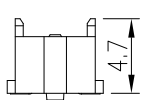
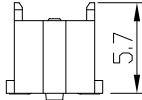
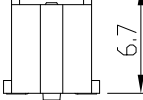
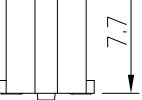


10144518- AA B C D E FF

AA	NO. OF POSITIONS
04	2X20
06	2X30
08	2X40
10	2X50

E	PACKAGING
2	T&R WITH METAL CAP
3	T&R WITHOUTL CAP

D	FEATURE	HOLD DOWN
0	YES	NO
2	NO	NO

B			
1	2	3	4
			
FOR COMBINATION OF MATED HEIGHT, SEE DWG. NO. 10144517			

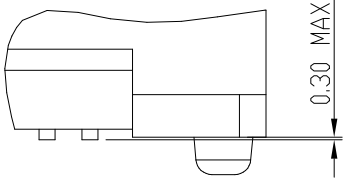
C	PLATING	FF
8	GOLD FLASH ON CONTACT AREA ; PURE MATT TIN 2.5um MIN ON SOLDER TAIL; NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF

NOTE:

- MATERIAL:
HOUSING: G.F. LCP, NATURAL, UL94-V0
TERMINAL: COPPER ALLOY
- PLATING: AS SHOWN IN TABLE.
- SEE GS-12-1424 FOR PRODUCT SPEC.
- 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.

