10069524- AA B C D E V FF

AA	POSITION
04	2X20
06	2X30
08	2X40
10	2X50
12	2X60
14	2X70
16	2X80
18	2X90
20	2X100

B	FOR PLUG, SEE DWG. NO. 10069525			
COMBINATION OF MATED HEIGHT	Plug 1	Plug 2	Plug 3	Plug 4
Recep 1	3.7 / 5	6	7	8
Recep 2	7.7 / 9	10	11	12
Recep 3	11.7 / 13	14	15	16

V	MANDATORY CODE
/	STANDARD
H	FOR HUAWEI

E	PACKAGING
0	TUBE WITHOUT METAL CAP
2	T&R WITH METAL CAP
9	TUBE WITH METAL CAP

D	POLARIZATION PEG	HOLD DOWN
0	YES	NO
2	NO	NO

C	PLATING ON CONTACT AREA	FF
0	GOLD 0.2um MIN / TIN LEAD NICKEL UNDERPLATE OVERALL 1.27um MIN	NONE
1	GOLD FLASH (0.1um MIN) OVER PALLADIUM-NICKEL 0.76um MIN / TIN LEAD NICKEL UNDERPLATE OVERALL 1.27um MIN	NONE
4	GOLD 0.2um MIN / PURE TIN 2um MIN (LEAD FREE) NICKEL UNDERPLATE OVERALL 1.27um MIN	LF
5	GOLD 0.38um MIN / PURE TIN 2um MIN (LEAD FREE) NICKEL UNDERPLATE OVERALL 1.27um MIN	LF
6	GOLD FLASH (0.1um MIN) OVER PALLADIUM-NICKEL 0.76um MIN / PURE TIN 2um MIN (LEAD FREE) NICKEL UNDERPLATE OVERALL 1.27um MIN	LF
9	GOLD 0.2um MIN / GOLD 0.05um MIN (LEAD FREE) NICKEL UNDERPLATE OVERALL 1.27um MIN	LF

NOTES:
1. MATERIAL
   HOUSING: LCP UL 94V-0
   TERMINAL: NICKEL COPPER
2. PLATING
   AS SHOWN IN TABLE.
3. SEE GS-12-547 FOR PRODUCT SPEC.
4. SEE GS-14-551 AND GS-14-816 FOR THE DETAILS OF PACKAGING.
   PRODUCT WILL BE PACKED IN ACCORDANCE TO GLOBAL PROCEDURE GS-14-920.
5. PACKAGING OPTION 2: "NOT ALL SIZES AVAILABLE; CHECK WITH FACTORY".
6. THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
7. THE HOUSING WITH WITHSTAND EXPOSURE UP TO 260° PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR REFLOW OVEN.
8. PLATING OPTION "4" IS LEADFREE ALTERNATIVE FOR OPTION "0", AND OPTION "6" IS LEADFREE ALTERNATIVE FOR OPTION "1".
9. THIS PARTNUMBER ONLY CATER FOR SPECIAL CUSTOMER REQUIREMENT OF COPLANARITY OF 0.1 FOR ALL POSITION.

ltr	ecn no	dr	date
A	S06-0286	MCH	08/25/06
B	S06-0316	MCH	09/25/06
C	S09-0326	MCH	10/21/09
D	ELX-N-20407	Jim	03/26/15
E	ELX-N-28867	Bob	12/22/17
F	ELX-N-31885	Bob	11/22/18

dr	M. Cheong	08/25/06
engr	Bob Gu	11/22/18
chr	LQ Lei	11/22/18
appd	Tim Yao	11/22/18

mat'l. code | surface ISO 1302 √ | tolerance ISO 406 ISO 1101 | projection | product family: BERGSTAK HPL545

tolerances unless otherwise specified: angles ±2°; linear .0±.2, .00±.15, .000±.10; mm; scale 1:1

