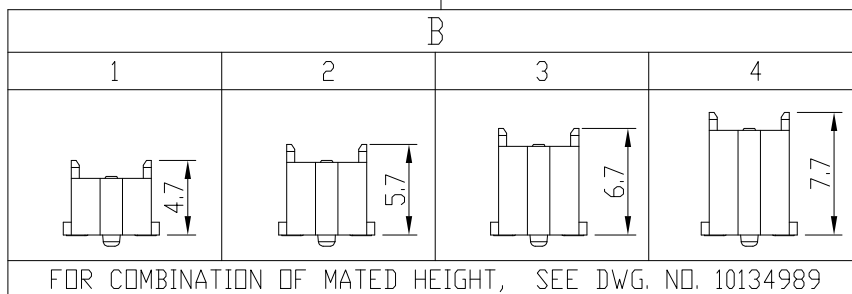


10134990-AA B C D E G FF

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 ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 1101	product family BERGSTAK HPL545
ltr	ecn no	dr	date	tolerances unless otherwise specified	linear	mm	title
A		Jim	2014-10-21	angles	.0±.2		PLUG ASSY
B	ELX-N-33922	Bob	2019-07-03		.00±.15		BERGSTAK 0.8MM
C	ELX-N-34381	Bob	2019-07-31	0'±3'	.000±.10	scale 1:1	
				dr	Jim Meng	2014-10-21	dwg no
				engr	Bob Gu	2019-07-31	sheet 1 of 6
				chr	LQ Lei	2019-07-31	size
				appd	Tim Yao	2019-07-31	A3
sheet index	revision sheet	A	B	C			type Product Customer Drawing
		1~6	1	1			

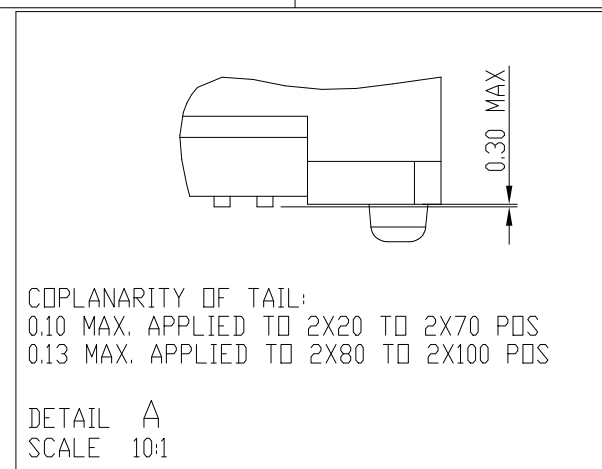
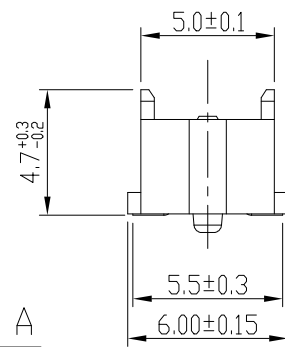
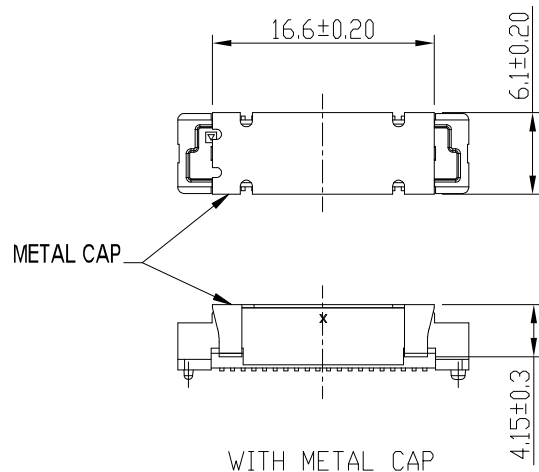
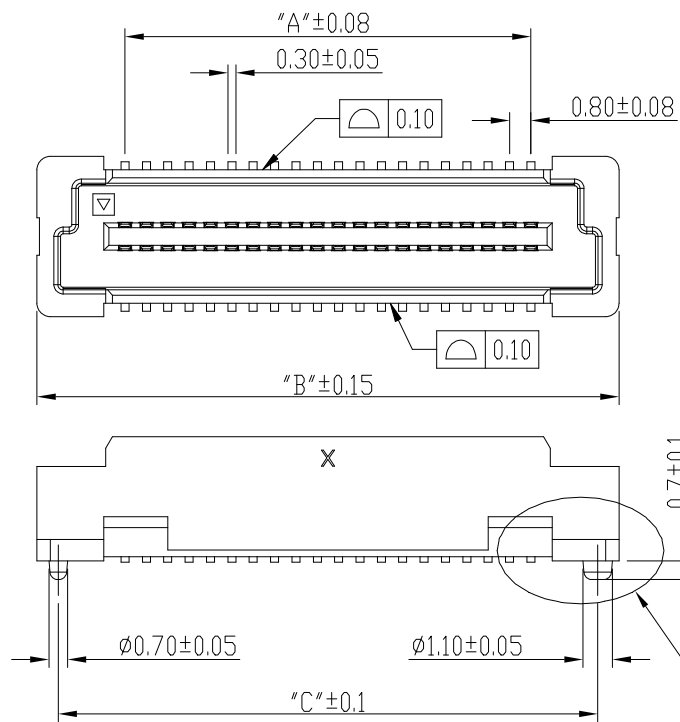
PDS: Rev :C