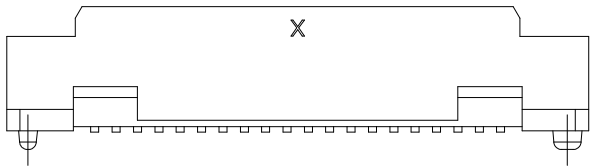
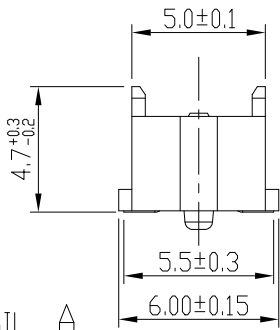
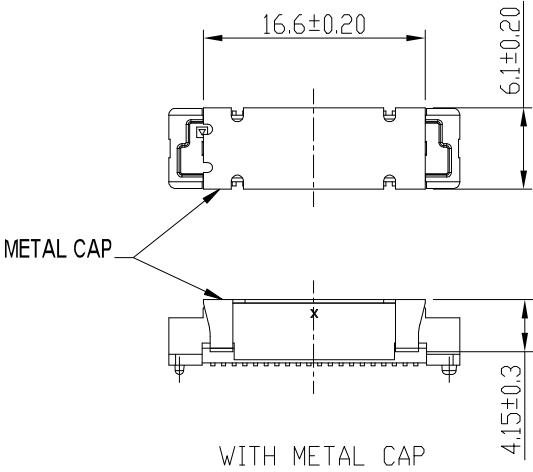
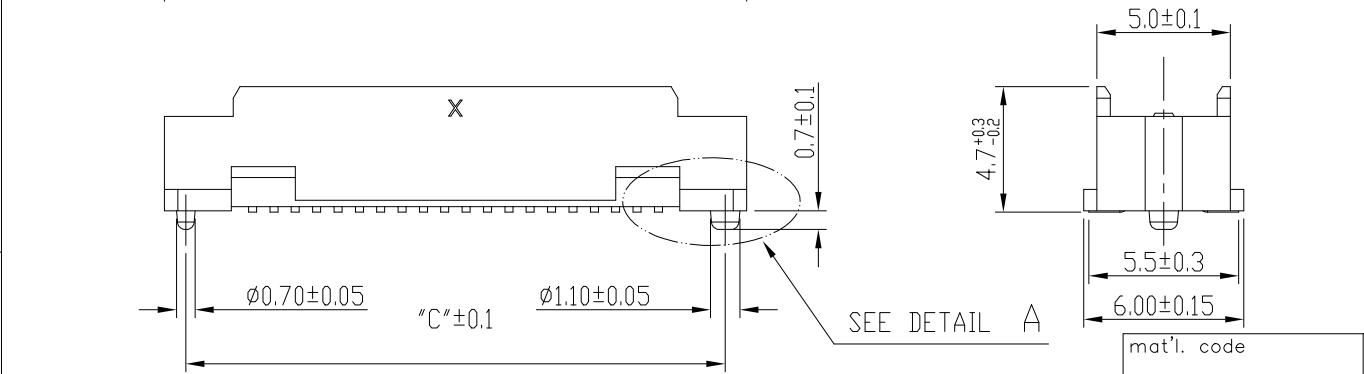
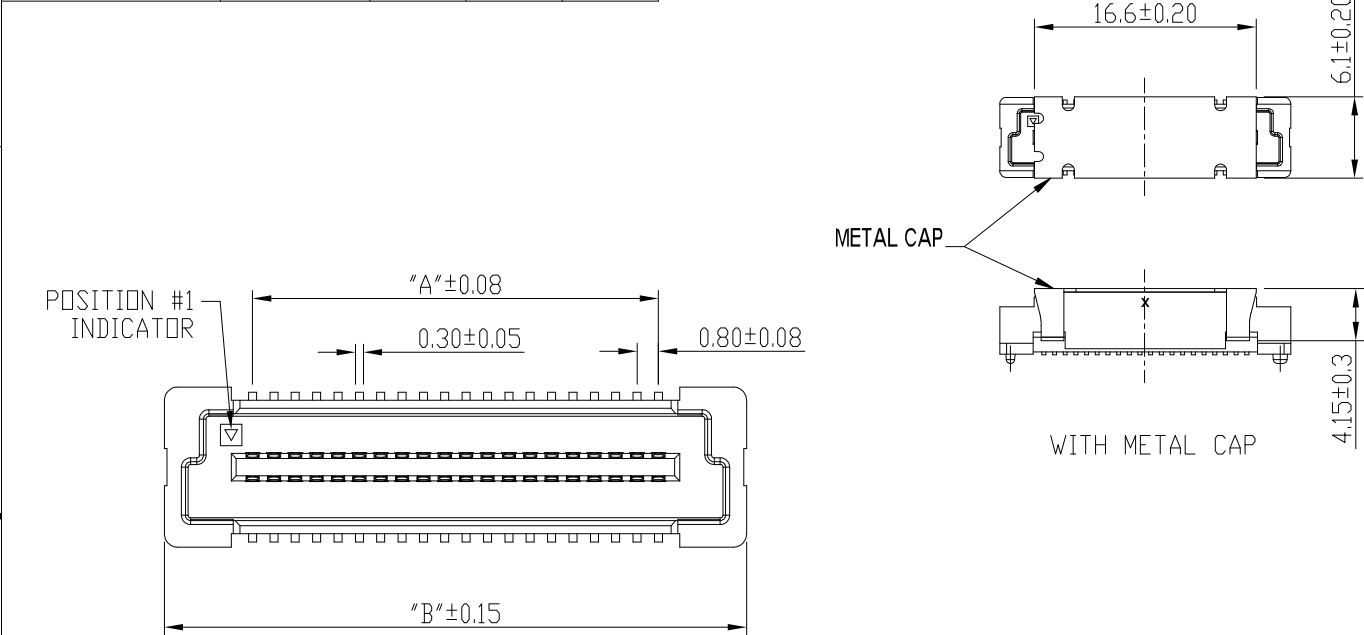
mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 1101	product family BERGSTAK
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title
A		Bob	07/05/16	angles	.0±.2	mm scale 1:1	PLUG ASSY BERGSTAK 0.8MM
B	ELX-N-28149	Bob	10/13/17	linear	.00±.15		
				0°±3°	.000±.10		
				dr	Bob Gu	07/05/17	dwg no
				engr	Bob Gu	07/05/17	sheet 1 of 6
				chr	LQ Lei	07/05/17	size
				appd	Tim Yao	07/05/17	A3
sheet index	revision	A	B				type
	sheet	1~6	1~6				Product Customer Drawing

PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10144518-041***	2X20	15.2	21.8	20.2
10144518-061***	2X30	23.2	29.8	28.2
10144518-081***	2X40	31.2	37.8	36.2
10144518-101***	2X50	39.2	45.8	44.2



