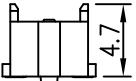
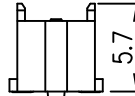
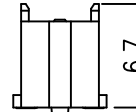
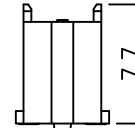


61083-AA B C D E G FF

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

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

G	DATE CODE
/	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

D	FEATURE	HOLD DOWN
0	YES	NO
2	NO	NO

NOTE:

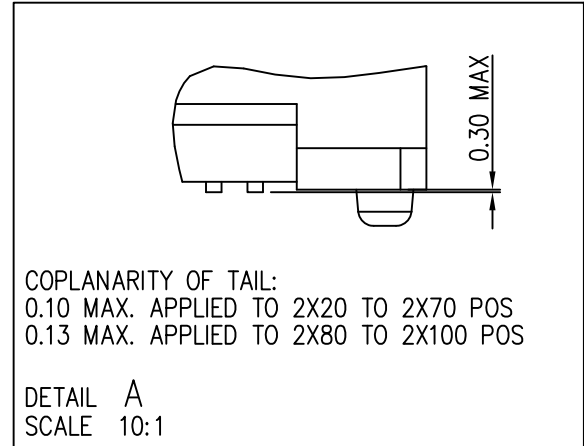
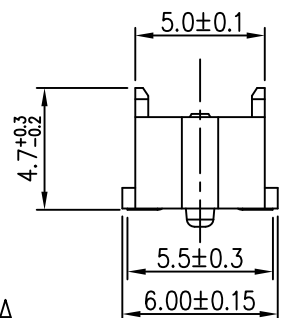
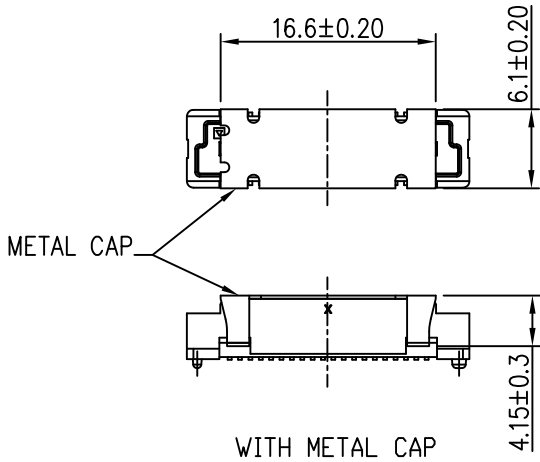
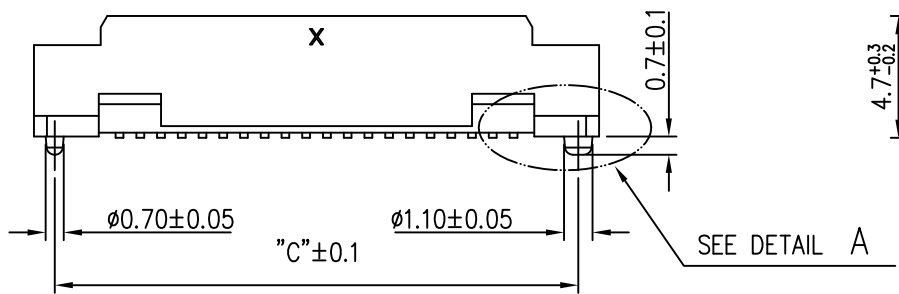
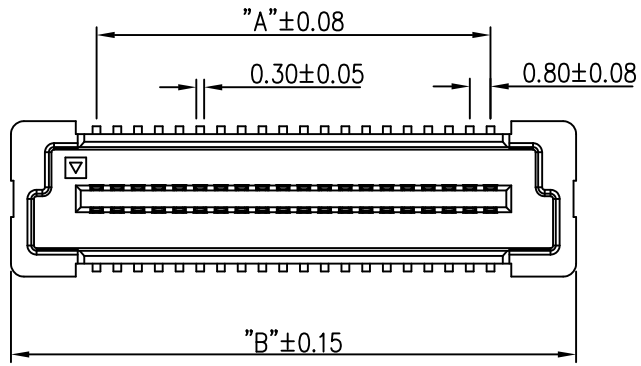
- MATERIAL:
HOUSING: G.F. LCP, UL94-V0
TERMINAL: BRASS
- PLATING: AS SHOWN IN TABLE.
- SEE GS-12-547 FOR PRODUCT SPEC.
- PACKAGING OPTION 2: NOT ALL SIZES ARE AVAILABLE. CHECK WITH FACTORY.
- THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THE 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 POS, 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. (LEAD FREE PLATING)	LF
5	GOLD 0.38um MIN / MATT PURE TIN 2.5um MIN NICKEL UNDERPLATE OVERALL 1.27um MIN (LEAD FREE 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. (LEAD FREE PLATING)	LF
9	GOLD 0.2um MIN / GOLD 0.05um MIN NICKEL UNDERPLATE OVERALL 1.27um. (LEAD FREE PLATING)	LF

