

61083-AA B C D E G V 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

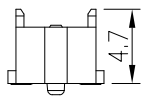
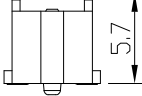
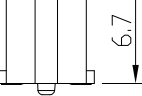
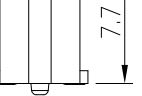
V	MANDATORY CODE
/	STANDARD, NOT MANDATORY P/N
V	ONLY FOR DEDICATED CUSTOMER

D	FEATURE	HOLD DOWN
0	YES	NO
2	NO	NO

G	DATE CODE
/	STANDARD, NOT PRINT DATE CODE
P	PRINT DATE CODE

E	PACKAGING
0	TUBE WITHOUT METAL CAP
2	T&R WITH METAL CAP
9	TUBE WITH METAL CAP
6	T&R WITHOUT METAL CAP (WITH KAPTON TAPE)
7	T&R WITH PLASTIC CAP

NOTE 10
NOTE 10
NOTE 11
NOTE 10

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

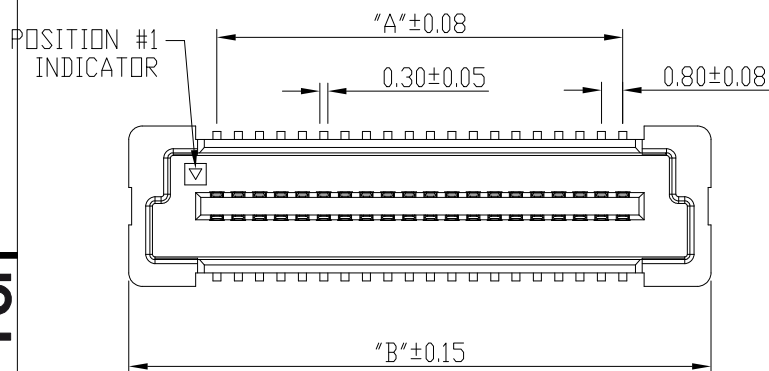
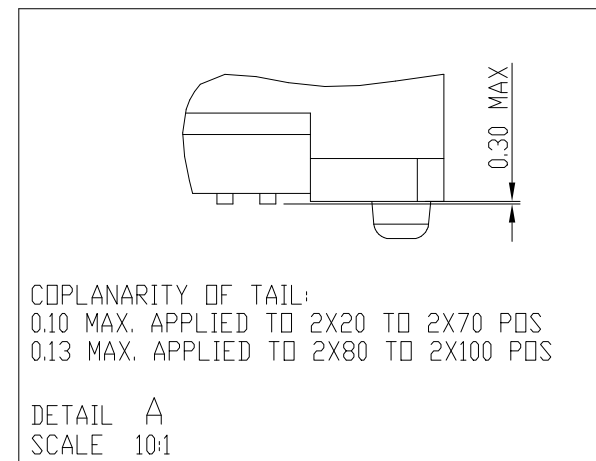
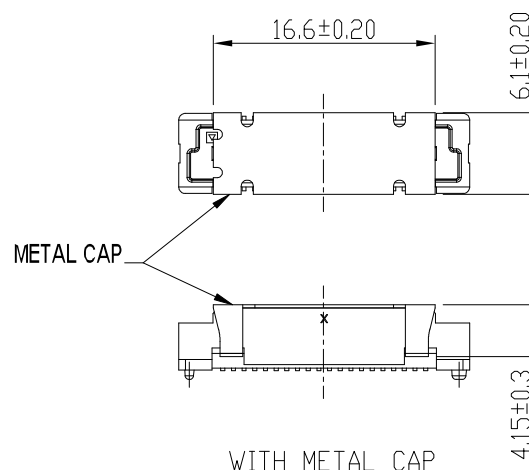
NOTE:

- MATERIAL:
HOUSING: G.F. LCP, UL94-V0
TERMINAL: BRASS
- PLATING: AS SHOWN IN TABLE.
- SEE GS-12-547 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 PDS, ALL HEIGHTS. PLS REFER TO PRINT 10069525.
- THE P/N 61083-***** OR 61083-*****LF NOT PRINT DATE CODE.
THE P/N 61083-*****P OR 61083-*****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.