STATUS: Released

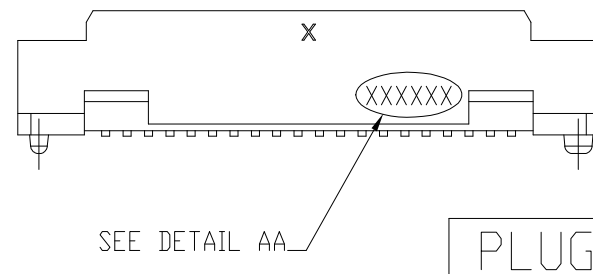
Printed: Aug 14, 2019

Amphenol
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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

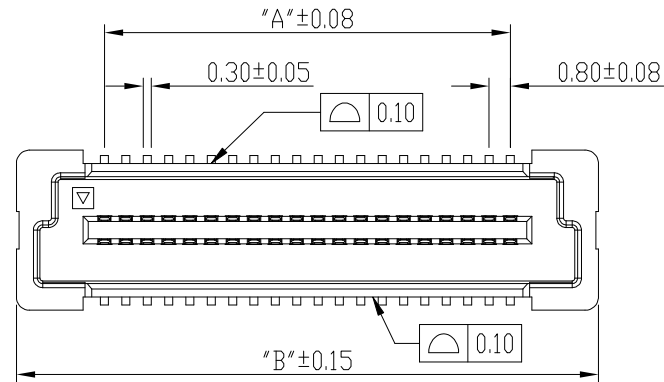
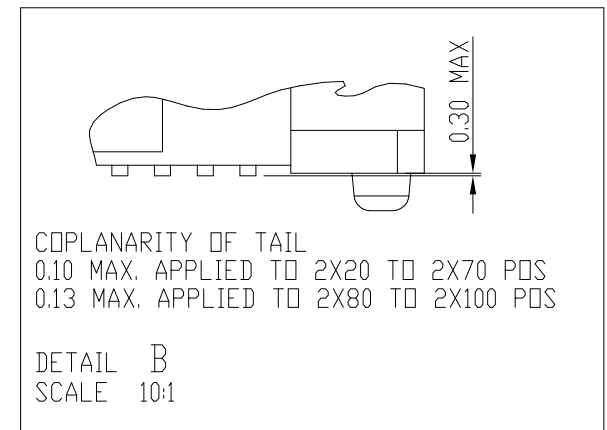
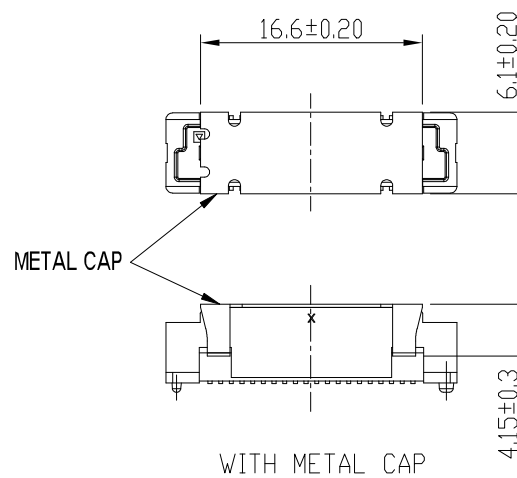


