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D

10069525-AA B C D E G FF

AA	NO. OF POSITIONS
04	2X20
06	2X30
08	2X40
10	2X50
12	2X60
14	2X70
16	2X80
18	2X90
20	2X100

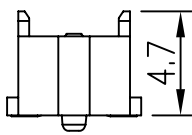
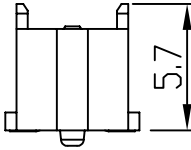
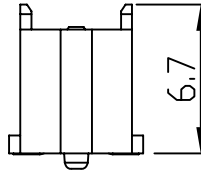
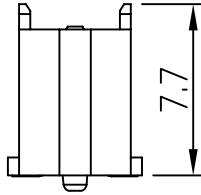
D	PEG
0	YES
2	NO

G	MANDATORY CODE
/	STANDARD, NOT PRINT DATE CODE
P	PRINT DATE CODE
H	STANDARD, FOR DEDICATED CUSTOMER

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

NOTE 10

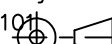
NOTE 10

B			
1	2	3	4
			
FOR COMBINATION OF MATED HEIGHT, SEE DWG. NO. 61082			

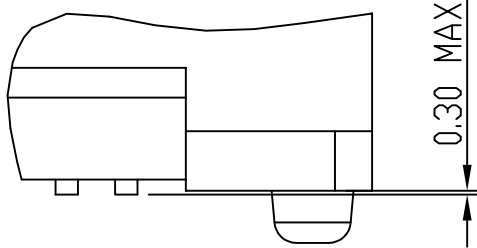
NOTE:

- MATERIAL:
HOUSING: G.F. LCP, NATURAL, UL94-V0
TERMINAL: BRASS
- PLATING: AS SHOWN IN TABLE.
- SEE GS-12-148 FOR PRODUCT SPEC.
- SEE GS-14-551 AND GS-14-816 FOR PACKING SPECIFICATION.
- PACKAGING OPTION 2: NOT ALL SIZES ARE AVAILABLE. CHECK WITH FACTORY.
- THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE UP TO 260°C PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- PLATING OPTION "4" IS LEADFREE ALTERNATIVE FOR OPTION "0", AND OPTION "6" IS LEADFREE ALTERNATIVE FOR OPTION "1".
- THIS PARTNUMBER IS ONLY CATER FOR SPECIAL CUSTOMER, REQUIREMENTS OF COPLANARITY OF 0.1 FOR ALLPOSITION.
- A△SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH WHICH HAS BEEN MODIFUED WITH CURRENT DRAWING REVISION.

C	PLATING	FF
0	GOLD 0.2um MIN. ON CONTACT AREA ; TIN LEAD 2.5um MIN ON SOLDER TAIL NICKEL UNDERPLATE OVERALL 1.27um MIN	NONE
1	GOLD FLASH (0.065um MIN) OVER PALLADIUM-NICKEL 0.69um MIN ON CONTACT AREA ; TIN LEAD 2.5um MIN ON SOLDER TAIL NICKEL UNDERPLATE OVERALL 1.27um.	NONE
4	GOLD 0.2um MIN ON CONTACT AREA ; PURE MATT TIN 2.5um MIN ON SOLDER TAIL; NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF
5	GOLD 0.38um MIN ON CONTACT AREA ; MATT PURE TIN 2.5um MIN ON SOLDER TAIL; NICKEL UNDERPLATE OVERALL 1.27um MIN (LEADFREE PLATING)	LF
6	GOLD FLASH (0.065um MIN) OVER PALLADIUM-NICKEL 0.69um MIN ON CONTACT AREA ; PURE MATT TIN 2.5um MIN ON SOLDER TAIL NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF

