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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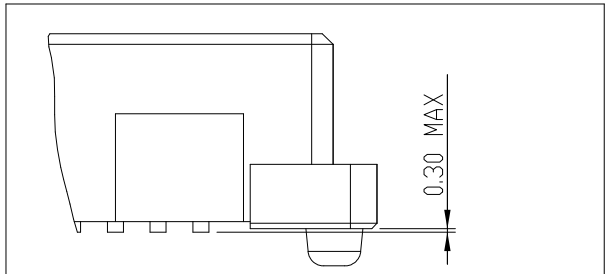
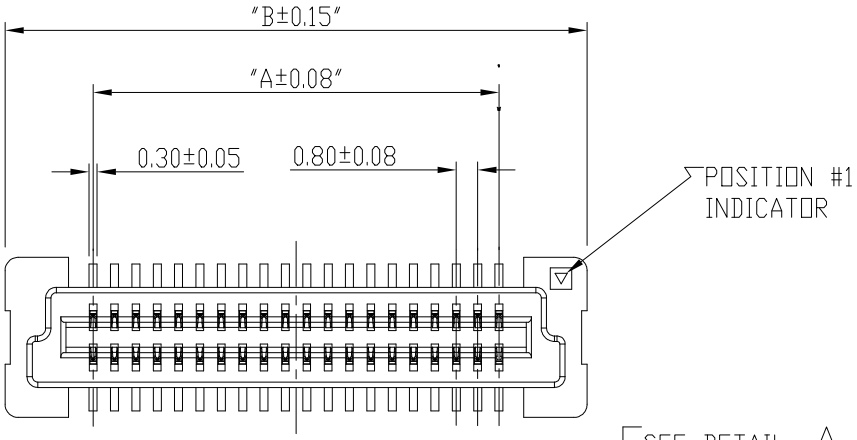
PDS: Rev :F STATUS: Released Printed: Nov 30, 2018

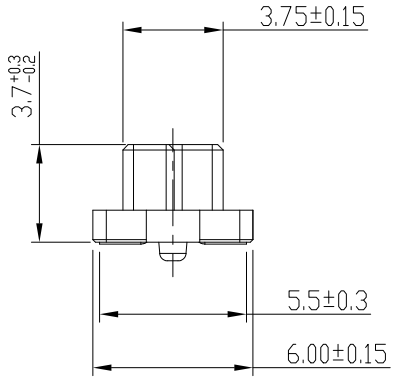
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10069524-041***	2X20	15.2	21.8	20.2
10069524-061***	2X30	23.2	29.8	28.2
10069524-081***	2X40	31.2	37.8	36.2
10069524-101***	2X50	39.2	45.8	44.2
10069524-121***	2X60	47.2	53.8	52.2
10069524-141***	2X70	55.2	61.8	60.2
10069524-161***	2X80	63.2	69.8	68.2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

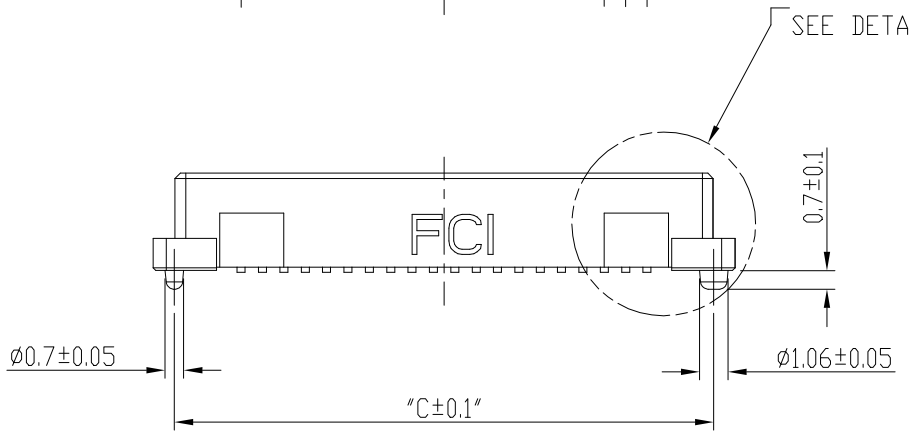


COPLANARITY OF TAIL:
0.1 MAX. APPLIED TO 2X20 TO 2X100 POS.