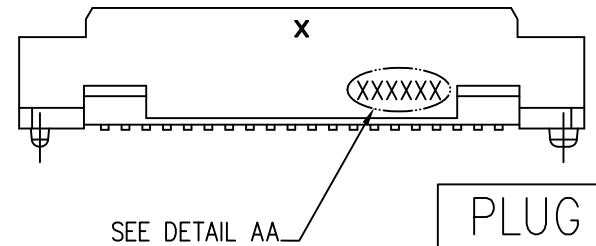
mat'l. code				surface	tolerance	projection	product family	
				ISO 1302	ISO 406	ISO 1101	BERGSTAK HPL545	
ltr	ecr no	dr	date	tolerances unless otherwise specified		mm	title	
AG		GM	10/19/16	angles	.0±.2		BERGSTAK 0.8MM PLUG ASSY	
AH	ELX-N-25161	Bob	10/19/16	linear	.00±.15			
				0°±x°	.000±.10	scale 1:1		
		dr	GuoMin Sun	10/21/14			dwg no	sheet 1 of 6
		engr	Bob Gu	10/19/14			61083	A3
		chr	ZK Hu	10/19/16			type Product Customer Drawing	
		appd	Tim Yao	10/19/16				
sheet index	revision	AH						
	sheet	1~6						

Amphenol
FCI
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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

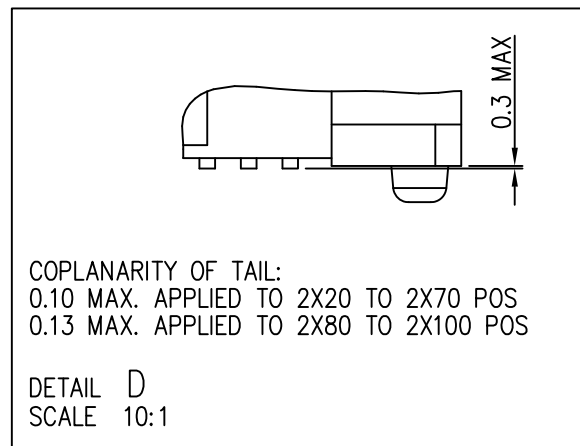
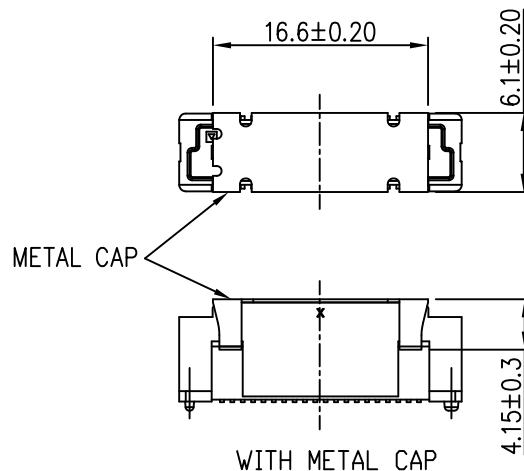
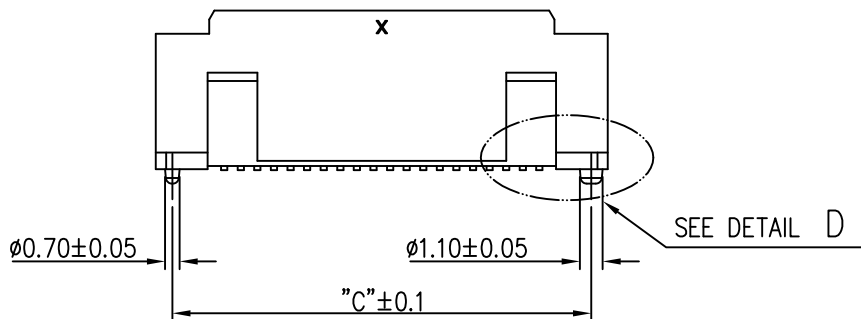
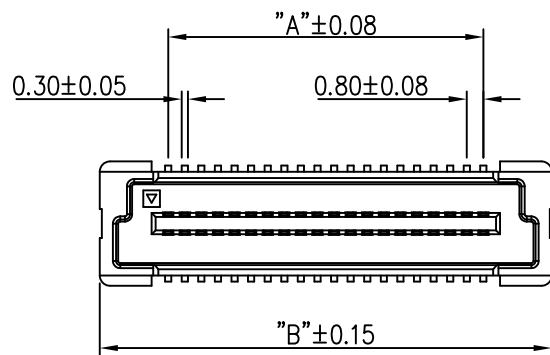