DATE CODE: XXXXXX
DAY(01~31)
MONTH(01~12)
YEAR(00~99)
DETAIL AA



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	mm	PLUG ASSY
				0°±3'	.00±.15	scale 1:1	BERGSTAK 0.8MM
				dr	Jim Meng	2014-10-21	dwg no
				engr	Bob Gu	2019-07-31	sheet2 of 6
				chr	LQ Lei	2019-07-31	size
				appd	Tim Yao	2019-07-31	A3
sheet	revision	c					type
index	sheet	1					Product Customer Drawing

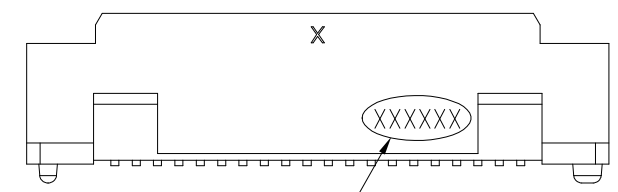
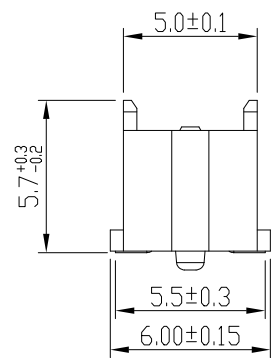
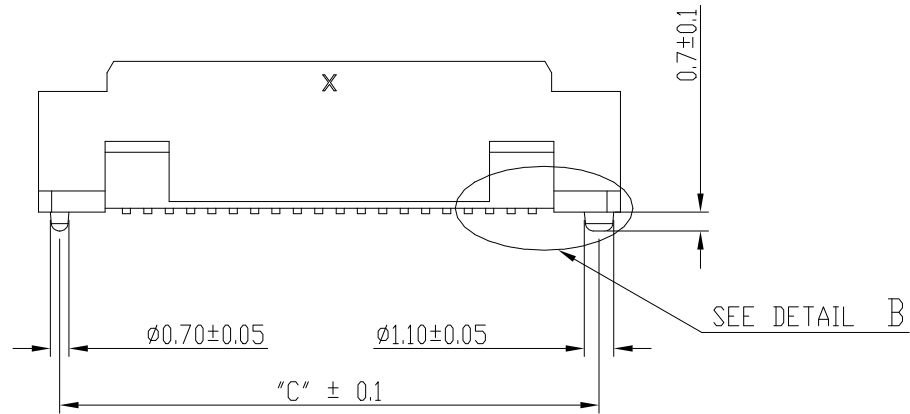
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10134990-042***	2X20	15.2	21.8	20.2
10134990-062***	2X30	23.2	29.8	28.2
10134990-082***	2X40	31.2	37.8	36.2
10134990-102***	2X50	39.2	45.8	44.2
10134990-122***	2X60	47.2	53.8	52.2
10134990-142***	2X70	55.2	61.8	60.2
10134990-162***	2X80	63.2	69.8	68.2
10134990-182***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



PLUG 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 PLUG ASSY BERGSTAK 0.8MM									
c					angles linear		.0±.2		mm		dwg no sheet3 of 6 size 10134990 A3								
					0°±3°		.00±.15		scale 1:1										
					dr	Jim Meng	2014-10-21												
					engr	Bob Gu	2019-07-31		Amphenol FCI										
					chr	LQ Lei	2019-07-31				type Product Customer Drawing								
					appd	Tim Yao	2019-07-31												
sheet index		revision sheet		c	1														