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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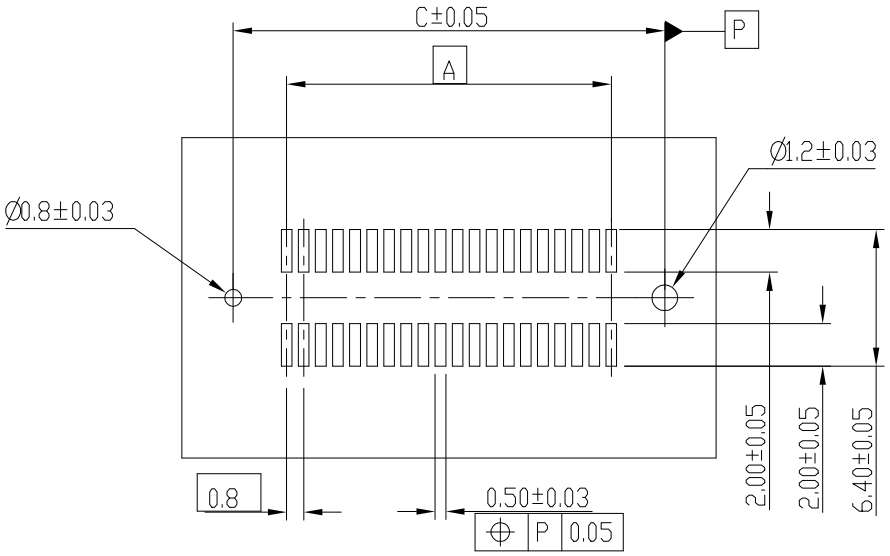
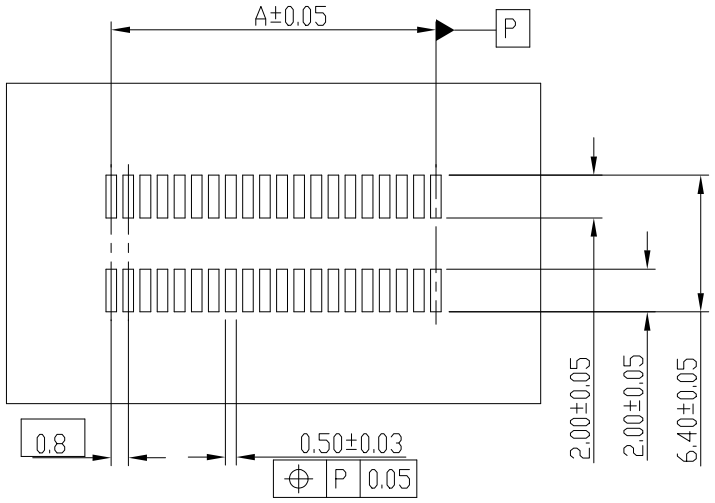
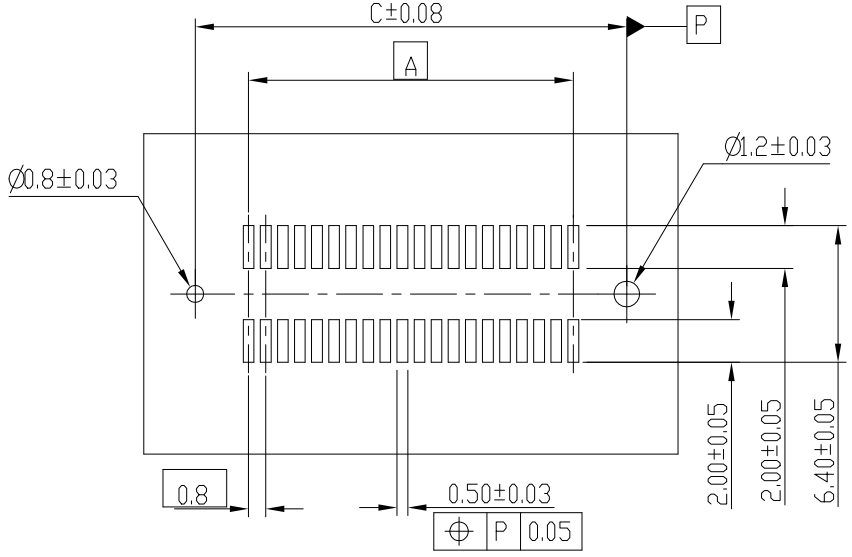
RECEPTACLE 1