title: RECEPTACLE ASSY BERGSTAK 0.8MM

dwg no 10069524 | sheet 1 of 6 | size A3

type Product Customer Drawing

sheet index	revision	E	F
	sheet	1~6	1~6

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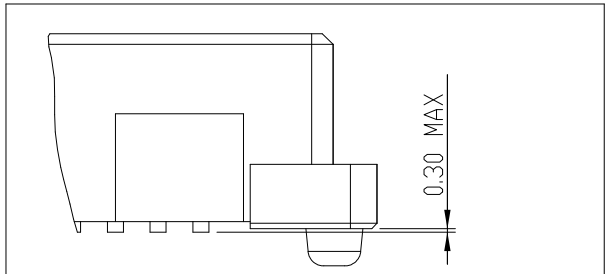
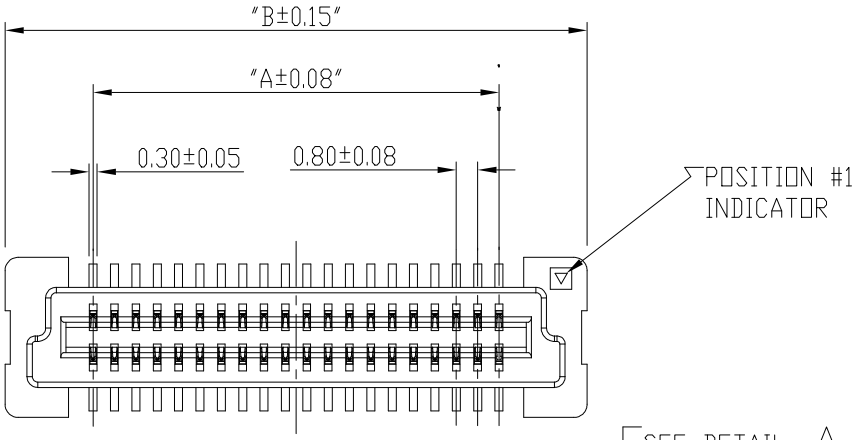
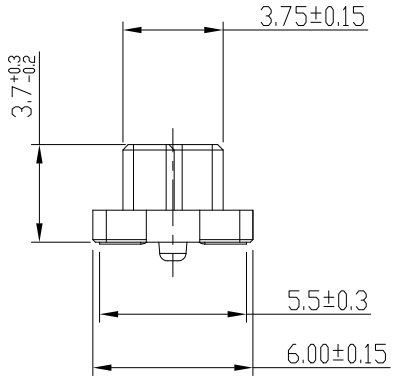
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10069524-041***	2X20	15.2	21.8	20.2
10069524-061***	2X30	23.2	29.8	28.2
10069524-081***	2X40	31.2	37.8	36.2
10069524-101***	2X50	39.2	45.8	44.2
10069524-121***	2X60	47.2	53.8	52.2
10069524-141***	2X70	55.2	61.8	60.2
10069524-161***	2X80	63.2	69.8	68.2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

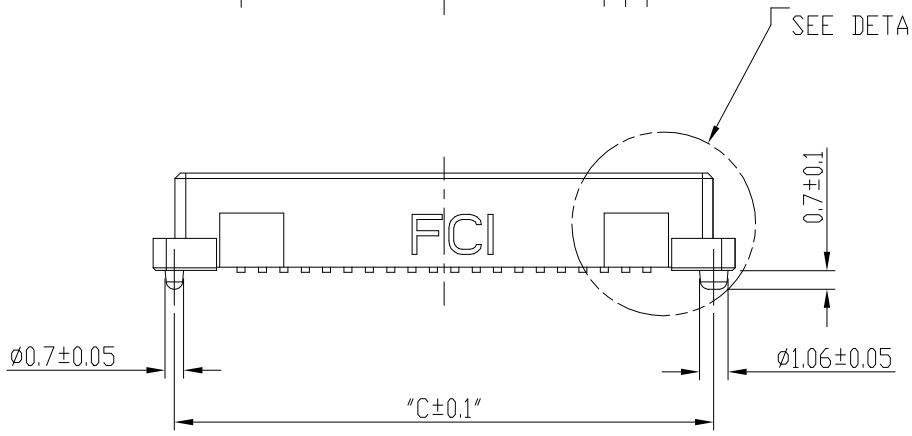


COPLANARITY OF TAIL:
0.1 MAX. APPLIED TO 2X20 TO 2X100 POS.