DATE CODE: XXXXXX
DAY(01~31)
MONTH(01~12)
YEAR(00~99)
DETAIL AA



mat'l. code		surface	tolerance	projection	product family	
ISO 1302		ISO 406	ISO 1101	1101	BERGSTAK HPL545	
ltr	ecr no	dr	date	tolerances unless otherwise specified	title	
				angles	BERGSTAK 0.8MM PLUG ASSY	
				linear	mm	
				0°±x'	scale 1:1	
		dr	GuoMin Sun	10/21/14	dwg no	
		engr	Bob Gu	10/19/14	sheet 2 of 6	
		chr	ZK Hu	10/19/16	61083	
		appd	Tim Yao	10/19/16	type Product Customer Drawing	
sheet index	revision sheet					size
						A3

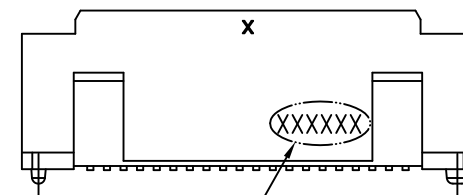
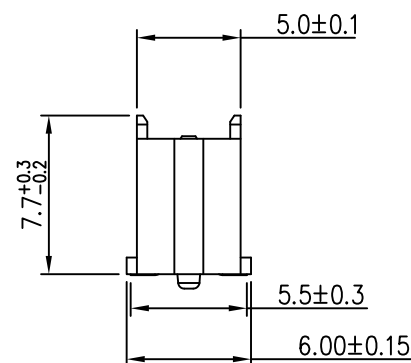
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
61083-044***	2X20	15.2	21.8	20.2
61083-064***	2X30	23.2	29.8	28.2
61083-084***	2X40	31.2	37.8	36.2
61083-104***	2X50	39.2	45.8	44.2
61083-124***	2X60	47.2	53.8	52.2
61083-144***	2X70	55.2	61.8	60.2
61083-164***	2X80	63.2	69.8	68.2
61083-184***	2X90	71.2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






