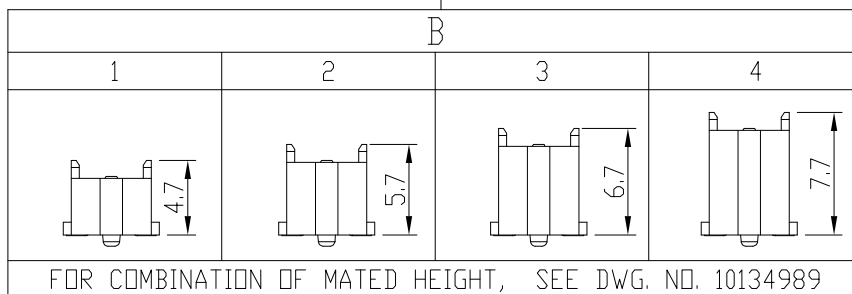


10134990-AA B C D E G FF

AA	NO. OF POSITIONS
02	2X10
04	2X20
06	2X30
08	2X40
10	2X50
12	2X60
14	2X70
16	2X80
18	2X90
20	2X100

NOTE 10



G	DATE CODE
/	NOT PRINT DATE CODE
P	PRINT DATE CODE

E	PACKAGING
0	TUBE WITHOUT METAL CAP
2	T&R WITH METAL CAP
Q	T&R WITHOUTL CAP
W	T&R WITH METAL CAP (FOR OCEAN SHIPPING)
9	TUBE WITH METAL CAP
6	T&R WITH KAPTON TAPE
7	T&R WITH PLASTIC CAP

NOTE 10

NOTE 10

NOTE 10

NOTE 11

NOTE 10

D	PEGS
0	YES
2	NO

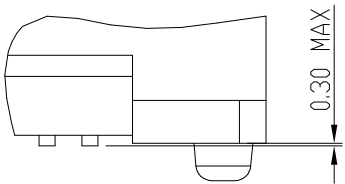
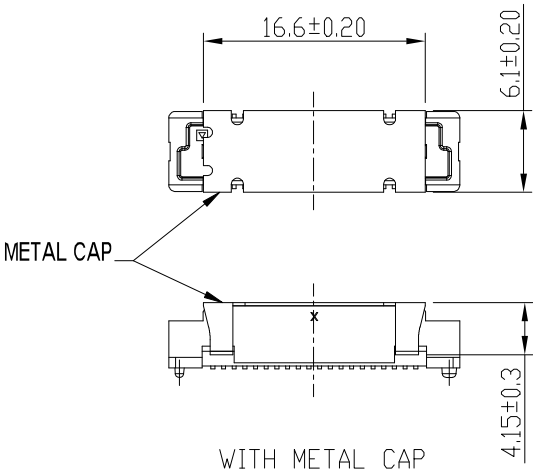
C	PLATING: CONTACT AREA / SOLDER TAIL AREA	FF
0	GOLD 0.2um MIN. / TIN LEAD 2.5um MIN NICKEL UNDERPLATE OVERALL 1.27um MIN	NONE
1	GOLD FLASH (0.1um MIN) OVER PALLADIUM-NICKEL 0.76um MIN / TIN LEAD 2.5um MIN NICKEL UNDERPLATE OVERALL 1.27um.	NONE
4	GOLD 0.2um MIN / PURE MATT TIN 2.5um MIN NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF
5	GOLD 0.38um MIN / MATT PURE TIN 2.5um MIN NICKEL UNDERPLATE OVERALL 1.27um MIN (LEADFREE PLATING)	LF
6	GOLD FLASH (0.1um MIN) OVER PALLADIUM-NICKEL 0.76um MIN / PURE MATT TIN 2.5um MIN NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF
9	GOLD 0.2um MIN / GOLD 0.05um MIN NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF

NOTE:

- MATERIAL:
HOUSING: G.F. LCP, UL94-V0
TERMINAL: BRASS
METAL CAP: STAINLESS STEEL
- PLATING: AS SHOWN IN TABLE.
- SEE GS-12-1325 FOR PRODUCT SPEC.
- 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~ 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".
- HIGH PRECISION COPLANARITY IS AVAILABLE FOR 2X80 TO 2X100 POS, ALL HEIGHTS. PLS REFER TO PRINT 10069525.
- THE P/N 10134990-***** OR 10134990-*****LF NOT PRINT DATE CODE.
THE P/N 10134990-*****P OR 10134990-*****PLF NEED PRINT DATE CODE.
- POSITION 2X10 TYPE ONLY APPLY TO PLUG 1.
PACKAGING WITH METAL CAP AND PLASTIC CAP DOES NOT APPLY TO 2X10 POSITION.
- KAPTON TAPE ONLY APPLY TO POSITION 2X10~2X20.
- PIN SOLDER TAIL OVERLAPPING NEED 50% MIN.
- DIMENSIONS NEED TO MEASURE BY QC

mat'l. code				surface	tolerance	projection	product family			
				ISO 1302	ISO 406	ISO 1101	BERGSTAK HPL545			
ltr	ecn no	dr	date	tolerances	unless otherwise	specified	title			
A		Jim	2014-10-21	angles	.0±.2		PLUG ASSY			
B	ELX-N-33922	Bob	2019-07-03	linear	.00±.15	mm	BERGSTAK 0.8MM			
C	ELX-N-34381	Bob	2019-07-31	0'±3'	.000±.10	scale 1:1	dwg no			
				dr	Jim Meng	2014-10-21	sheet 1 of 6			
				engr	Bob Gu	2019-07-31	size			
				chr	LQ Lei	2019-07-31	10134990			
				appd	Tim Yao	2019-07-31	type Product Customer Drawing			
sheet index	revision	A	B	C						
	sheet	1~6	1	1						

PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10134990-021***	2X10	7.2	13.8	12.2
10134990-041***	2X20	15.2	21.8	20.2
10134990-061***	2X30	23.2	29.8	28.2
10134990-081***	2X40	31.2	37.8	36.2
10134990-101***	2X50	39.2	45.8	44.2
10134990-121***	2X60	47.2	53.8	52.2
10134990-141***	2X70	55.2	61.8	60.2
10134990-161***	2X80	63.2	69.8	68.2
10134990-181***	2X90	71.2	77.8	76.2
10134990-201***	2X100	79.2	85.8	84.2