DETAIL A
SCALE 10:1







RECEPTACLE 1

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection	product family BERGSTAK HPL545		
ltr	ecn no	dr	date	tolerances unless otherwise specified					title RECEPTACLE ASSY BERGSTAK 0.8MM		
F				angles X°±2°	linear	.0±.2		mm			
						.00±.15					
						.000±.10		scale 1:1			
				dr	M. Cheong	08/25/06			dwg no 10069524	sheet 2 of 6	size A3
				engr	Bob Gu	11/22/18					
				chr	LQ Lei	11/22/18					
				appd	Tim Yao	11/22/18			type Product Customer Drawing		
sheet index	revision	F									
	sheet	1~6									

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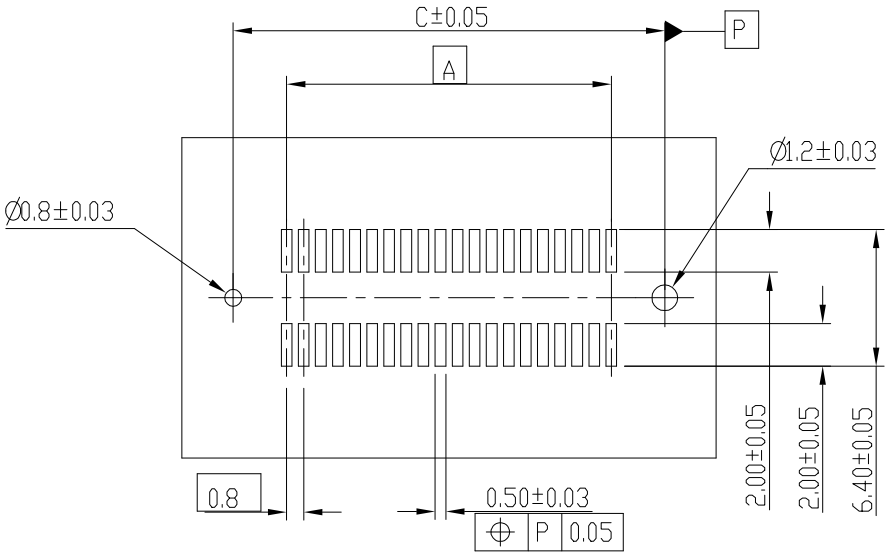
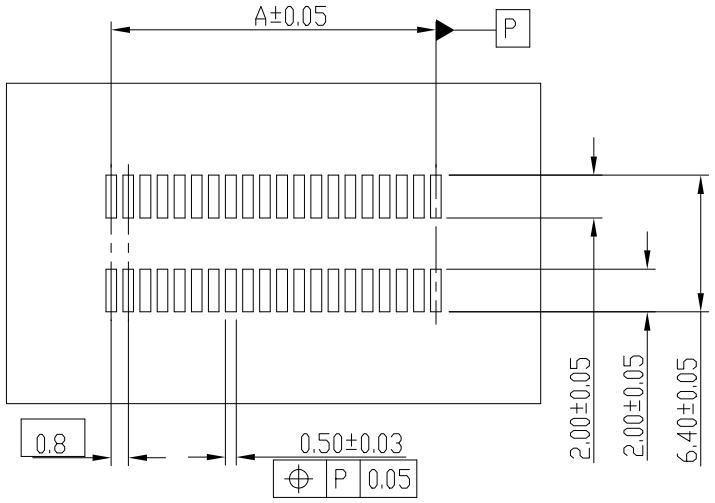
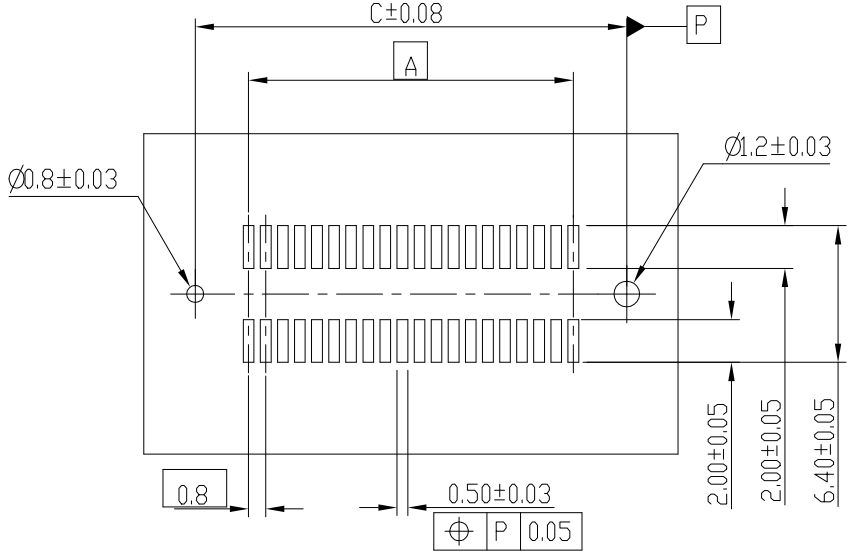
RECEPTACLE 1