DATE CODE: XXXXXX

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

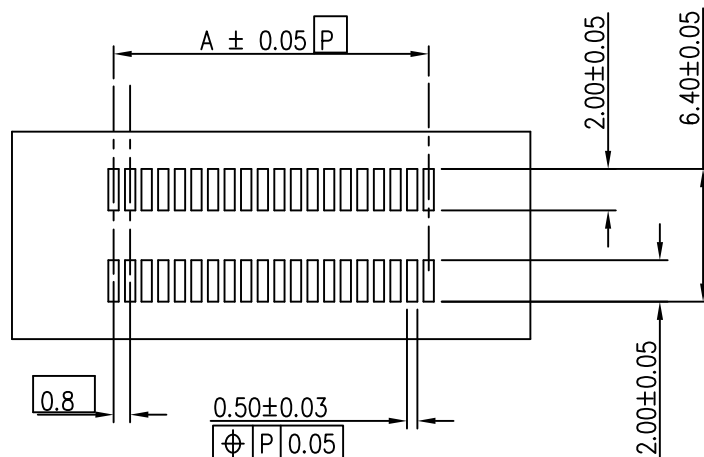
DETAIL DD



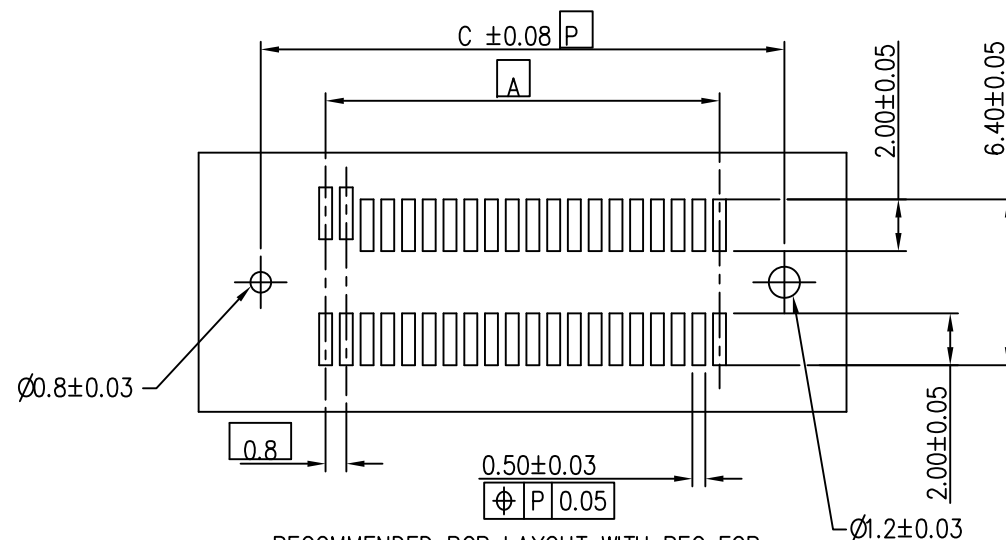
PLUG 4

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				
					angles	linear	$.0\pm.2$				BERGSTAK 0.8MM PLUG ASSY		
							$.00\pm.15$						
					$0\pm x'$		$.000\pm.10$		scale 1:1				
				dr	GuoMin Sun		10/21/14		dwg no		sheet5 of 6	size	
				engr	Bob Gu		10/19/14				61083		A3
				chr	ZK Hu		10/19/16						
				appd	Tim Yao		10/19/16						
sheet index		revision sheet											

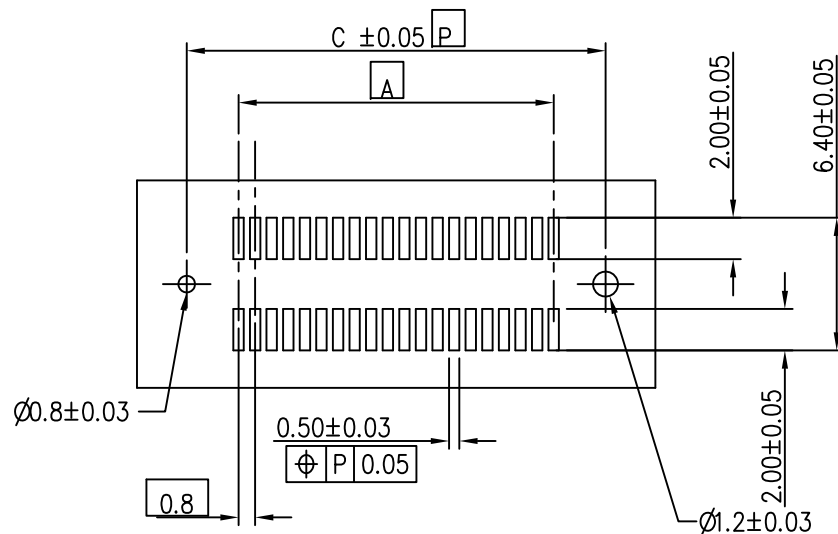
FOR PLUG 1/2/3/4



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



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



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

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			
				angles	.0±.2	mm		BERGSTAK 0.8MM PLUG ASSY	
				linear	.00±.15				
				0±x'	.000±.10	scale 1:1			
		dr	GuoMin Sun	10/21/14	Amphenol FCI		dwg no	sheet 6 of 6	size
		enr	Bob Gu	10/19/14			61083		A3
		chr	ZK Hu	10/19/16					
		appd	Tim Yao	10/19/16					
sheet index	revision sheet						type Product Customer Drawing		

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