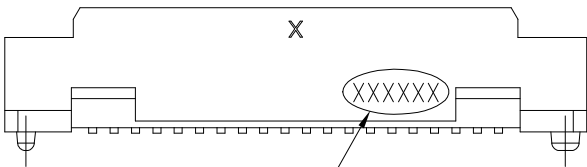


COPLANARITY OF TAIL:
0.10 MAX. APPLIED TO 2X20 TO 2X70 PDS
0.13 MAX. APPLIED TO 2X80 TO 2X100 PDS

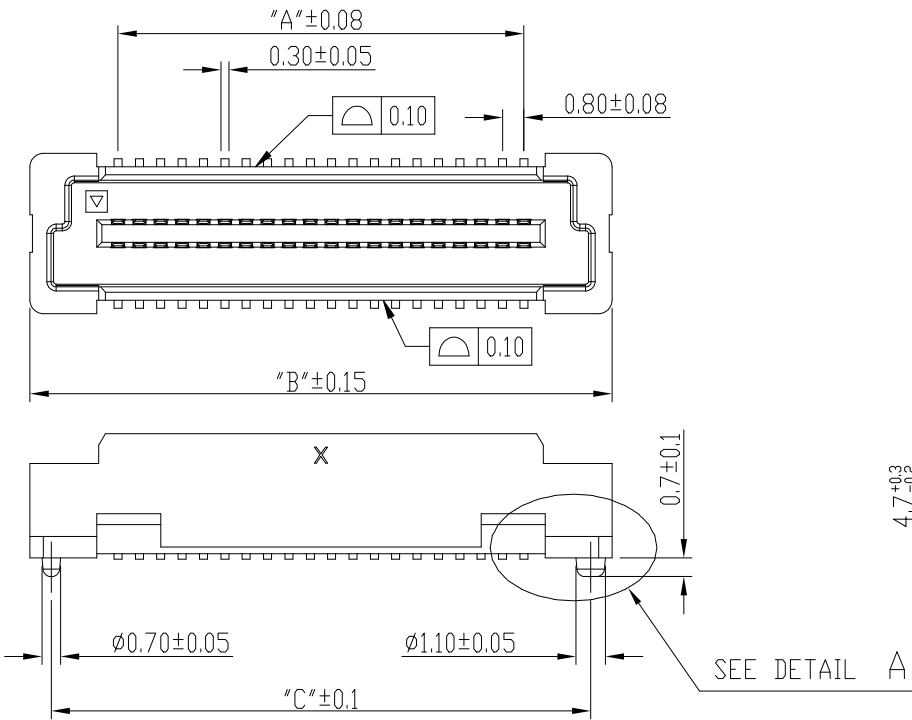
DETAIL A
SCALE 10:1

DATE CODE: XXXXXX
DAY<01~31>
MONTH<01~12>
YEAR<00~99>

DETAIL AA

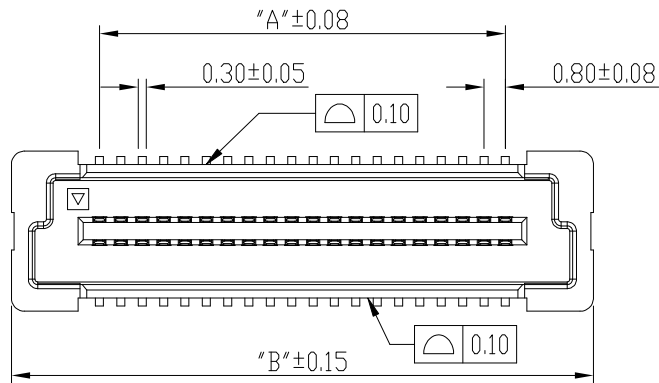
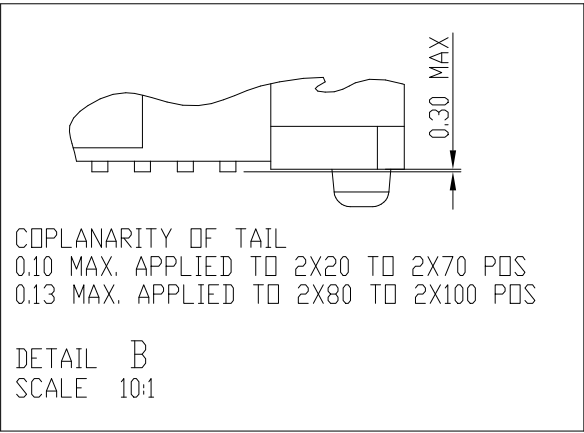
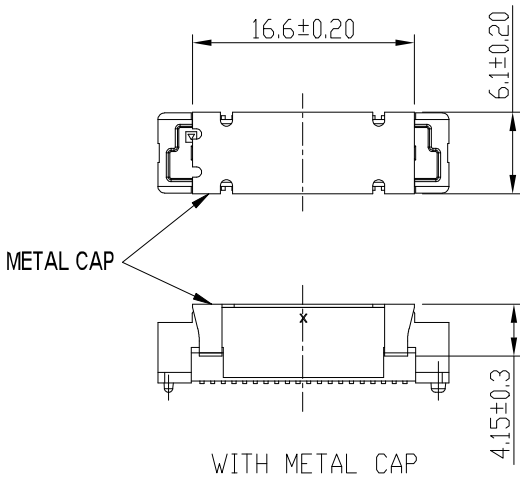


PLUG 1



mat'l. code				surface	tolerance	projection	product family			
				ISO 1302	ISO 406	ISO 1101	BERGSTAK HPL545			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title			
c				angles	linear	linear	PLUG ASSY			
				0°±3'		scale 1:1	BERGSTAK 0.8MM			
				dr	Jim Meng	2014-10-21	Amphenol FCI	dwg no		sheet2 of 6
				engr	Bob Gu	2019-07-31		10134990		A3
				chr	LQ Lei	2019-07-31		type		Product Customer Drawing
				appd	Tim Yao	2019-07-31				
sheet index	revision	c								
	sheet	1								