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



RECOMMENDED PCB LAYOUT WITHOUT PEGS



RECOMMENDED PCB LAYOUT WITH PEGS
FOR NO. OF POSITION 2X70, 2X80, 2X90, 2X100

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection		product family BERGSTAK HPL545	
ltr	ecn no	dr	date	tolerances unless otherwise specified						title RECEPTACLE ASSY BERGSTAK 0.8MM	
F				angles X°±2°	linear	.0±.2		mm			
						.00±.15					
						.000±.10		scale 1:1			
				dr	M. Cheong	08/25/06				dwg no 10069524	sheet 3 of 6 size A3
				engr	Bob Gu	11/22/18					
				chr	LQ Lei	11/22/18					
				appd	Tim Yao	11/22/18				type Product Customer Drawing	
sheet index	revision	F									
	sheet	1~6									

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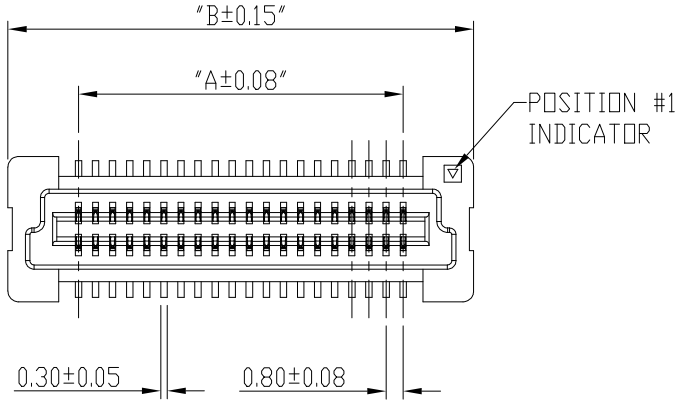
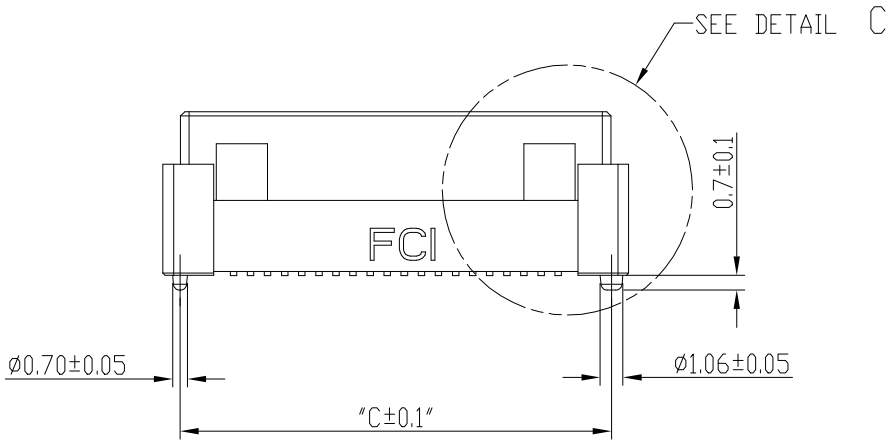
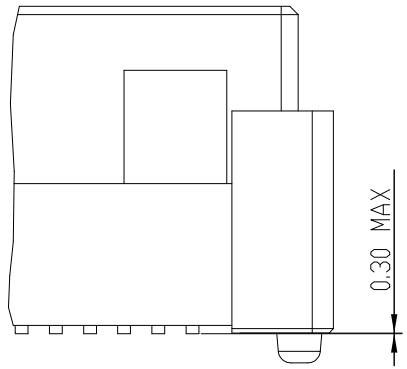
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10069524-042***	2X20	15.2	21.8	20.2
10069524-062***	2X30	23.2	29.8	28.2
10069524-082***	2X40	31.2	37.8	36.2
10069524-102***	2X50	39.2	45.8	44.2
10069524-122***	2X60	47.2	53.8	52.2
10069524-142***	2X70	55.2	61.8	60.2
10069524-162***	2X80	63.2	69.8	68.2
10069524-182***	2X90	71.2	77.8	76.2
10069524-202***	2X100	79.2	85.8	84.2