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 (0.065um MIN) OVER PALLADIUM-NICKEL 0.69um 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 (0.065um MIN) OVER PALLADIUM-NICKEL 0.69um MIN / PURE MATT TIN 2.5um MIN NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF
7	GOLD 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

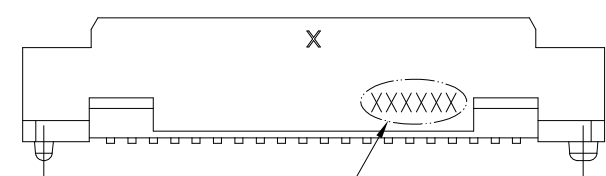
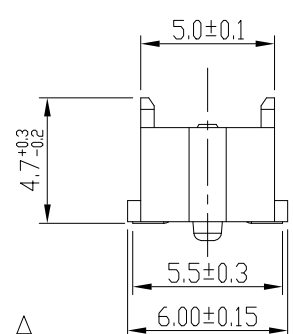
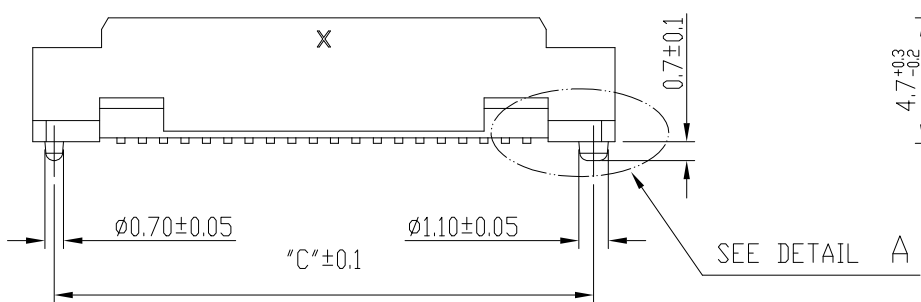
mat'l. code				surface	tolerance	projection	product family			
				ISO 1302	ISO 406	ISO 1101	BERGSTAK HPL545			
ltr	ecn no	dr	date	tolerances	unless otherwise	specified	title			
AG		GM	10/19/16	angles			PLUG ASSY BERGSTAK 0.8MM			
AH	ELX-N-25161	Bob	10/19/16	linear						
AJ	ELX-N-25201	Bob	12/29/16	0±3°			scale 1:1			
AK	ELX-N-26185	Bob	02/27/17	dr	GuoMin Sun	10/21/14	Amphenol FCI			
				enr	Bob Gu	02/27/17				
				chr	LQ Lei	02/27/17				
				appd	Tim Yao	02/27/17				
sheet	revision	AK					dwg no			
index	sheet	1~6					61083			
							sheet 1 of 6			
							size			
							A3			
							type			
							Product Customer Drawing			

PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
61083-021***	2X10	7.2	13.8	12.2
61083-041***	2X20	15.2	21.8	20.2
61083-061***	2X30	23.2	29.8	28.2
61083-081***	2X40	31.2	37.8	36.2
61083-101***	2X50	39.2	45.8	44.2
61083-121***	2X60	47.2	53.8	52.2
61083-141***	2X70	55.2	61.8	60.2
61083-161***	2X80	63.2	69.8	68.2
61083-181***	2X90	71.2	77.8	76.2
61083-201***	2X100	79.2	85.8	84.2