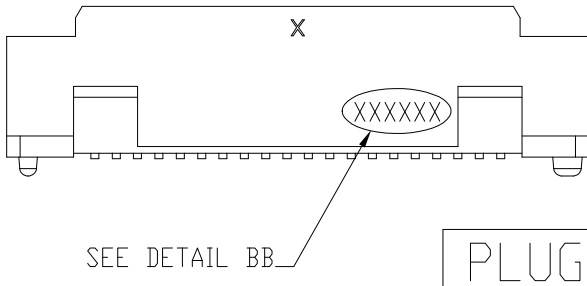
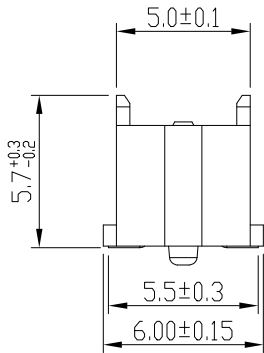
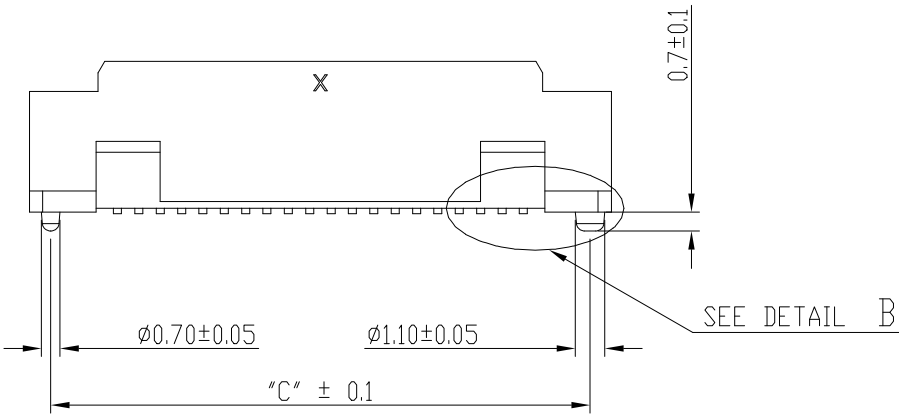
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10134990-042***	2X20	15.2	21.8	20.2
10134990-062***	2X30	23.2	29.8	28.2
10134990-082***	2X40	31.2	37.8	36.2
10134990-102***	2X50	39.2	45.8	44.2
10134990-122***	2X60	47.2	53.8	52.2
10134990-142***	2X70	55.2	61.8	60.2
10134990-162***	2X80	63.2	69.8	68.2
10134990-182***	2X90	71.2	77.8	76.2
10134990-202***	2X100	79.2	85.8	84.2



DATE CODE: XXXXXX

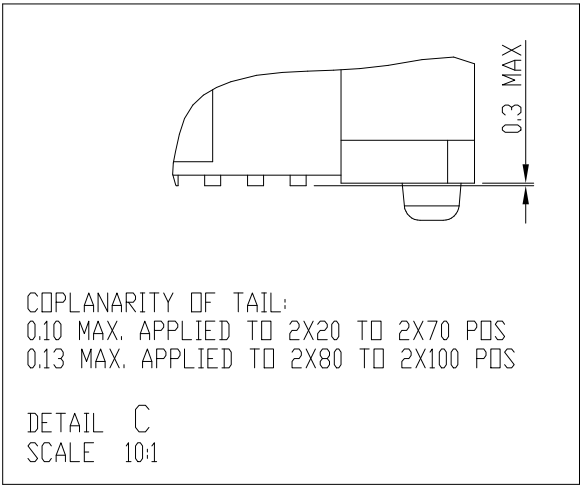
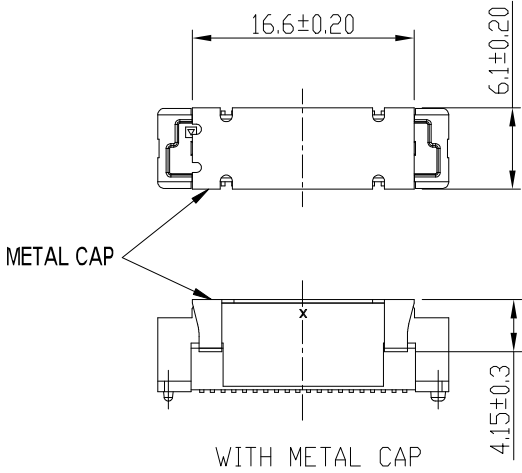
DAY<01~31>
MONTH<01~12>
YEAR<00~99>

