	–	dr	M.CHEONG 2006-08-25		dwg no 10069525 sheet 2 of 6 size A4
–	–	–	–	engr	M.CHEONG 2006-08-25		
–	–	–	–	chr	M.CHEONG 2006-08-25		type CUSTOMER Drawing
–	–	–	–	appd	JOEY NG 2006-08-25		

sheet index | revision sheet

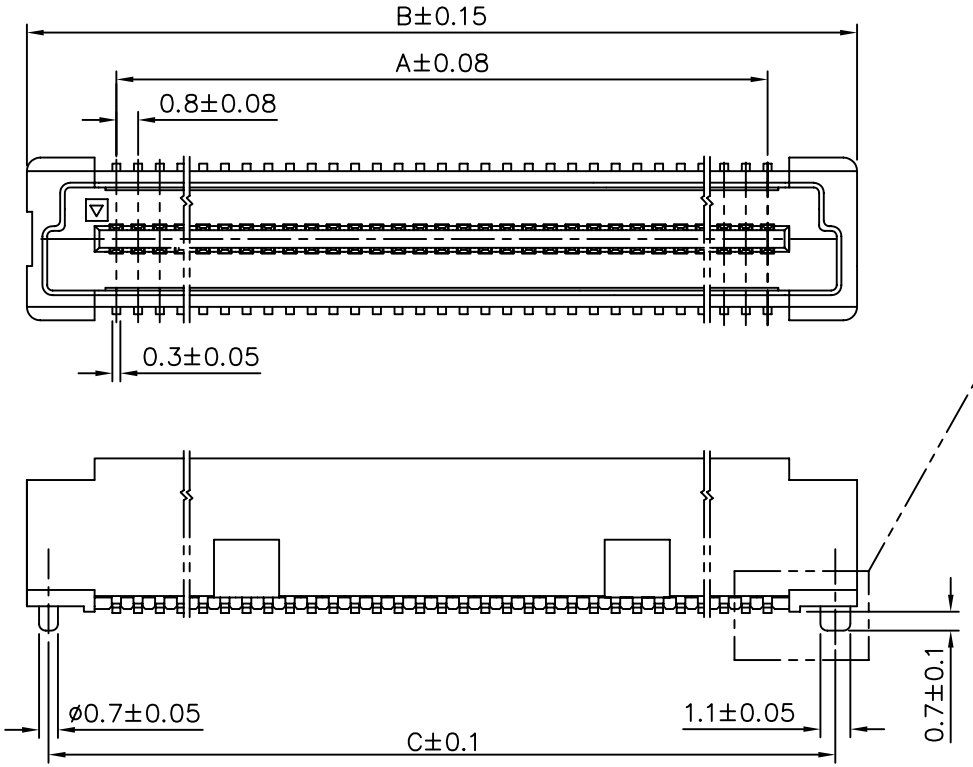
form: A4mmXLc

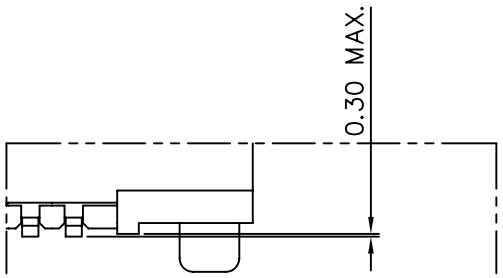
Printed: Apr 20, 2010
STATUS Released
PDM: Rev:D

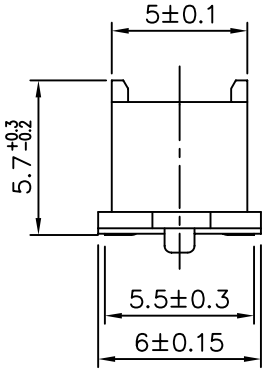
Copyright FCI.

FCIconnect.com

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
–				ASME Y14.5	ASME Y14.5		BERGSTAK
ltr	ecn no	dr	date	tol unless otherwise specified			title
A	S06-0286	MCH	2006-08-25	angles	.X±0.20	MM	0.8mm BOARD TO BOARD PLUG ASS'Y
B	S06-0316	MCH	2006-09-25	0°±2°	.XX±0.15		
–	–	–	–		.XXX±0.10	scale 3:1	
–	–	–	–	dr	M.CHEONG 2006-08-25		dwg no 10069525 sheet 3 of 6 size A4
–	–	–	–	engr	M.CHEONG 2006-08-25		
–	–	–	–	chr	M.CHEONG 2006-08-25		type CUSTOMER Drawing
–	–	–	–	appd	JOEY NG 2006-08-25		