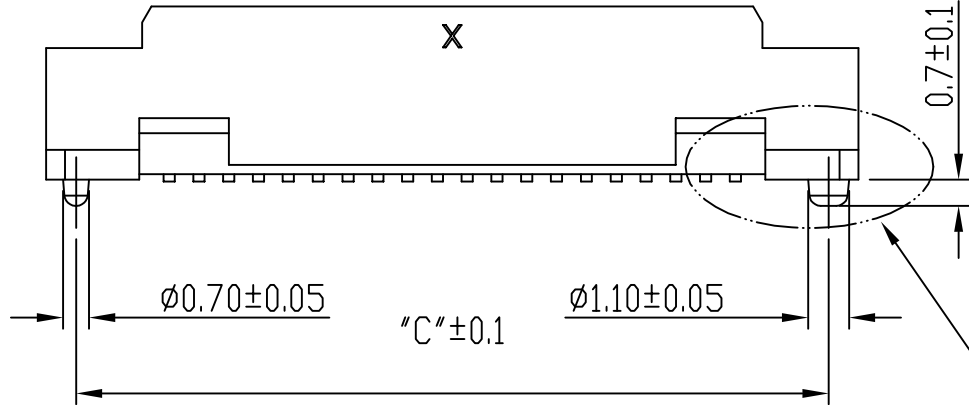
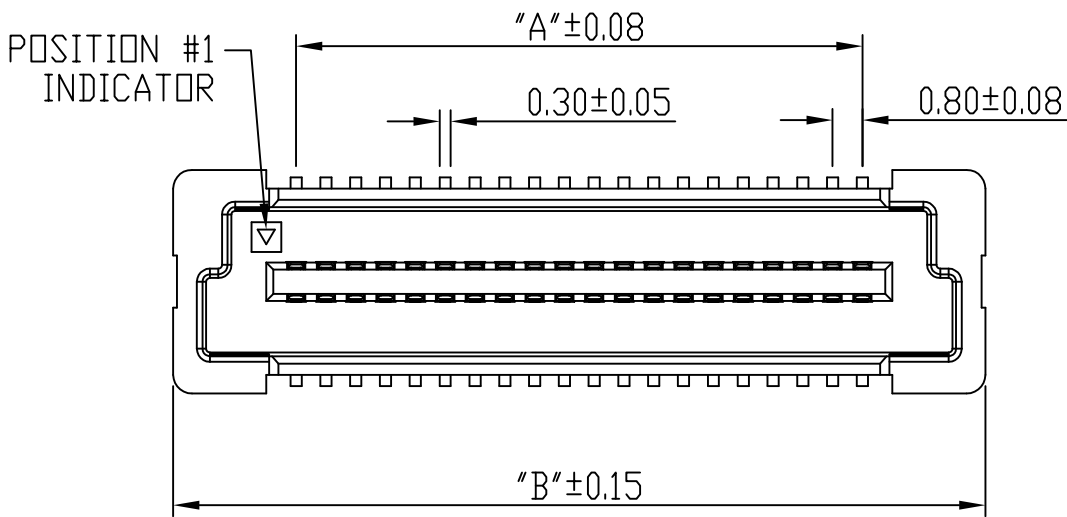
mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO		projection 1101 		product family BERGSTAK HPL545										
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm 		title PLUG ASSY BERGSTAK 0.8MM										
A	S06-0286	MCH	2016-08-25	angles linear																
B	S06-0316	MCH	2006-09-25		.0±.2															
C	S09-0216	MCH	2009-06-26		0°±3'				scale 1:1											
D	S10-0069	MCH	2010-03-26	dr	GuoMin Sun		2014-10-21				dwg no						sheet 1 of 6		size	
E	ELX-N-26381	Bob	2018-11-22	eng	Bob Gu		2021-07-30				10069525						A3			
F	ELX-N-41877	Bob	2021-07-30	chr	LQ Lei		2021-07-30													
				appd	Tim Yao		2021-07-30				type Product Customer Drawing									
sheet		revision		A	B	C	D	E	F											
index		sheet		1~6	1~6	1~6	1~6	1~6	1~6											

PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10069525-041***	2X20	15.2	21.8	20.2
10069525-061***	2X30	23.2	29.8	28.2
10069525-081***	2X40	31.2	37.8	36.2
10069525-101***	2X50	39.2	45.8	44.2
10069525-121***	2X60	47.2	53.8	52.2
10069525-141***	2X70	55.2	61.8	60.2
10069525-161***	2X80	63.2	69.8	68.2
10069525-181***	2X90	71.2	77.8	76.2
10069525-201***	2X100	79.2	85.8	84.2