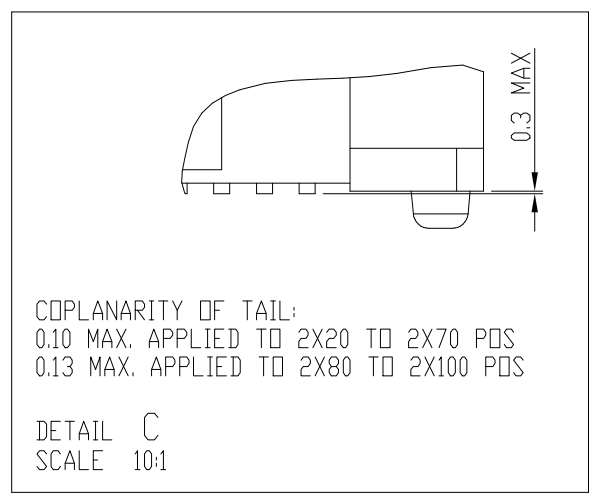
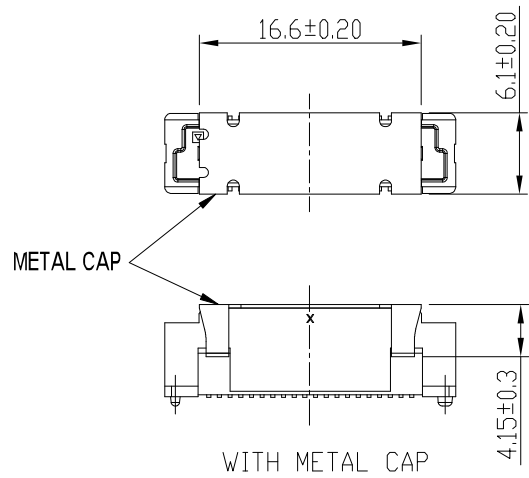
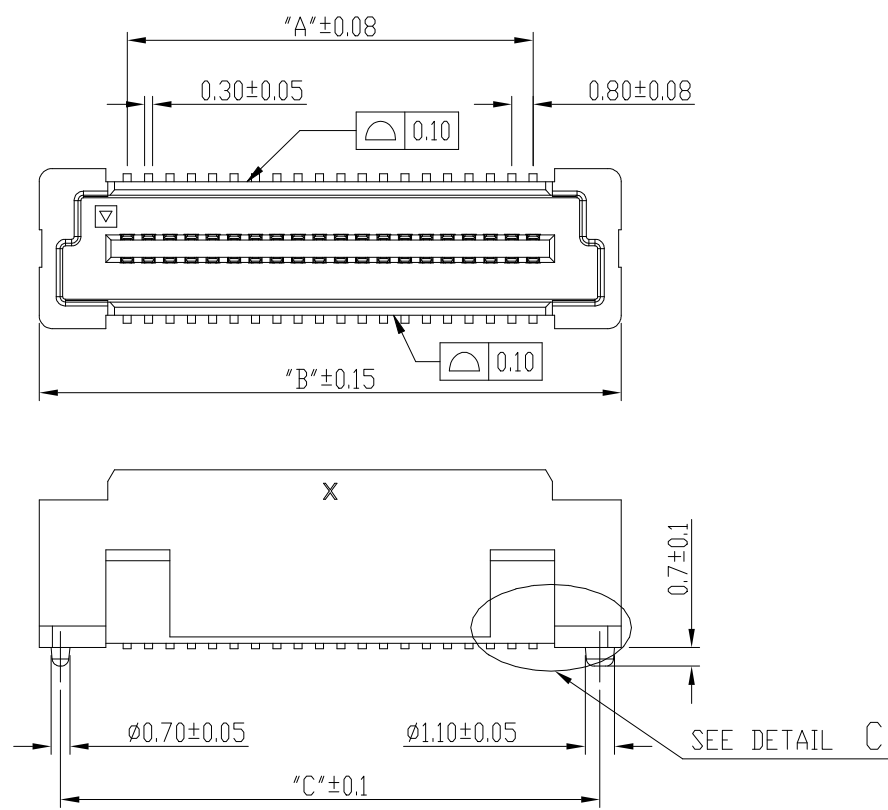
Amphenol FCI