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

DETAIL AA

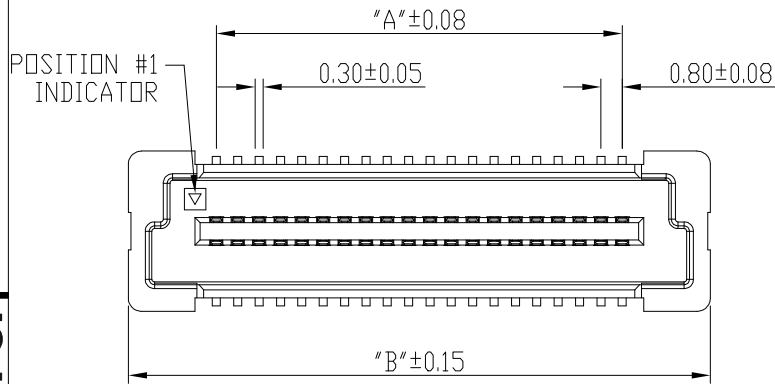
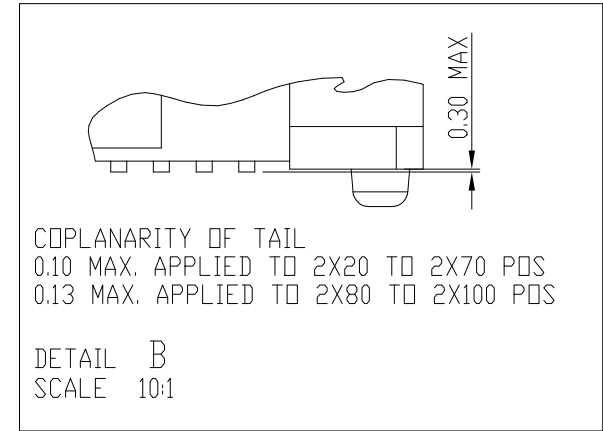
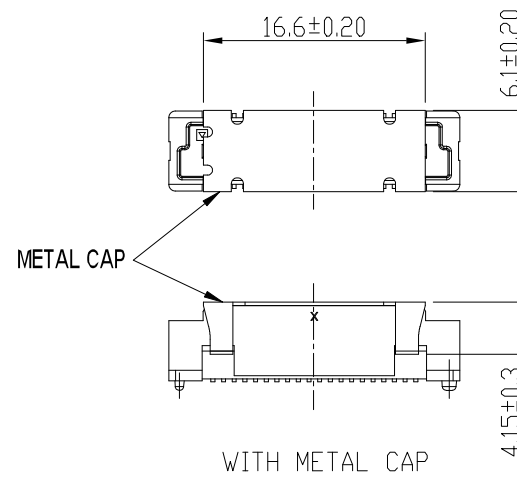


SEE DETAIL AA

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	
					angles	linear	.0±.2		mm	BERGSTAK 0.8MM		
					0°±3°		.00±.15		scale 1:1	dwg no	sheet 2 of 6	size
					dr	GuoMin Sun	10/21/14			61083		A3
					enfr	Bob Gu	02/27/17			Amphenol FCI		
					chr	LQ Lei	02/27/17			type Product Customer Drawing		
					appd	Tim Yao	02/27/17					
sheet index	revision sheet											