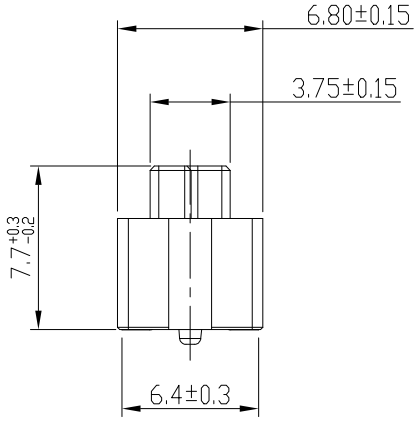






COPLANARITY OF TAIL
0.1 MAX APPLIED TO 2X20 TO 2X100 POS.

DETAIL C
SCALE 8:1



RECEPTACLE 2

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection	product family BERGSTAK HPL545		
ltr	ecn no	dr	date	tolerances unless otherwise specified					title RECEPTACLE ASSY BERGSTAK 0.8MM		
F				angles	linear	.0±.2		mm			
				X°±2°		.00±.15					
						.000±.10		scale 1:1			
				dr	M. Cheong	08/25/06			dwg no 10069524	sheet 4 of 6	size A3
				engr	Bob Gu	11/22/18					
				chr	LQ Lei	11/22/18					
				appd	Tim Yao	11/22/18			type Product Customer Drawing		
sheet index	revision	F									
	sheet	1~6									

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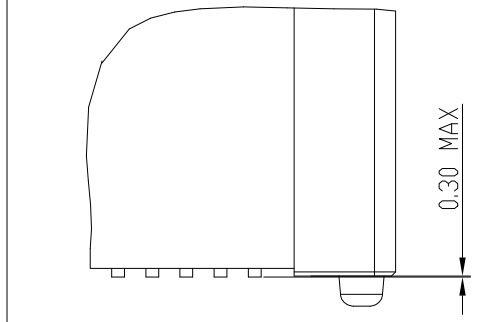
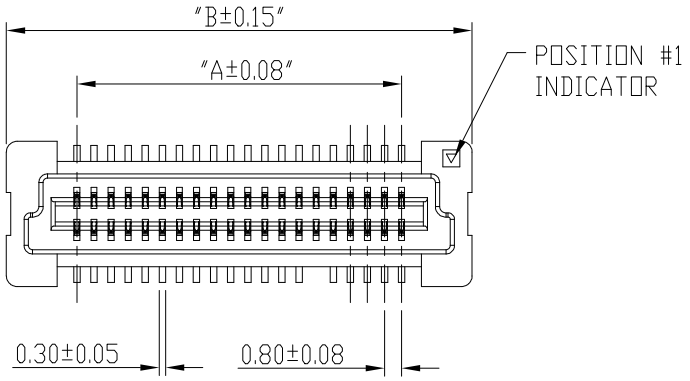
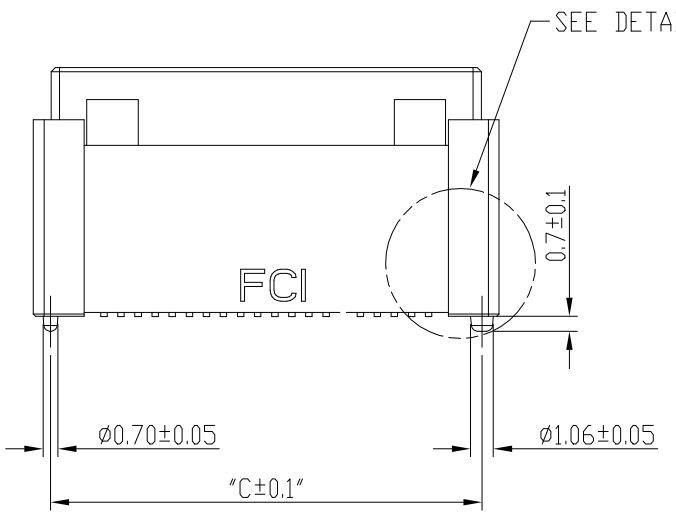
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10069524-043***	2X20	15.2	21.8	20.2
10069524-063***	2X30	23.2	29.8	28.2
10069524-083***	2X40	31.2	37.8	36.2
10069524-103***	2X50	39.2	45.8	44.2
10069524-123***	2X60	47.2	53.8	52.2
10069524-143***	2X70	55.2	61.8	60.2
10069524-163***	2X80	63.2	69.8	68.2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