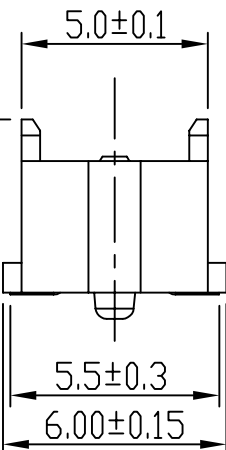


COPLANARITY OF TAIL:
0.10 MAX. APPLIED TO 2X10 TO 2X100 POS

DETAIL A
SCALE 10:1



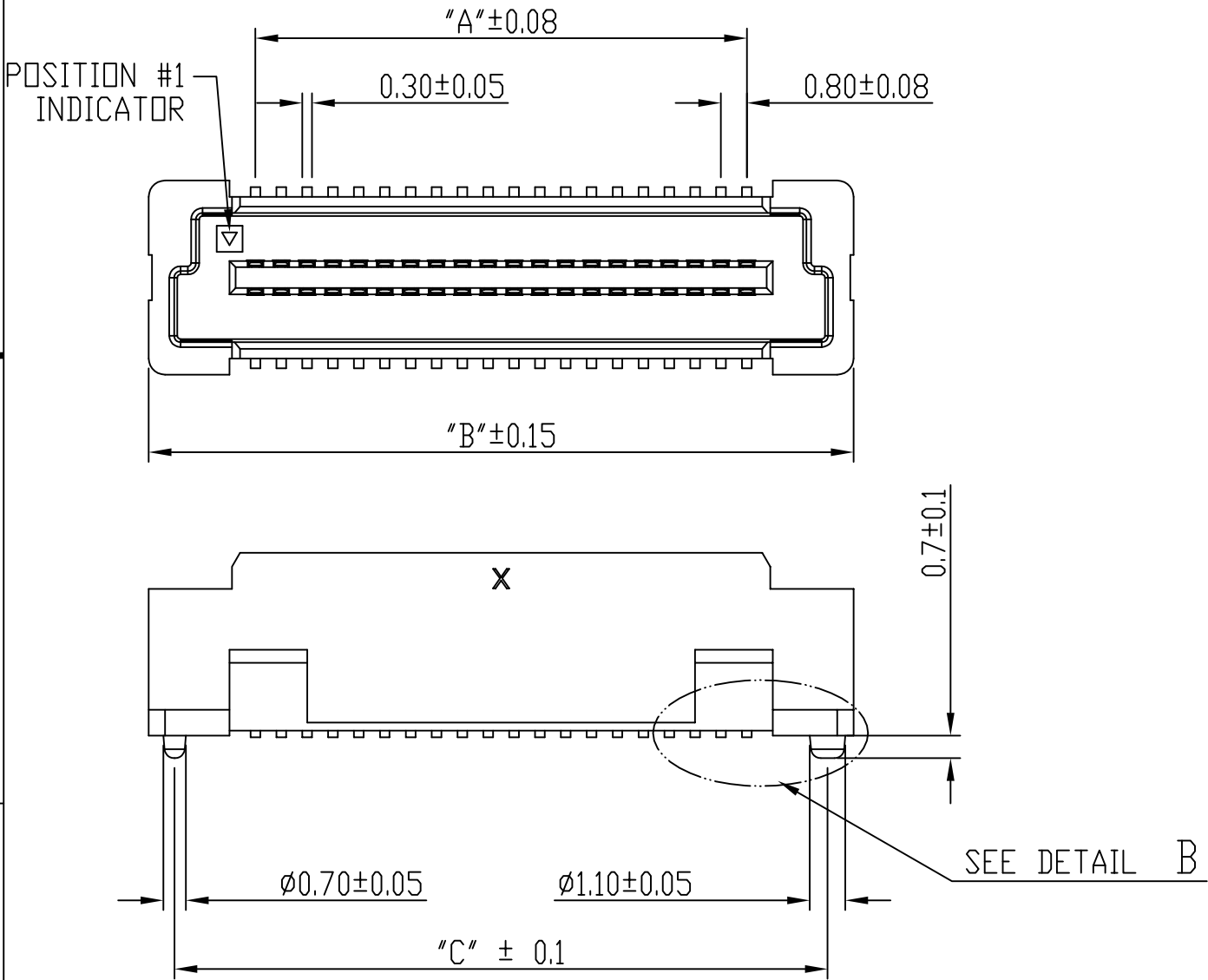
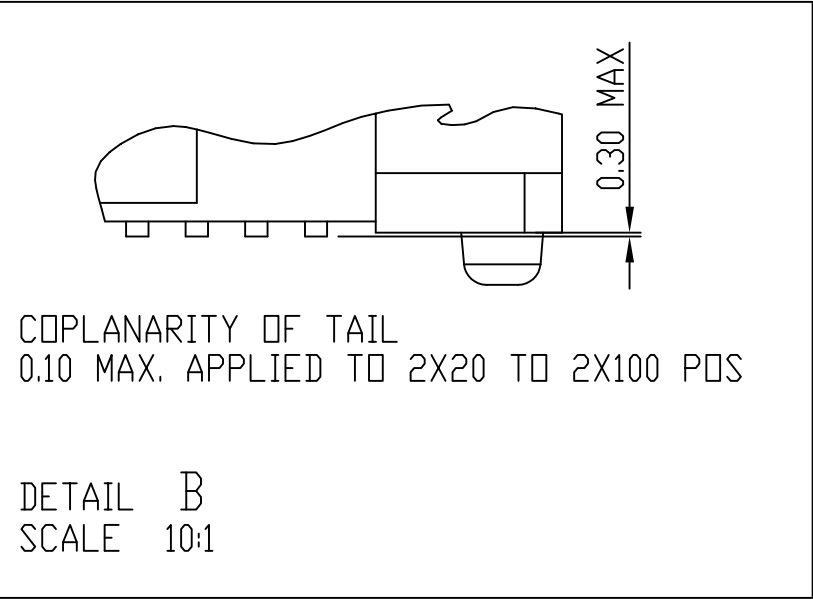
SEE DETAIL A