DETAIL BB



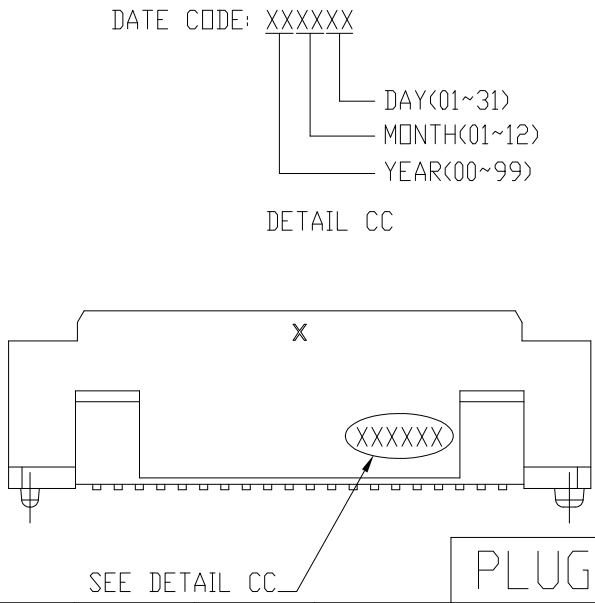
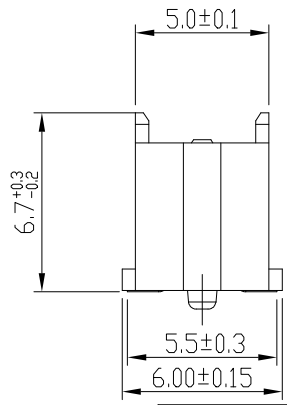
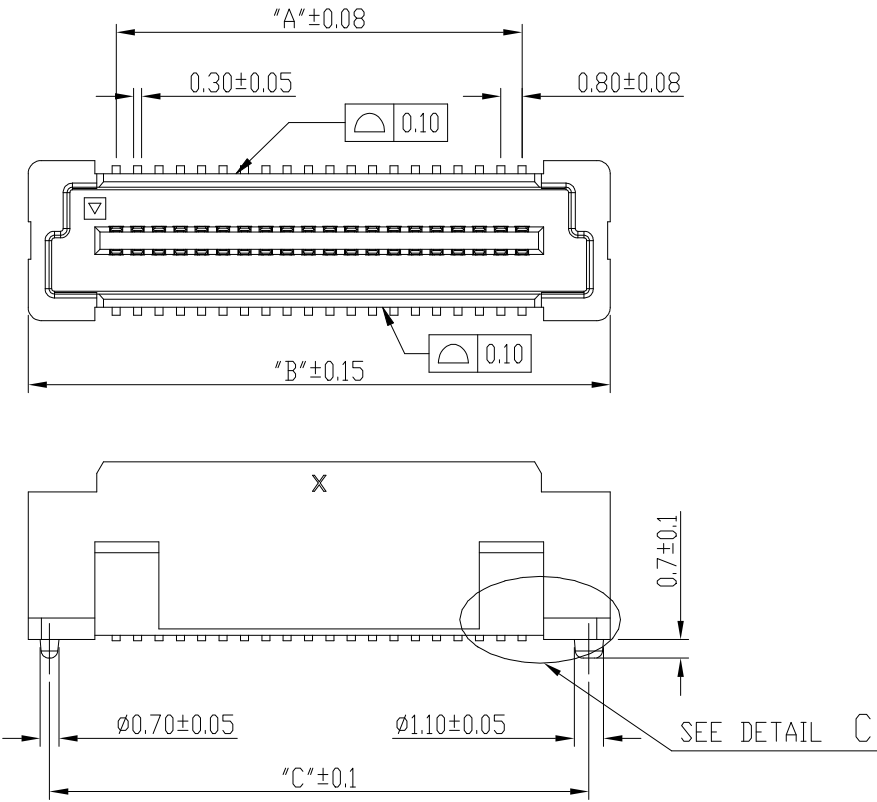
mat'l. code				surface	tolerance	projection	product family			
				ISO 1302	ISO 406	ISO 1101	BERGSTAK HPL545			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title			
c				angles	linear	mm	PLUG ASSY			
				0°±3'		scale 1:1	BERGSTAK 0.8MM			
				dr	Jim Meng	2014-10-21	Amphenol FCI	dwg no		sheet 3 of 6
				engr	Bob Gu	2019-07-31		10134990		size A3
				chr	LQ Lei	2019-07-31				
				appd	Tim Yao	2019-07-31		type		Product Customer Drawing
sheet index	revision	c								
	sheet	1								

PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10134990-043***	2X20	15.2	21.8	20.2
10134990-063***	2X30	23.2	29.8	28.2
10134990-083***	2X40	31.2	37.8	36.2
10134990-103***	2X50	39.2	45.8	44.2
10134990-123***	2X60	47.2	53.8	52.2
10134990-143***	2X70	55.2	61.8	60.2
10134990-163***	2X80	63.2	69.8	68.2
10134990-183***	2X90	71.2	77.8	76.2
10134990-203***	2X100	79.2	85.8	84.2



A

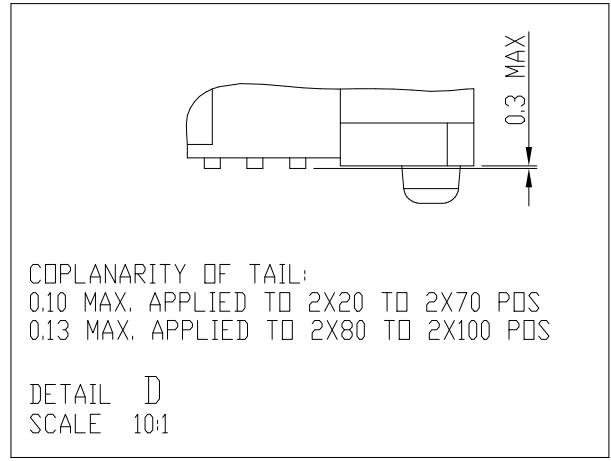
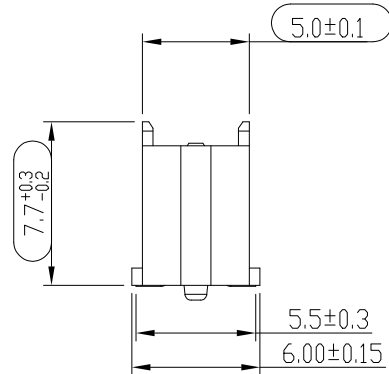
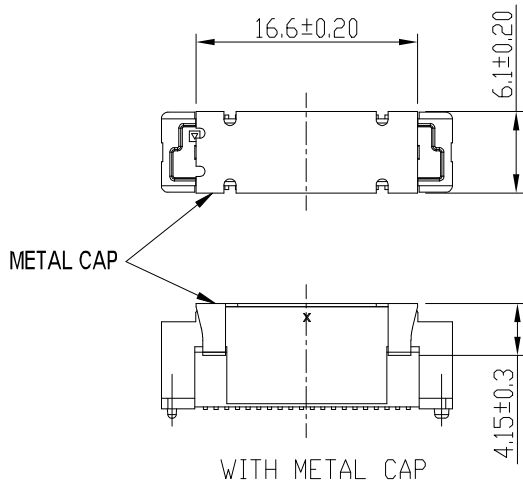
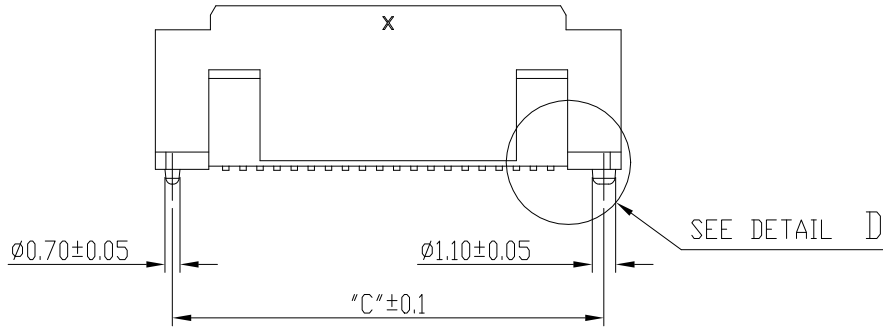
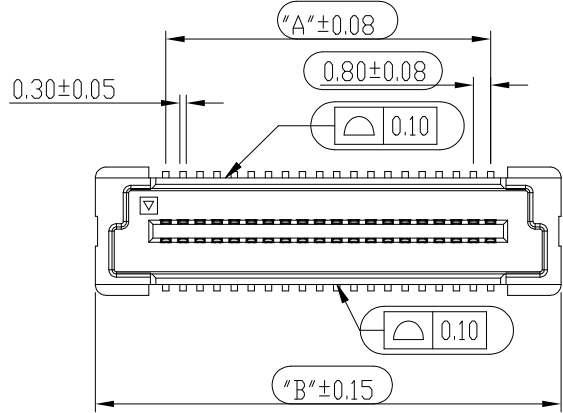
A