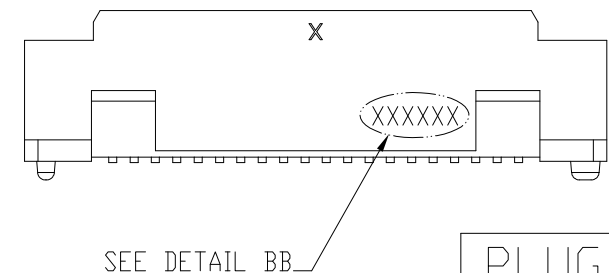
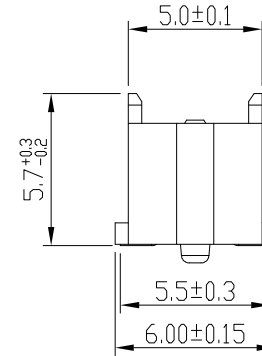
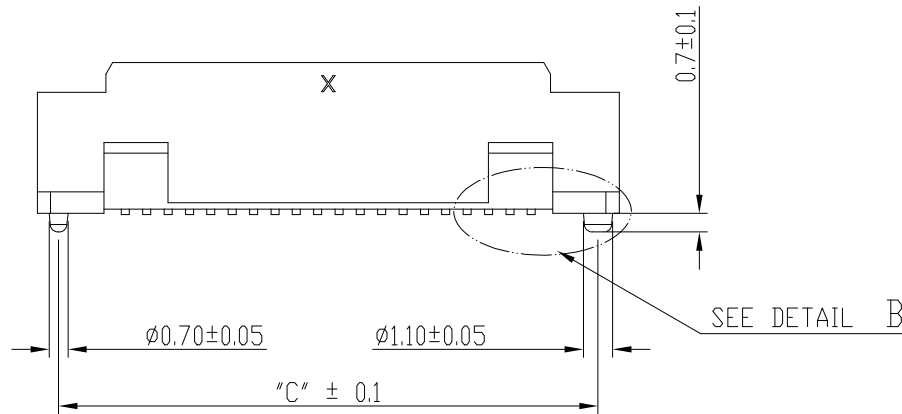
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
61083-042***	2X20	15.2	21.8	20.2
61083-062***	2X30	23.2	29.8	28.2
61083-082***	2X40	31.2	37.8	36.2
61083-102***	2X50	39.2	45.8	44.2
61083-122***	2X60	47.2	53.8	52.2
61083-142***	2X70	55.2	61.8	60.2
61083-162***	2X80	63.2	69.8	68.2
61083-182***	2X90	71.2	77.8	76.2
61083-202***	2X100	79.2	85.8	84.2



DATE CODE: XXXXXX

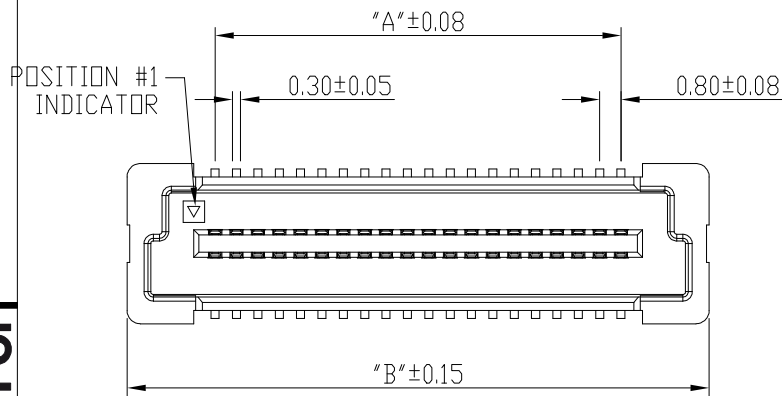
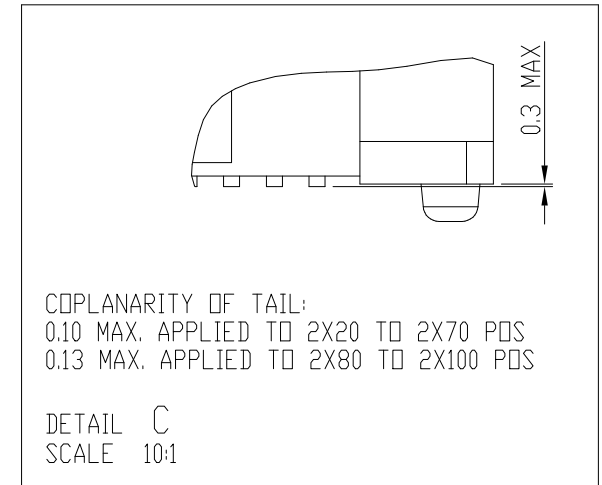
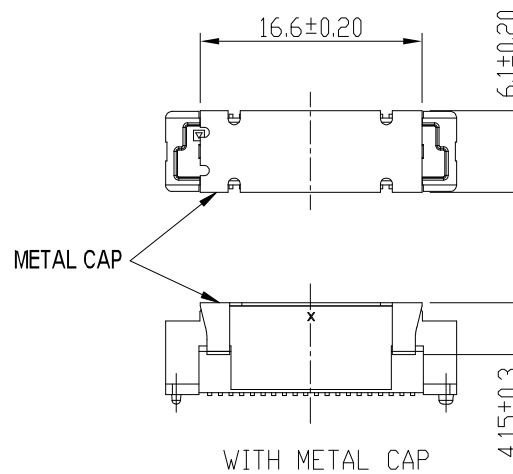
DAY(01~31)
MONTH(01~12)
YEAR(00~99)