PLUG 1

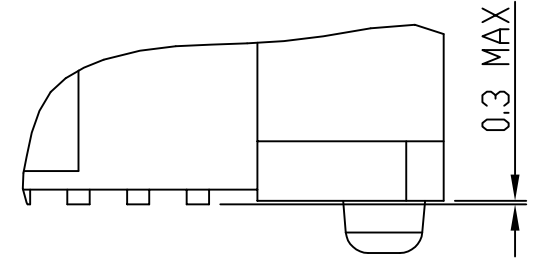
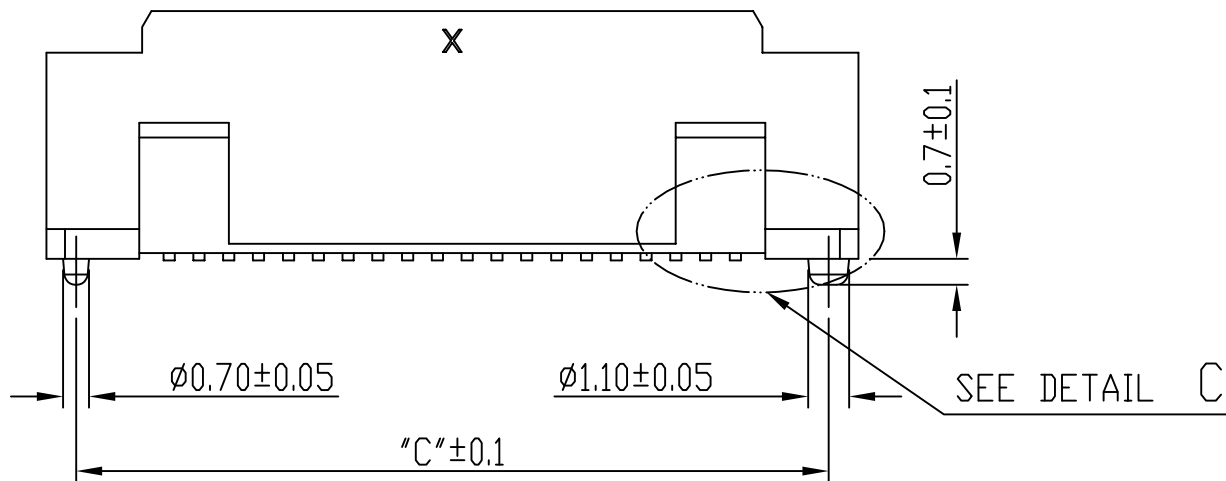
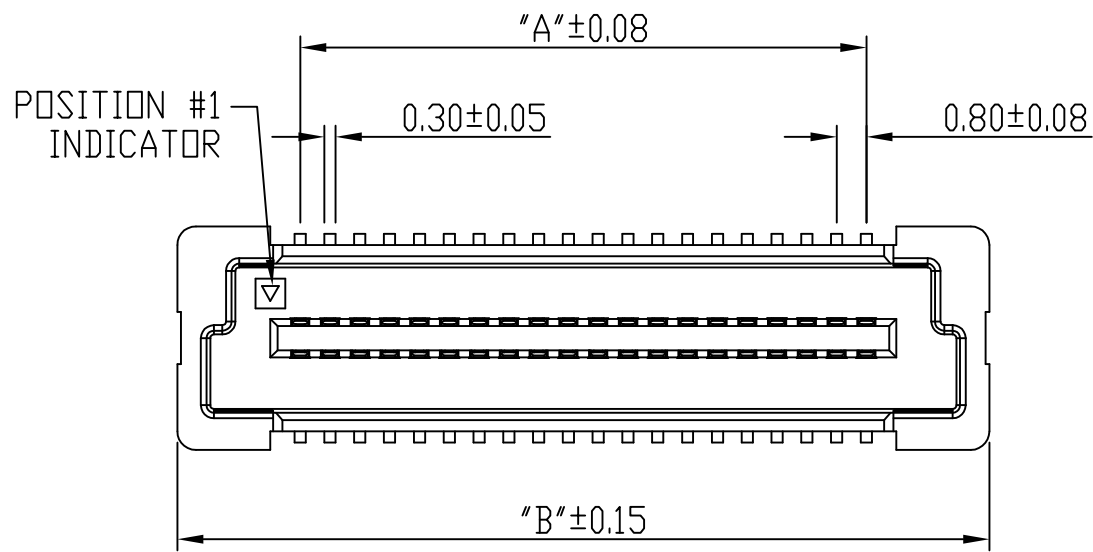
mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTAK HPL545											
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm 		title PLUG ASSY BERGSTAK 0.8MM											
F				angles		linear															
				0°±3°				scale 1:1													
				dr	GuoMin Sun		2014-10-21				dwg no				sheet2 of 6				size		
				engr	Bob Gu		2021-07-30				10069525				A3						
				chr	LQ Lei		2021-07-30														
				appd	Tim Yao		2021-07-30														
sheet index		revision		F								type Product Customer Drawing									
		sheet		1~6																	