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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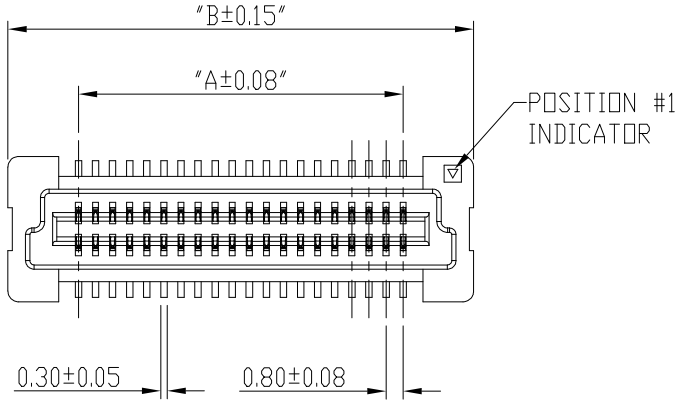
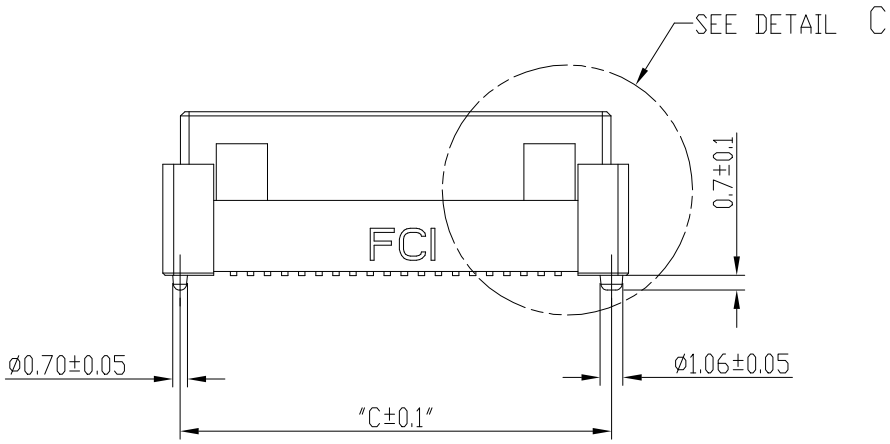
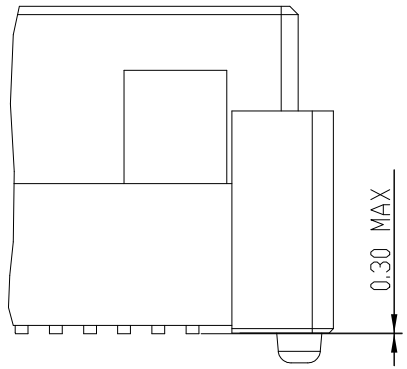
PDS: Rev :F STATUS: Released Printed: Nov 30, 2018

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

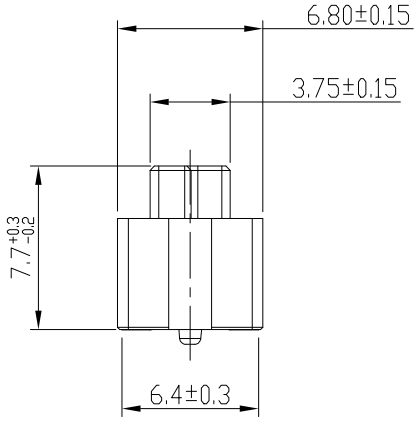






COPLANARITY OF TAIL
0.1 MAX APPLIED TO 2X20 TO 2X100 POS.