DETAIL BB

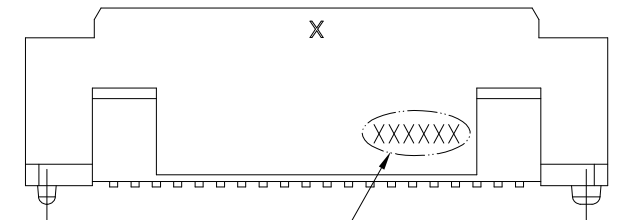
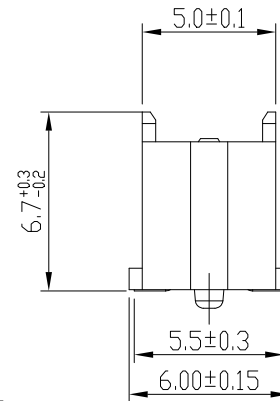
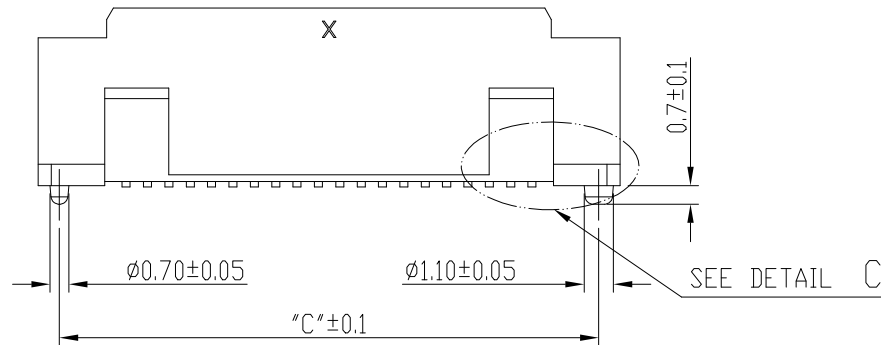


mat'l. code				surface	tolerance	projection	product family	
				ISO 1302 ✓	ISO 406 ISO 1101	mm	BERGSTAK HPL545	
ltr ecn no dr date				tolerances unless otherwise specified	angles linear	mm	title	
					0°±3°	scale 1:1	PLUG ASSY	
							BERGSTAK 0.8MM	
				dr	GuoMin Sun	10/21/14	dwg no	
				enfr	Bob Gu	02/27/17	sheet 3 of 6	
				chr	LQ Lei	02/27/17	61083	
				appd	Tim Yao	02/27/17	size	
							A3	
sheet index				revision sheet			type	
							Product Customer Drawing	

PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
61083-043***	2X20	15.2	21.8	20.2
61083-063***	2X30	23.2	29.8	28.2
61083-083***	2X40	31.2	37.8	36.2
61083-103***	2X50	39.2	45.8	44.2
61083-123***	2X60	47.2	53.8	52.2
61083-143***	2X70	55.2	61.8	60.2
61083-163***	2X80	63.2	69.8	68.2
61083-183***	2X90	71.2	77.8	76.2
61083-203***	2X100	79.2	85.8	84.2