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



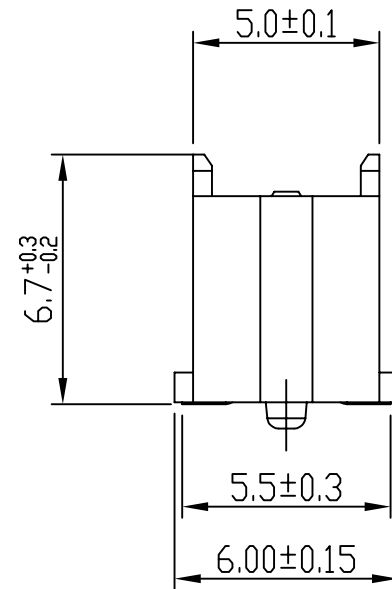
mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTAK HPL545												
ltr	ecn no		dr	date		tolerances unless otherwise specified				title												
F						angles		linear		.0±.2		 mm		PLUG ASSY BERGSTAK 0.8MM								
										.00±.15												
						0°±3°				.000±.10		scale 1:1										
						dr	GuoMin Sun		2014-07-14						dwg no		sheet3 of 6				size	
						engr	Bob Gu		2021-07-30						10069525				A3			
						chr	LQ Lei		2021-07-30													
						appd	Tim Yao		2021-07-30													
sheet index		revision		F																		
		sheet		1~6																		