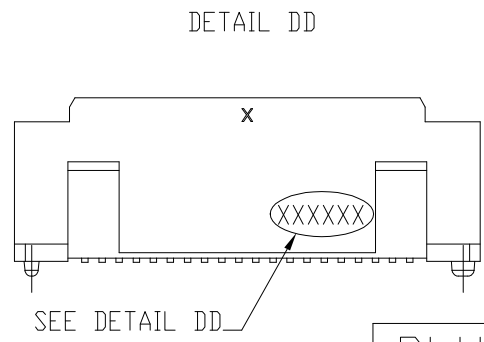
DATE CODE: XXXXXX
DAY(01~31)
MONTH(01~12)
YEAR(00~99)

mat'l. code				surface	tolerance	projection	product family			
				ISO 1302	ISO 406	ISO 1101	BERGSTAK HPL545			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title			
c				angles	linear		PLUG ASSY			
				0°±3'			BERGSTAK 0.8MM			
				dr	Jim Meng	2014-10-21		dwg no		sheet 4 of 6
				engr	Bob Gu	2019-07-31		10134990		A3
				chr	LQ Lei	2019-07-31		type		Product Customer Drawing
				appd	Tim Yao	2019-07-31				
sheet index	revision	c								
	sheet	1								

PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10134990-044***	2X20	15.2	21.8	20.2
10134990-064***	2X30	23.2	29.8	28.2
10134990-084***	2X40	31.2	37.8	36.2
10134990-104***	2X50	39.2	45.8	44.2
10134990-124***	2X60	47.2	53.8	52.2
10134990-144***	2X70	55.2	61.8	60.2
10134990-164***	2X80	63.2	69.8	68.2
10134990-184***	2X90	71.2	77.8	76.2
10134990-204***	2X100	79.2	85.8	84.2



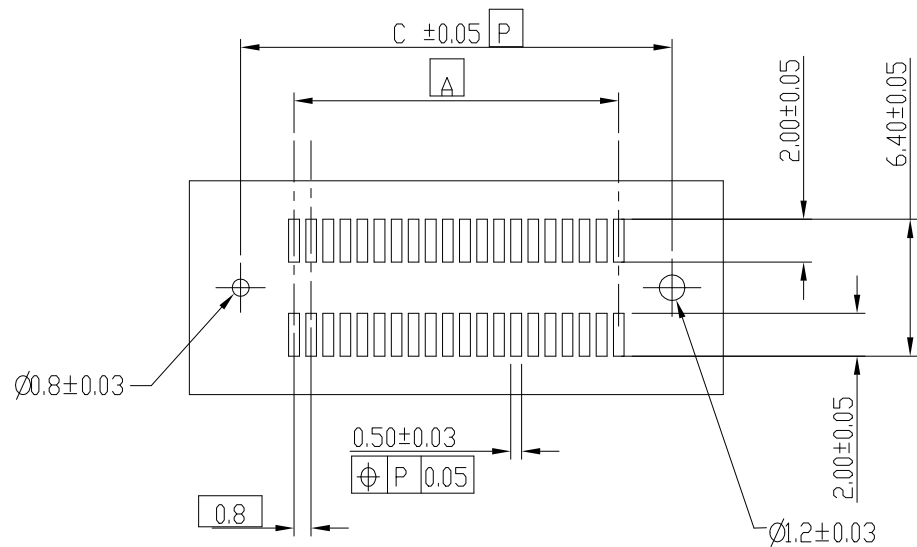
DATE CODE: XXXXXX
DAY(01~31)
MONTH(01~12)
YEAR(00~99)