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Amphenol
FCI

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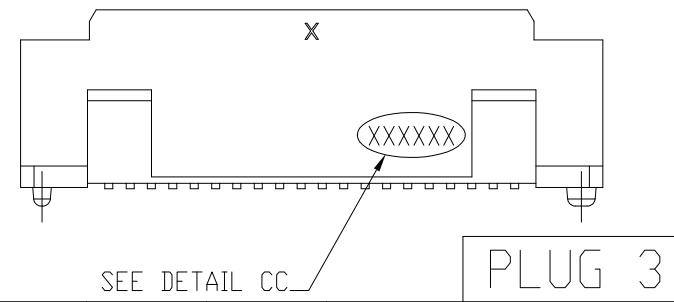
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10134990-043***	2X20	15.2	21.8	20.2
10134990-063***	2X30	23.2	29.8	28.2
10134990-083***	2X40	31.2	37.8	36.2
10134990-103***	2X50	39.2	45.8	44.2
10134990-123***	2X60	47.2	53.8	52.2
10134990-143***	2X70	55.2	61.8	60.2
10134990-163***	2X80	63.2	69.8	68.2
10134990-183***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



DATE CODE: XXXXXX

- DAY(01~31)
- MONTH(01~12)
- YEAR(00~99)

DETAIL CC

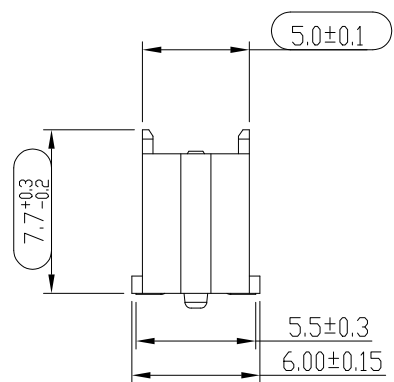
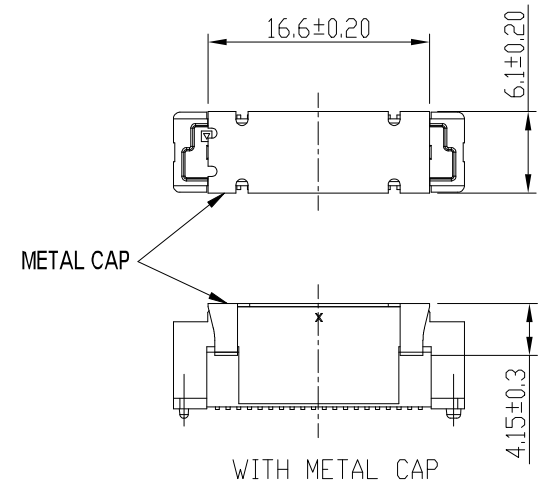
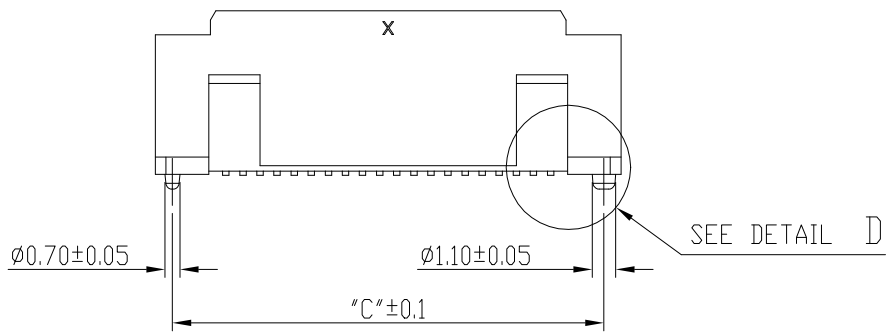
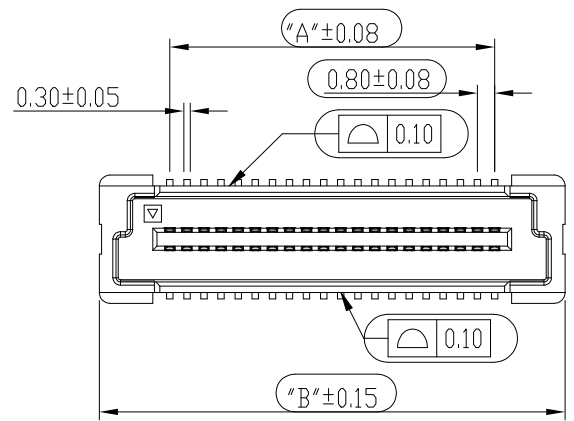


mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTAK HPL545			
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm 		title PLUG ASSY BERGSTAK 0.8MM			
c				angles		linear 0°±3'		.0±.2 .00±.15 .000±.10		scale 1:1			
				dr	Jim Meng	2014-10-21				dwg no		sheet4 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 sheet		c	1								

Amphenol FCI

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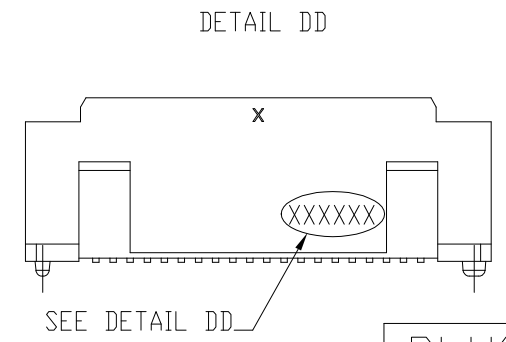
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10134990-044***	2X20	15.2	21.8	20.2
10134990-064***	2X30	23.2	29.8	28.2
10134990-084***	2X40	31.2	37.8	36.2
10134990-104***	2X50	39.2	45.8	44.2
10134990-124***	2X60	47.2	53.8	52.2
10134990-144***	2X70	55.2	61.8	60.2
10134990-164***	2X80	63.2	69.8	68.2
10134990-184***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



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

DETAIL D
SCALE 10:1

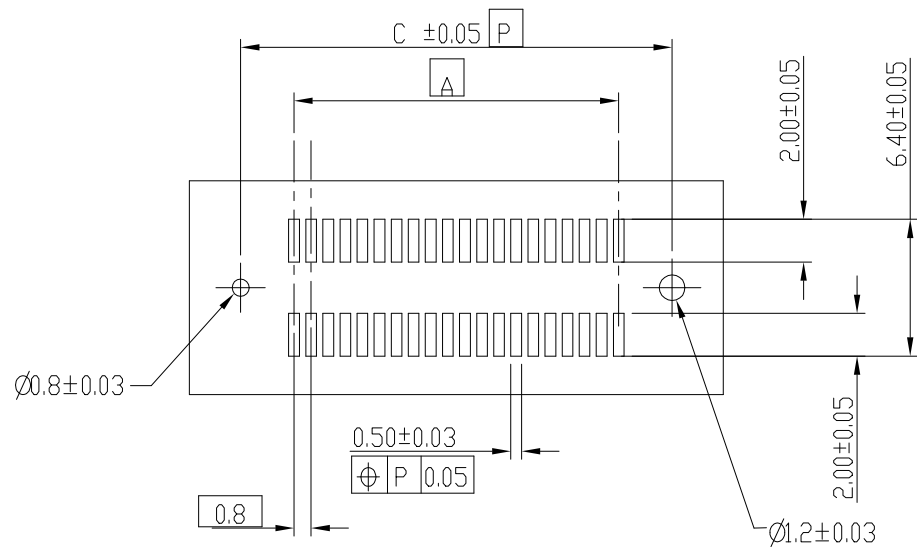
DATE CODE: XXXXXX
DAY(01~31)
MONTH(01~12)
YEAR(00~99)