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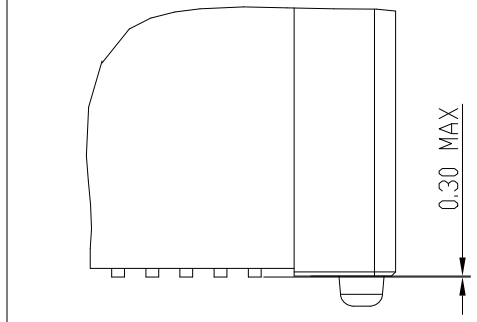
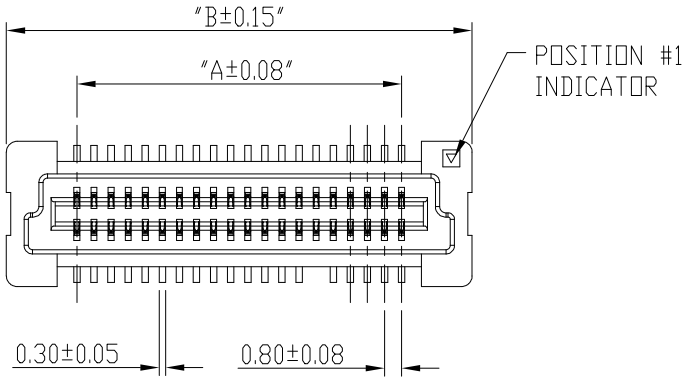
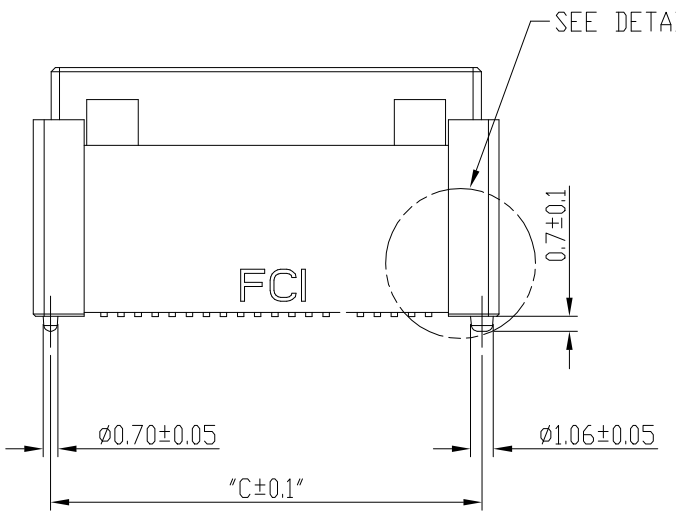
PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10069524-043***	2X20	15.2	21.8	20.2
10069524-063***	2X30	23.2	29.8	28.2
10069524-083***	2X40	31.2	37.8	36.2
10069524-103***	2X50	39.2	45.8	44.2
10069524-123***	2X60	47.2	53.8	52.2
10069524-143***	2X70	55.2	61.8	60.2
10069524-163***	2X80	63.2	69.8	68.2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