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



COPLANARITY OF TAIL:
0.10 MAX. APPLIED TO 2X10 TO 2X100 POS

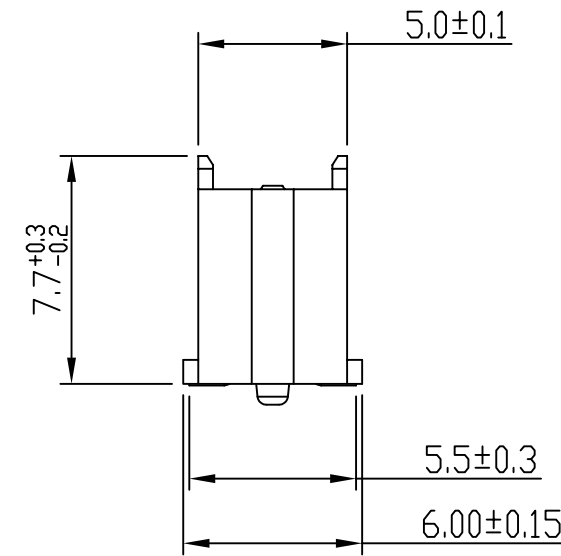
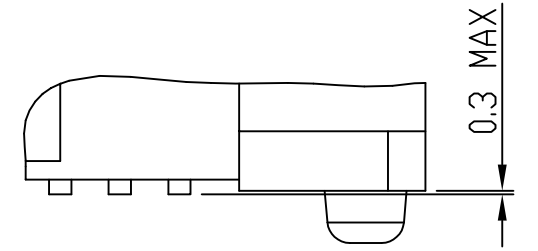
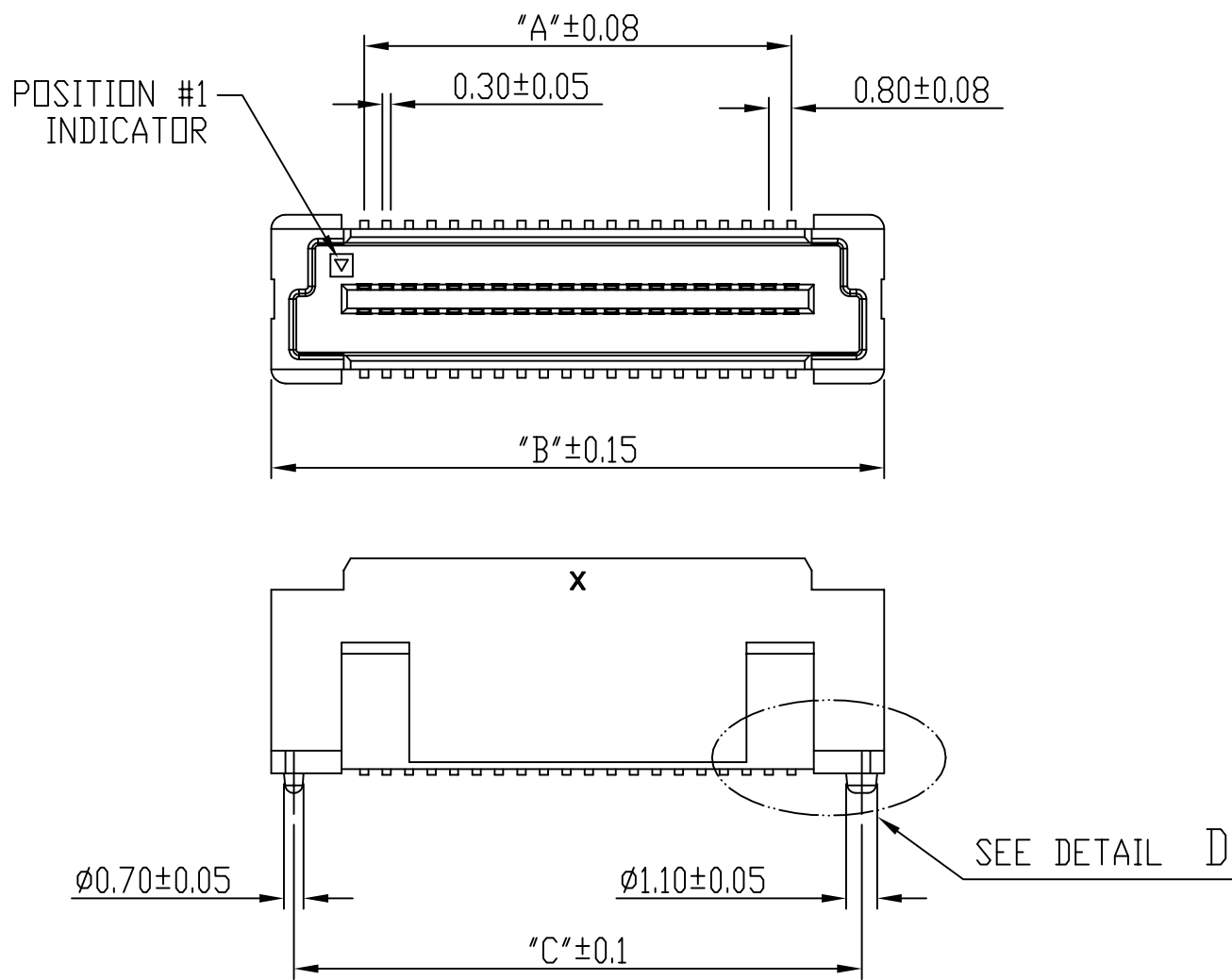
DETAIL C
SCALE 10:1