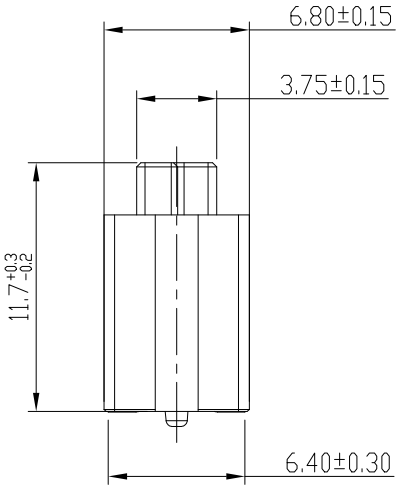


COPLANARITY OF TAIL
0.1 MAX APPLIED TO 2X40 TO 2X100 POS

DETAIL E
SCALE 8:1







RECEPTACLE 3

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO		projection 1101	product family BERGSTAK HPL545		
ltr	ecn no	dr	date	tolerances unless otherwise specified					title RECEPTACLE ASSY BERGSTAK 0.8MM		
F				angles	linear	.0±.2		mm			
				X°±2°		.00±.15					
						.000±.10		scale 1:1			
				dr	M. Cheong	08/25/06			dwg no 10069524	sheet 5 of 6	size A3
				engr	Bob Gu	11/22/18					
				chr	LQ Lei	11/22/18					
				appd	Tim Yao	11/22/18			type Product Customer Drawing		
sheet index	revision	F									
	sheet	1~6									

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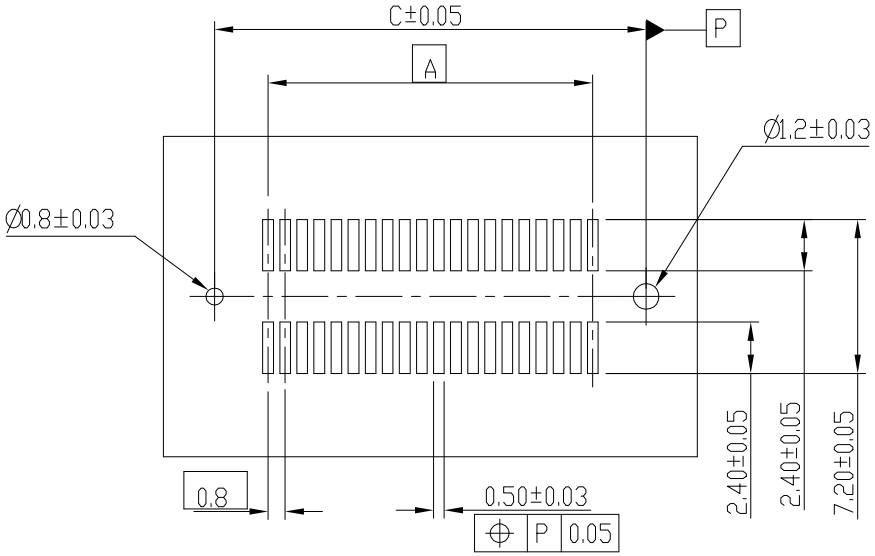
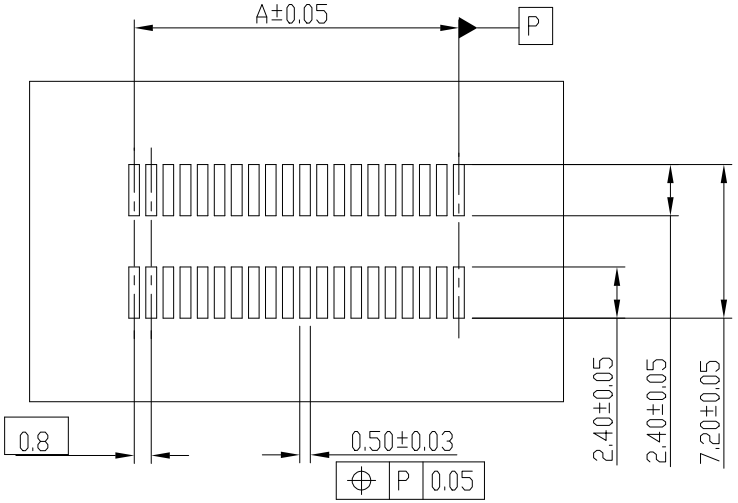
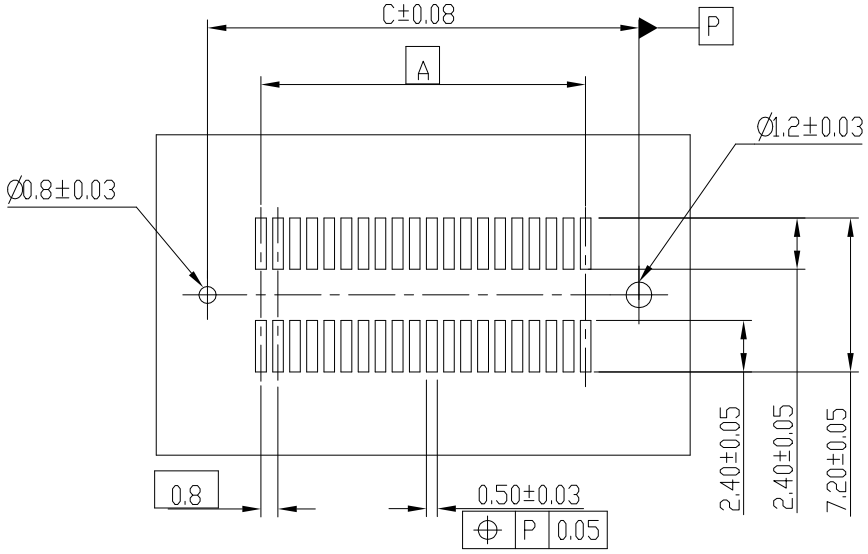
RECEPTACLE 2 & 3