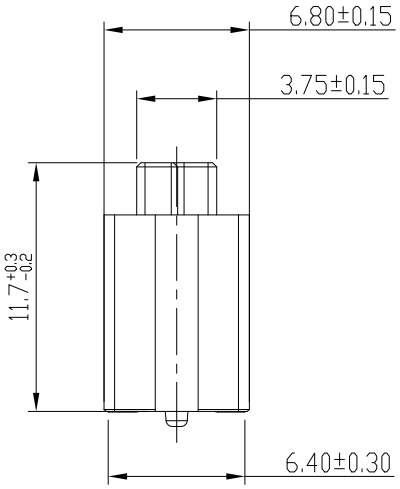


COPLANARITY OF TAIL
0.1 MAX APPLIED TO 2X40 TO 2X100 POS

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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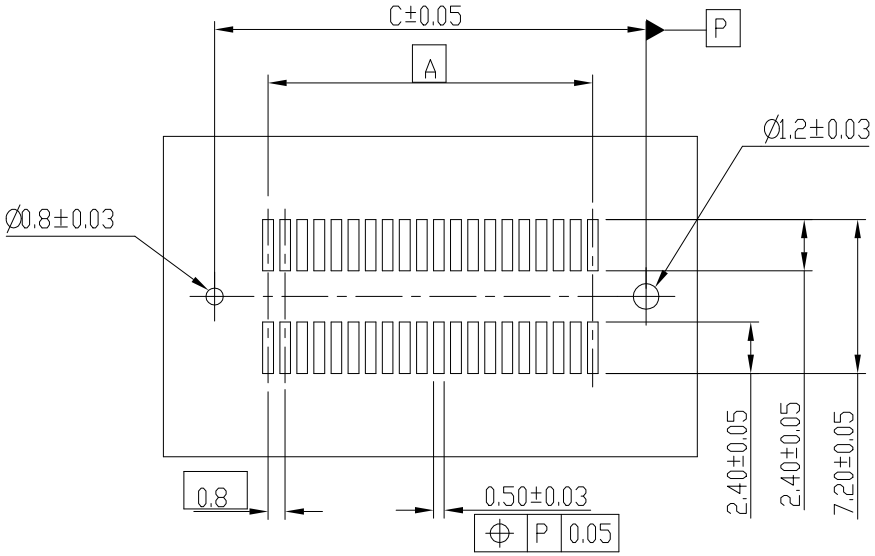
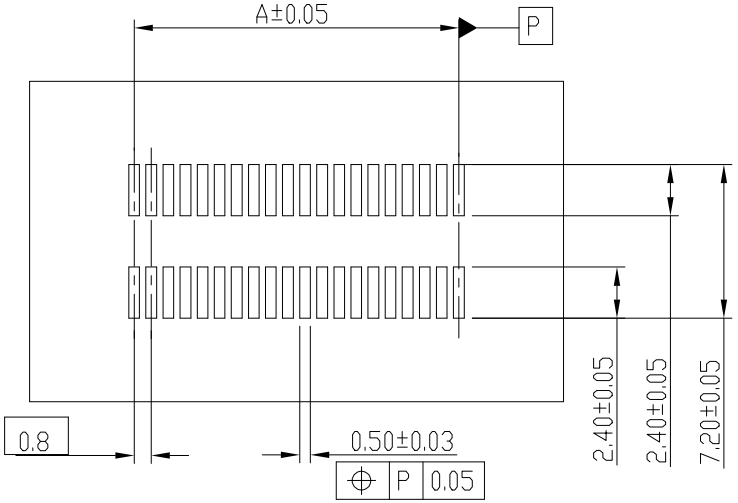
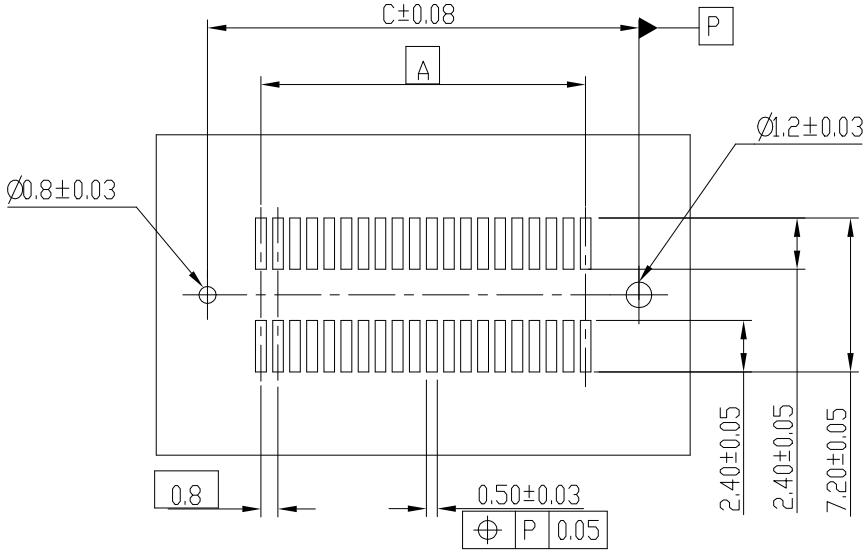
RECEPTACLE 2 & 3



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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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