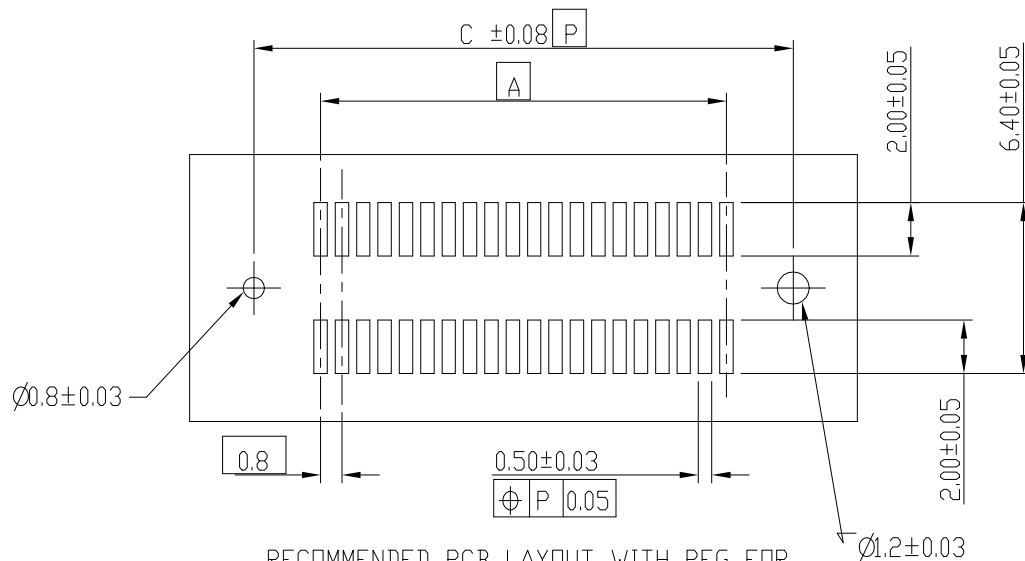
PLUG 4

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family BERGSTAK HPL545
ltr	ecn no	dr	date	tolerances unless otherwise specified	linear	mm	title PLUG ASSY BERGSTAK 0.8MM
c				angles 0°±3'	linear .0±.2 .00±.15 .000±.10	scale 1:1	dwg no 10134990
				dr Jim Meng	2014-10-21	Amphenol FCI	sheet 5 of 6
				engr Bob Gu	2019-07-31		size A3
				chr LQ Lei	2019-07-31		
				appd Tim Yao	2019-07-31		
sheet index	revision sheet	c	1				type Product Customer Drawing

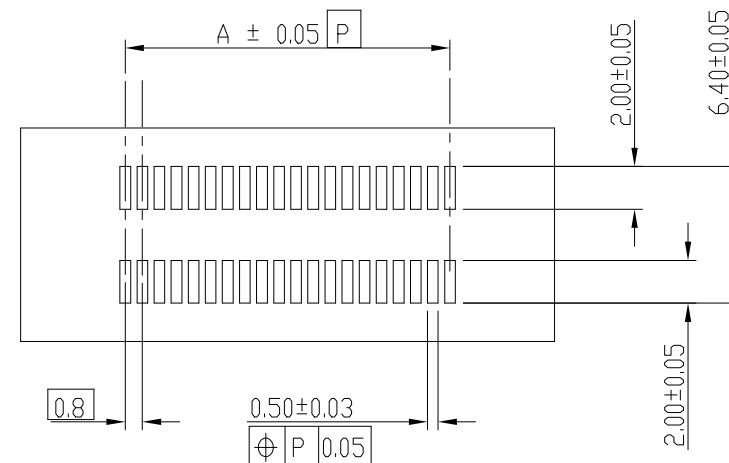
FOR PLUG 1/2/3/4



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 HOLDDOWN FOR
NO. OF PDS 2X20, 2X30, 2X40, 2X50 2X60

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