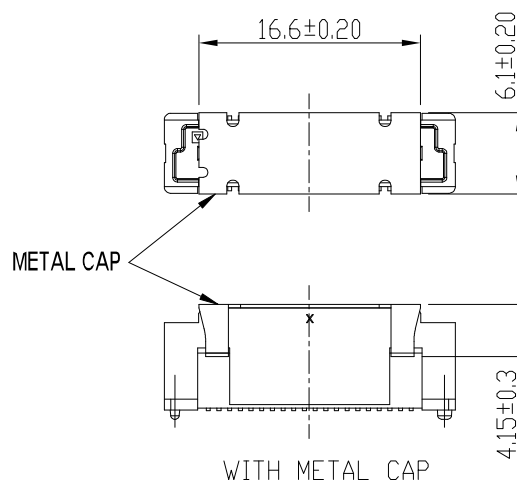
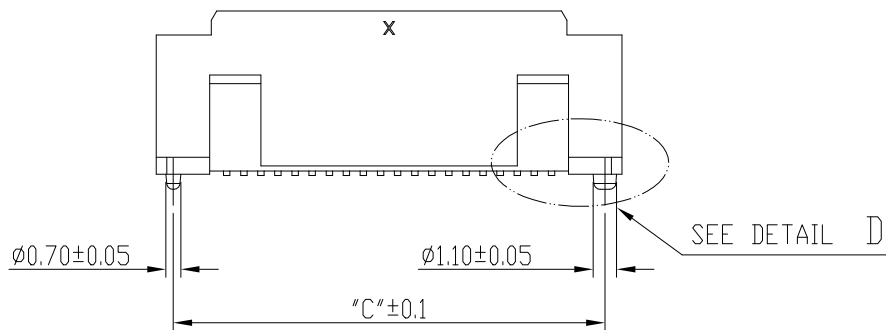
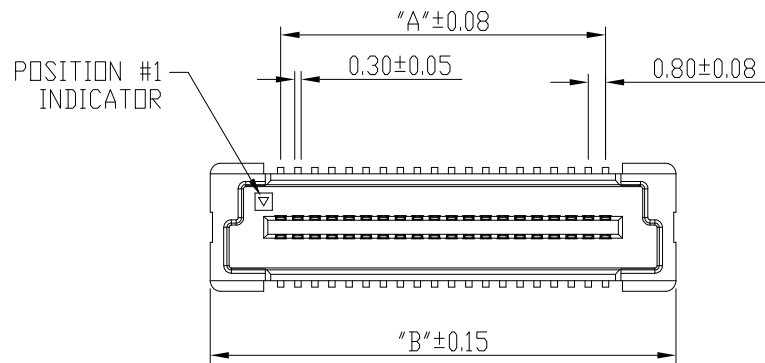
DATE CODE: XXXXXX
 DAY(01~31)
 MONTH(01~12)
 YEAR(00~99)
 DETAIL CC



PLUG 3

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					
					angles	.0±.2				PLUG ASSY BERGSTAK 0.8MM					
					linear	.00±.15									
					0±3°	.000±.10		scale 1:1							
					dr	GuoMin Sun	10/21/14			dwg no		sheet 4 of 6		size	
					engr	Bob Gu	02/27/17			61083		A3			
					chr	LQ Lei	02/27/17								
					appd	Tim Yao	02/27/17			type		Product Customer Drawing			
sheet index		revision sheet													

PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
61083-044***	2X20	15.2	21.8	20.2
61083-064***	2X30	23.2	29.8	28.2
61083-084***	2X40	31.2	37.8	36.2
61083-104***	2X50	39.2	45.8	44.2
61083-124***	2X60	47.2	53.8	52.2
61083-144***	2X70	55.2	61.8	60.2
61083-164***	2X80	63.2	69.8	68.2
61083-184***	2X90	71.2	77.8	76.2
61083-204***	2X100	79.2	85.8	84.2