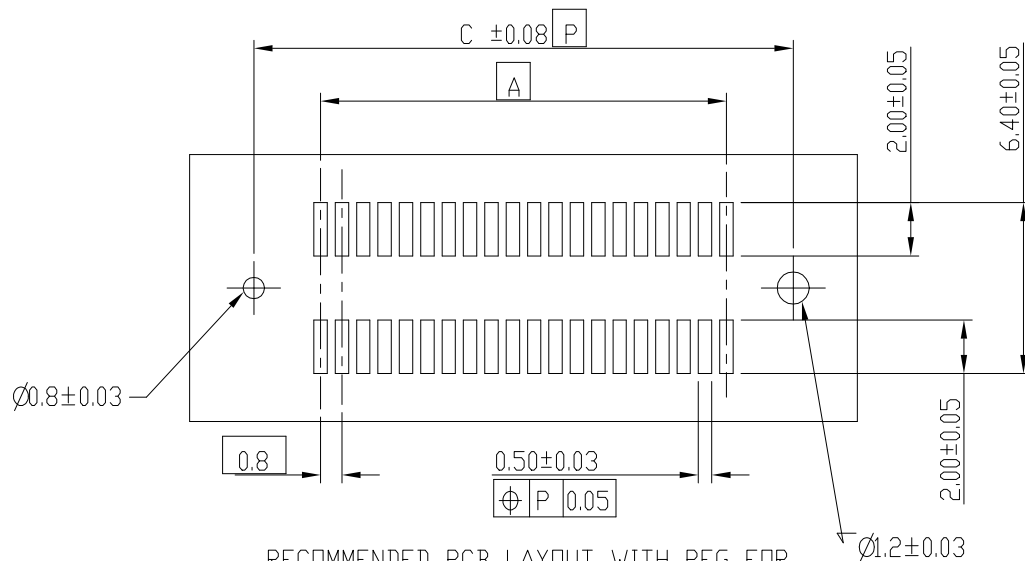
PLUG 4

mat'l. code				surface		tolerance		projection		product family					
				ISO 1302 ✓		ISO 406 ISO		1101 		BERGSTAK HPL545					
ltr	ecn no	dr	date	tolerances unless otherwise		specified				title					
c				angles		linear		.0±.2		PLUG ASSY BERGSTAK 0.8MM					
								mm 							
				0°±3°				.00±.15							
								.000±.10		scale 1:1					
				dr	Jim Meng		2014-10-21				dwg no		sheet5 of 6	size	
				engr	Bob Gu		2019-07-31				10134990		A3		
				chr	LQ Lei		2019-07-31								
				appd	Tim Yao		2019-07-31								
sheet index		revision		C							type		Product	Customer	Drawing
		sheet		1											

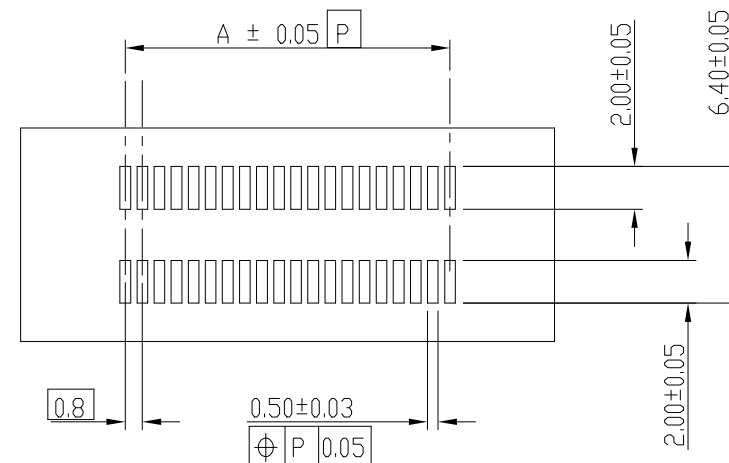
FOR PLUG 1/2/3/4



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



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



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

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			
c				angles	linear	.0 ± .2				PLUG ASSY			
						.00 ± .15			mm	BERGSTAK 0.8MM			
				0° ± 3°		.000 ± .10			scale 1:1				
				dr	Jim Meng	2014-10-21				dwg no		sheet 6 of 6	size
				enr	Bob Gu	2019-07-31				10134990			A3
				chr	LQ Lei	2019-07-31							
				appd	Tim Yao	2019-07-31				type Product Customer Drawing			
sheet index	revision	c											
	sheet	1											