sheet index | revision sheet

STATUS Released

PDM: Rev:D

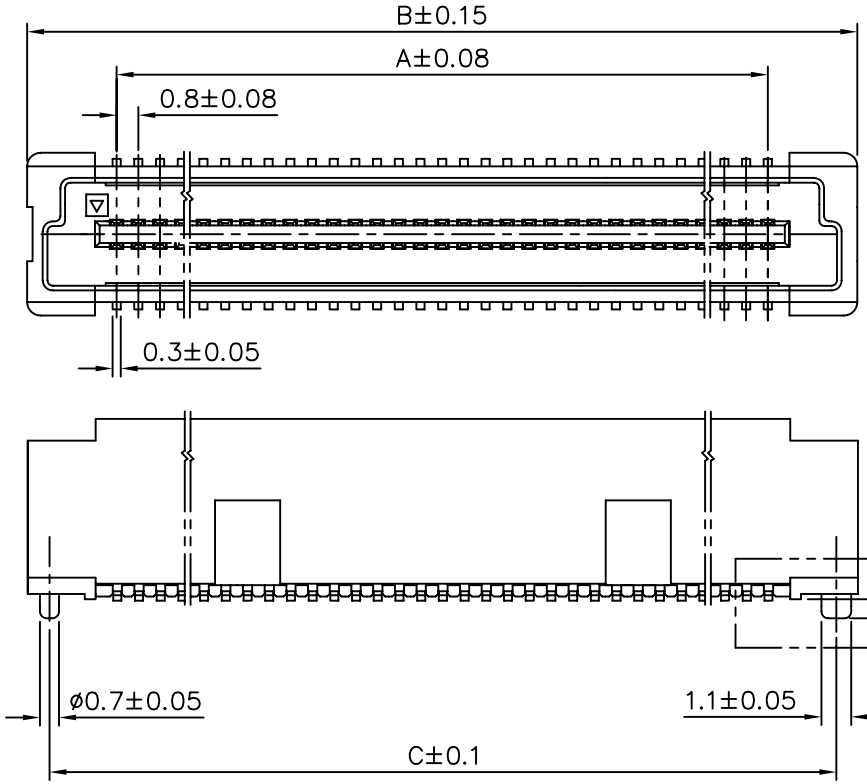
Printed: Apr 20, 2010

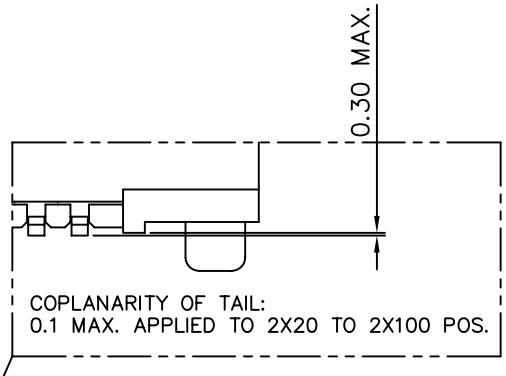
form: A4mmXLc

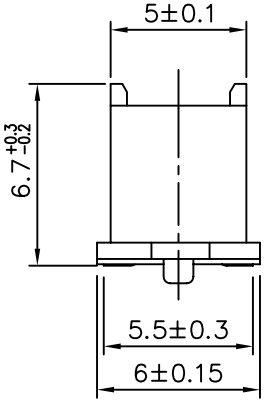
Copyright FCI.

FCIconnect.com

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







PLUG 3

mat'l. code	surface	tolerance	projection	product family
–	ASME Y14.5	ASME Y14.5		BERGSTAK

ltr	ecn no	dr	date
A	S06-0286	MCH	2006-08-25
B	S06-0316	MCH	2006-09-25
–	–	–	–
–	–	–	–
–	–	–	–
–	–	–	–

tol unless otherwise specified: angles 0°±2°; linear .X±0.20, .XX±0.15, .XXX±0.10