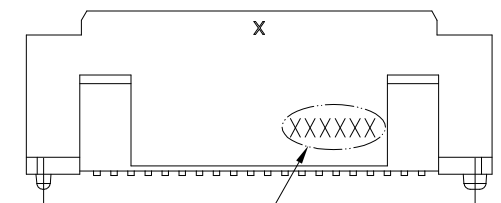
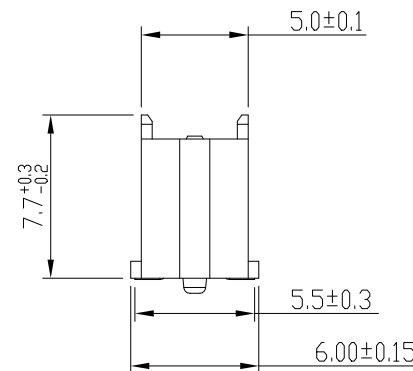
COPLANARITY OF TAIL:
0.10 MAX. APPLIED TO 2X20 TO 2X70 PDS
0.13 MAX. APPLIED TO 2X80 TO 2X100 PDS

DETAIL D
SCALE 10:1

DATE CODE: XXXXXX

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

DETAIL DD



PLUG 4

mat'l. code				surface	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family		
litr				ecr	no	dr	date	tolerances	unless otherwise specified	BERGSTAK HPL545		
				angles		linear		mm		title		
				0° ± 3°		.00 ± .15		.000 ± .10		PLUG ASSY		
										BERGSTAK 0.8MM		
				dr	GuoMin Sun	10/21/14				dwg no		
				enr	Bob Gu	02/27/17				sheet 5 of 6		
				chr	LQ Lei	02/27/17				61083		
				app	Tim Yao	02/27/17				size		
										A3		
sheet index				revision sheet						type Product Customer Drawing		

PDS: Rev :AK

STATUS: Released

Printed: Mar 01, 2017



Amphenol
FCi



B

C

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

[61083-042002](#) [61083-061002](#) [61083-081022](#) [61083-084002](#) [61083-124102](#) [61083-142002](#) [61083-142009](#) [61083-124409LF](#) [61083-041409LF](#) [61083-042409LF](#) [61083-042609LF](#) [61083-043409LF](#) [61083-043609LF](#) [61083-044409LF](#) [61083-044609LF](#) [61083-062609LF](#) [61083-063409LF](#) [61083-064609LF](#) [61083-081409LF](#) [61083-082409LF](#) [61083-082609LF](#) [61083-083409LF](#) [61083-084409LF](#) [61083-101609LF](#) [61083-102409LF](#) [61083-104409LF](#) [61083-104600LF](#) [61083-121409LF](#) [61083-122409LF](#) [61083-142609LF](#) [61083-143409LF](#) [61083-144409LF](#) [61083-163409LF](#) [61083-164409LF](#) [61083-164429LF](#) [61083-181409LF](#) [61083-182409LF](#) [61083-183629LF](#) [61083-184409LF](#) [61083-184609LF](#) [61083-202409LF](#) [61083-202609LF](#) [61083-203409LF](#) [61083-204409LF](#) [61083-041002](#) [61083-041009](#) [61083-042009](#) [61083-042109](#) [61083-043002](#) [61083-043009](#) [61083-043102](#) [61083-043109](#) [61083-044002](#) [61083-044009](#) [61083-044020](#) [61083-044022](#) [61083-044029](#) [61083-044100](#) [61083-044102](#) [61083-044109](#) [61083-044120](#) [61083-044122](#) [61083-061009](#) [61083-061022](#) [61083-062009](#) [61083-062022](#) [61083-062102](#) [61083-062109](#) [61083-062120](#) [61083-063002](#) [61083-063009](#) [61083-063102](#) [61083-063122](#) [61083-064009](#) [61083-064022](#) [61083-064109](#) [61083-081009](#) [61083-081029](#) [61083-081100](#) [61083-081102](#) [61083-081122](#) [61083-082002](#) [61083-082009](#) [61083-082102](#) [61083-082109](#) [61083-083009](#) [61083-083102](#) [61083-084009](#) [61083-084020](#) [61083-084102](#) [61083-101002](#) [61083-101009](#) [61083-101109](#) [61083-102000](#) [61083-102009](#) [61083-103000](#) [61083-103002](#) [61083-103009](#) [61083-103022](#) [61083-103102](#)