PLUG 3

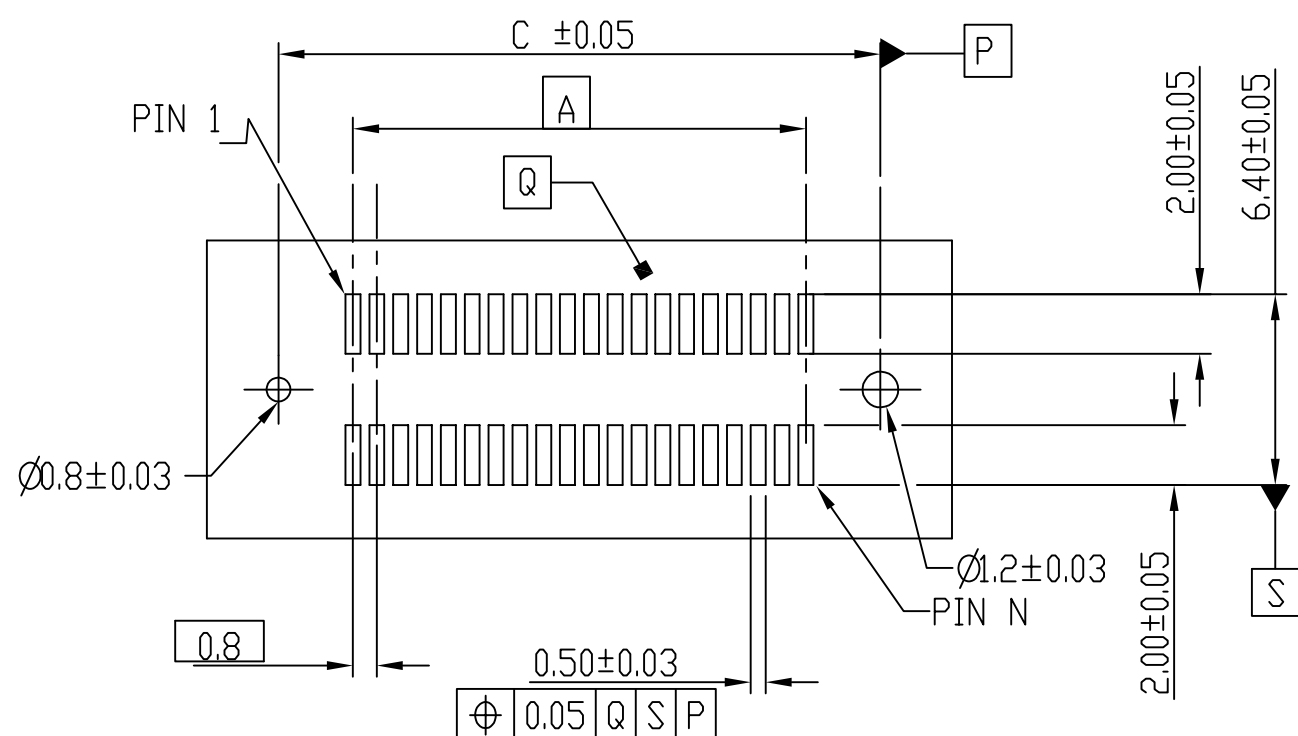
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ltr	ecn	no	dr	date	tolerances unless otherwise specified	mm	title PLUG ASSY BERGSTAK 0.8MM			
F					angles linear	mm				
					0°±3'	scale 1:1				
					dr	GuoMin Sun	2014-07-14	dwg no		sheet 4 of 6
					engr	Bob Gu	2021-07-30	10069525		A3
					chr	LQ Lei	2021-07-30			
					appd	Tim Yao	2021-07-30	type		Product Customer Drawing
sheet index	revision	F								
	sheet	1~6								