MM

scale 3:1

dr	M.CHEONG	2006-08-25
engr	M.CHEONG	2006-08-25
chr	M.CHEONG	2006-08-25
appd	JOEY NG	2006-08-25

title: 0.8mm BOARD TO BOARD PLUG ASS'Y

dwg no: 10069525 | sheet 4 of 6 | size: A4

type: CUSTOMER Drawing

sheet index | revision sheet

STATUS Released

PDM: Rev:D

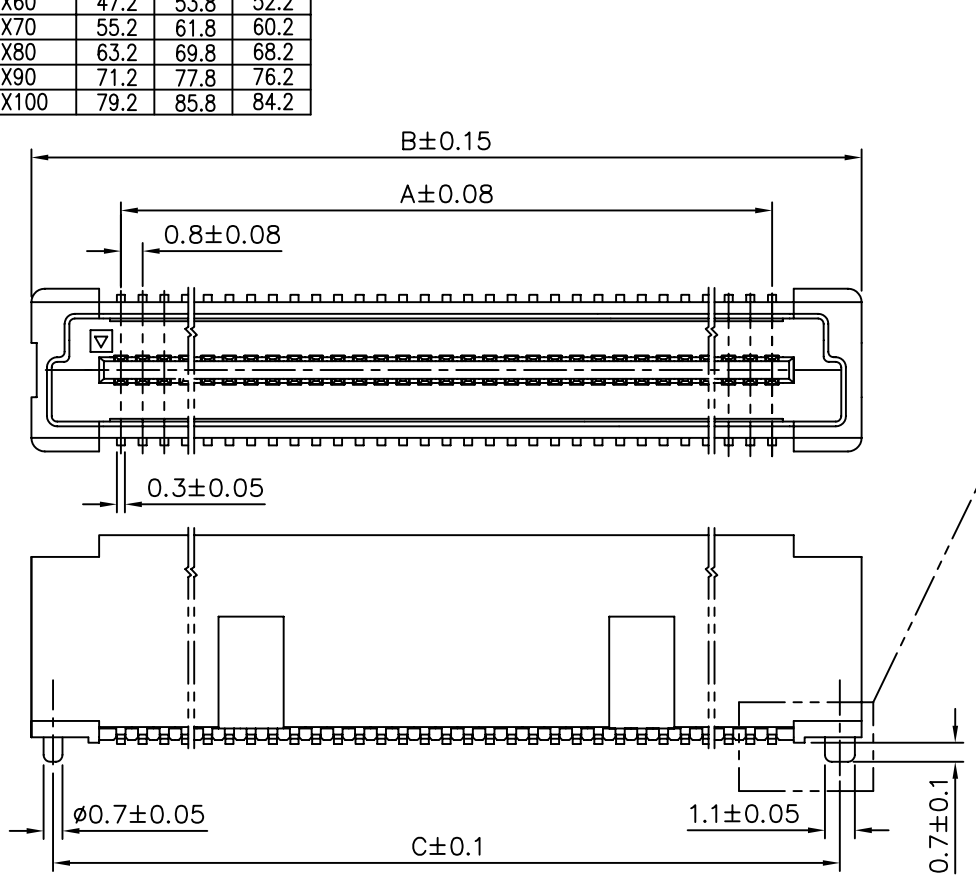
Printed: Apr 20, 2010

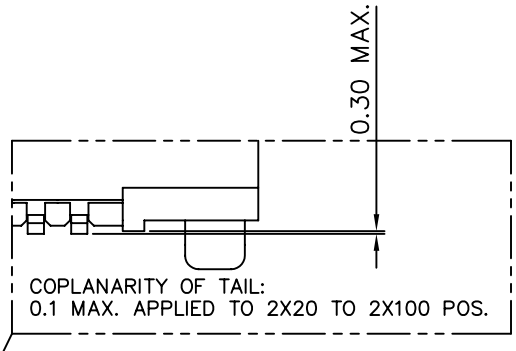
form: A4mmXLc

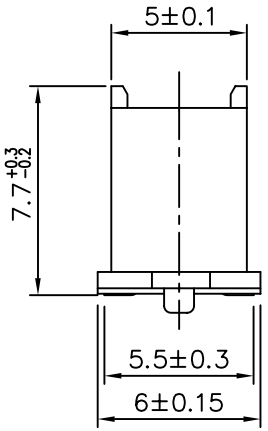
Copyright FCI.