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



RECOMMENDED PCB LAYOUT WITHOUT PEGS AND HOLDDOWN



RECOMMENDED PCB LAYOUT WITH PEGS
FOR NO. OF POSITION 2X70, 2X80, 2X90, 2X100

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection	product family BERGSTAK HPL545		
ltr	ecn no	dr	date	tolerances unless otherwise specified					title RECEPTACLE ASSY BERGSTAK 0.8MM		
F				angles	linear	.0±.2		mm			
				X°±2°		.00±.15					
						.000±.10		scale 1:1			
				dr	M. Cheong	08/25/06			dwg no 10069524	sheet 6 of 6	size A3
				engr	Bob Gu	11/22/18					
				chr	LQ Lei	11/22/18					
				appd	Tim Yao	11/22/18			type Product Customer Drawing		
sheet index	revision	F									
	sheet	1~6									

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LifeElectronics
Живое партнерство

ООО «ЛайфЭлектроникс» **“LifeElectronics” LLC**

ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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Мы предлагаем:

- *Конкурентоспособные цены и скидки постоянным клиентам.*
- *Специальные условия для постоянных клиентов.*
- *Подбор аналогов.*
- *Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.*

- *Приемлемые сроки поставки, возможна ускоренная поставка.*
- *Доставку товара в любую точку России и стран СНГ.*
- *Комплексную поставку.*
- *Работу по проектам и поставку образцов.*
- *Формирование склада под заказчика.*

- *Сертификаты соответствия на поставляемую продукцию (по желанию клиента).*
- *Тестирование поставляемой продукции.*
- *Поставку компонентов, требующих военную и космическую приемку.*
- *Входной контроль качества.*
- *Наличие сертификата ISO.*

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- *Регистрацию проекта у производителя компонентов.*
- *Техническую поддержку проекта.*
- *Защиту от снятия компонента с производства.*
- *Оценку стоимости проекта по компонентам.*
- *Изготовление тестовой платы монтаж и пусконаладочные работы.*

Тел: +7 (812) 336 43 04 (многоканальный)
Email: org@lifeelectronics.ru

www.lifeelectronics.ru