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

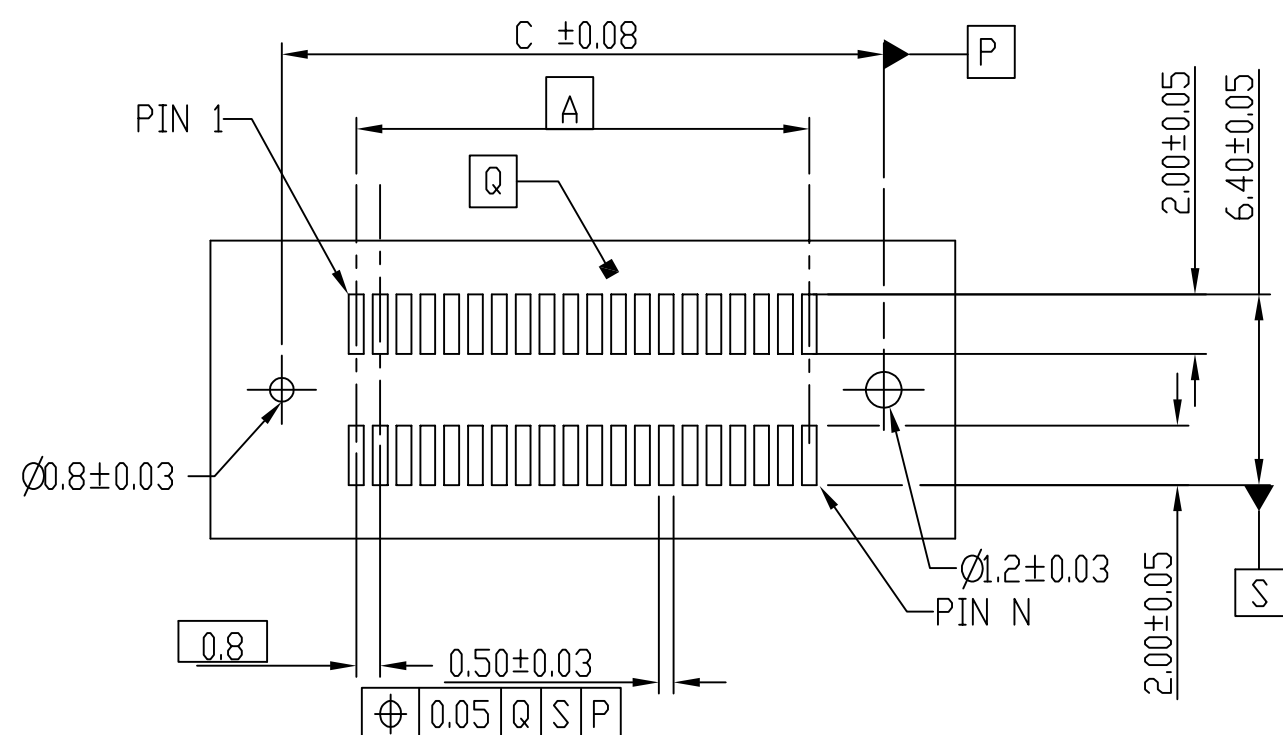


PLUG 4

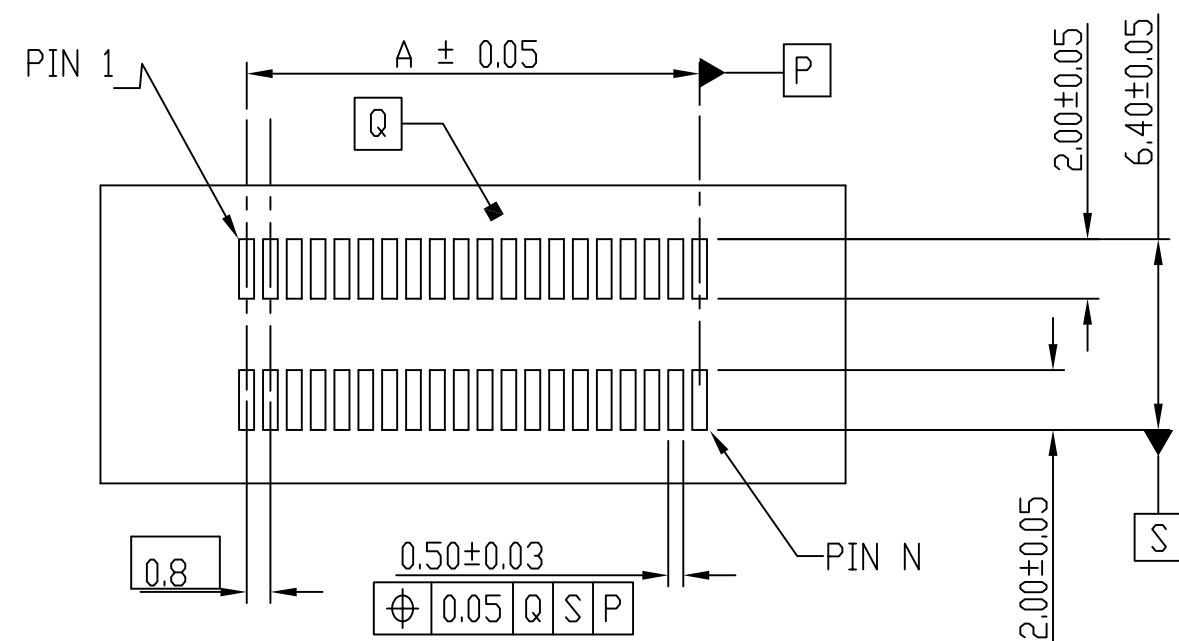
mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 1101	product family BERGSTAK HPL545			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm scale 1:1	title PLUG ASSY BERGSTAK 0.8MM			
F				angles	.0±.2					
				linear	.00±.15					
				0°±3°	.000±.10					
				dr	GuoMin Sun	2014-07-14	dwg no		sheet5 of 6	size
				engr	Bob Gu	2021-07-30	10069525			A3
				chr	LQ Lei	2021-07-30				
				appd	Tim Yao	2021-07-30	type Product Customer Drawing			
sheet index	revision sheet	F	1~6							



RECOMMENDED PCB LAYOUT WITH PEG FOR
NO. OF POS 2X10, 2X20, 2X30, 2X40, 2X50 2X60



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



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

[illegible]