FCIconnect.com

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







PLUG 4

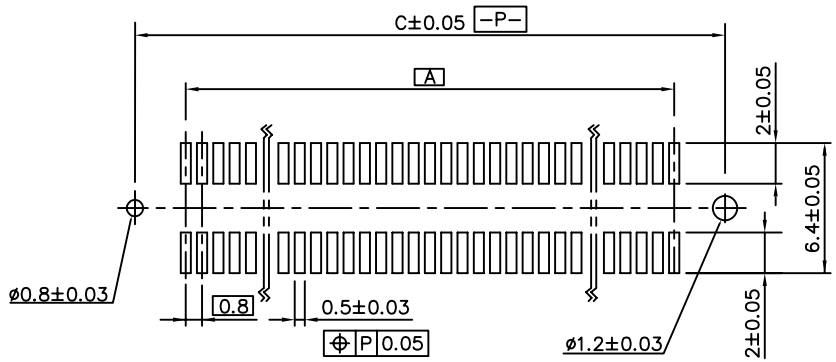
mat'l. code				surface	tolerance	projection	product family
–				ASME Y14.5	ASME Y14.5		BERGSTAK
ltr	ecn no	dr	date	tol unless otherwise specified			title
A	S06-0286	MCH	2006-08-25	angles	linear .X±0.20	MM	0.8mm BOARD TO BOARD PLUG ASS'Y
B	S06-0316	MCH	2006-09-25		.XX±0.15		
–	–	–	–	0°±2°	.XXX±0.10	scale 3:1	
–	–	–	–	dr	M.CHEONG	2006-08-25	dwg no 10069525 sheet 5 of 6 size A4
–	–	–	–	engr	M.CHEONG	2006-08-25	
–	–	–	–	chr	M.CHEONG	2006-08-25	
–	–	–	–	appd	JOEY NG	2006-08-25	type CUSTOMER Drawing
sheet index	revision sheet						

PDM: Rev:D STATUS Released Printed: Apr 20, 2010

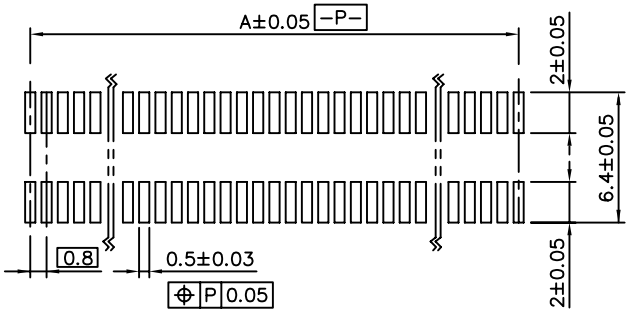
form: A4mmXLc

Copyright FCI.

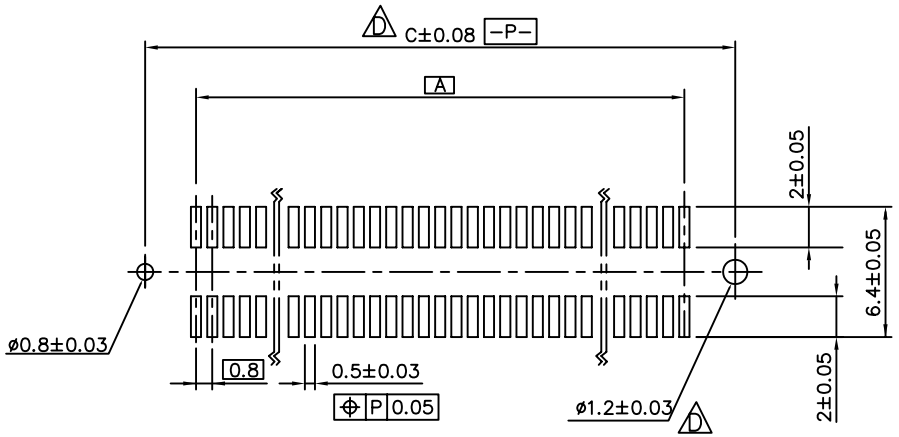
FCIconnect.com



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



RECOMMENDED PCB LAYOUT WITHOUT PEG AND HOLDDOWN
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 ASMEY14.5		tolerance ASME Y14.5			projection	product family BERGSTAK			
ltr	ecn no	dr	date	tol unless otherwise specified						title 0.8mm BOARD TO BOARD PLUG ASS'Y			
A	S06-0286	MCH	2006-08-25	angles	linear	.X±0.20			MM				
B	S10-0069	MCH	2010-03-26			.XX±0.15							
–	–	–	–	0°±2°		.XXX±0.10			scale 3:1				
–	–	–	–	dr	M.CHEONG	2006-08-25				dwg no 10069525		sheet 6 of 6	size A4
–	–	–	–	engr	M.CHEONG	2006-08-25							
–	–	–	–	chr	M.CHEONG	2010-03-26				type CUSTOMER Drawing			
–	–	–	–	appd	JOEY NG	2010-03-26							
sheet index	revision sheet												

STATUS Released

PDM: Rev:D

Printed: Apr 20, 2010

form: A4mmXLc

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:
moschip.ru
moschip.ru_4
moschip.ru_6
moschip.ru_9