COPLANARITY OF TAIL:
0.10 MAX. APPLIED TO 2X20 TO 2X50 POS

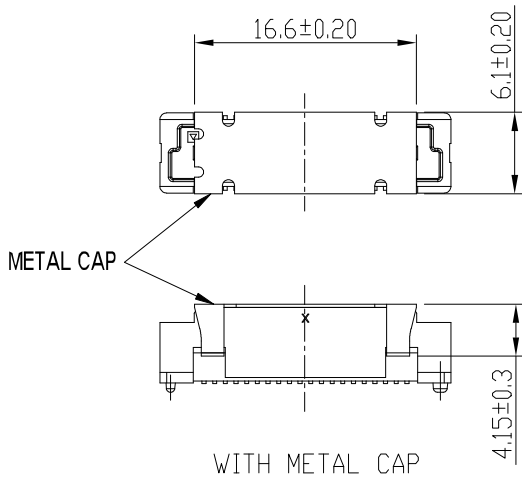
DETAIL A
SCALE 10:1



PLUG 1

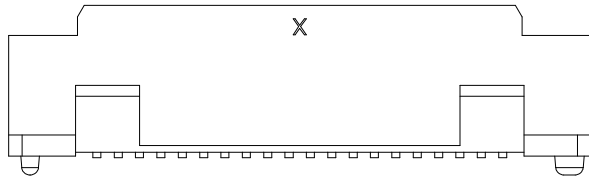
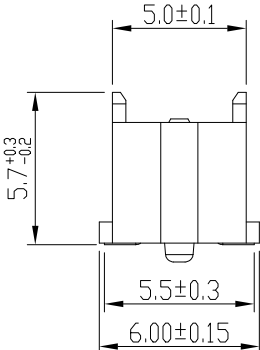
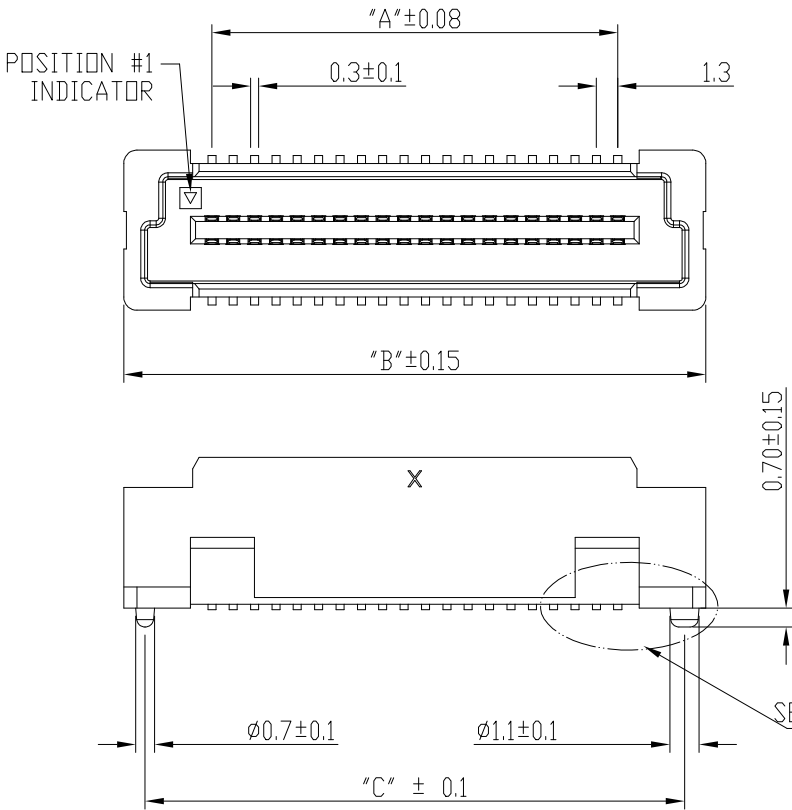
mat'l. code				surface			tolerance			projection		product family				
				ISO 1302			ISO 406 ISO 1101					BERGSTAK				
ltr				ecn no			dr			date			title			
B													PLUG ASSY			
													BERGSTAK 0.8MM			
							angles			linear			mm			
										.0±.2						
										.00±.15						
							0±3°			.000±.10			scale 1:1			
							dr			Bob Gu			07/05/17			
							engr			Bob Gu			07/05/17			
							chr			LQ Lei			07/05/17			
							appd			Tim Yao			07/05/17			

PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10144518-042***	2X20	15.2	21.8	20.2
10144518-062***	2X30	23.2	29.8	28.2
10144518-082***	2X40	31.2	37.8	36.2
10144518-102***	2X50	39.2	45.8	44.2



COPLANARITY OF TAIL
0.10 MAX. APPLIED TO 2X20 TO 2X50 POS

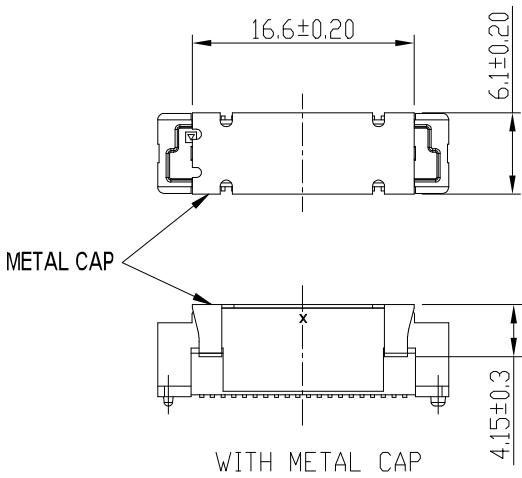
DETAIL B
SCALE 10:1

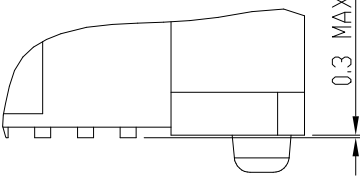


PLUG 2

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family BERGSTAK			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm scale 1:1	title PLUG ASSY BERGSTAK 0.8MM			
B				angles	linear					
				0°±3'						
				dr	Bob Gu	07/05/17	Amphenol FCI			
				enr	Bob Gu	07/05/17				
				chr	LQ Lei	07/05/17				
				appd	Tim Yao	07/05/17				
sheet index	revision sheet	A 1~6	B 1~6				dwg no 10144518			
							type Product Customer Drawing			
							sheet3 of 6 size A3			

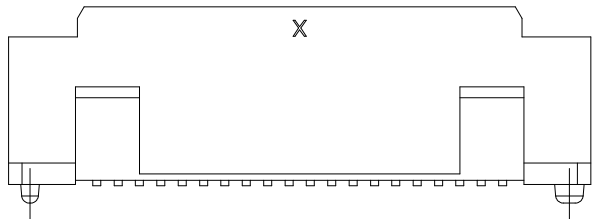
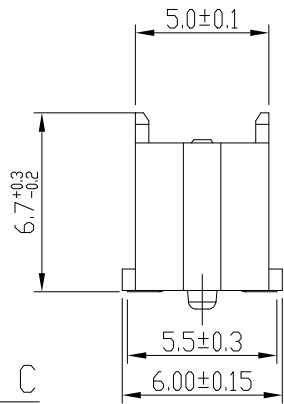
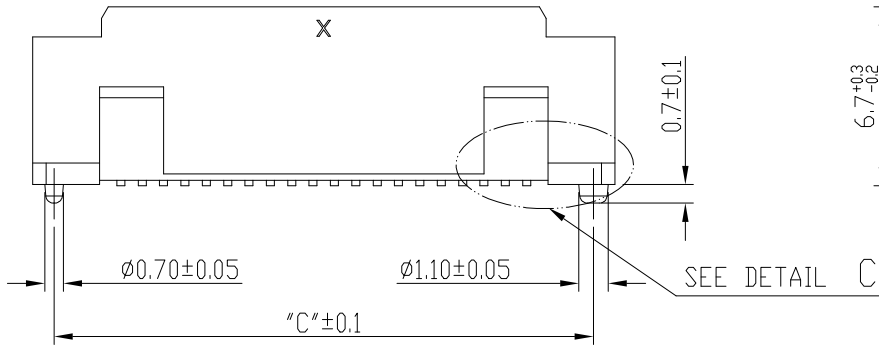
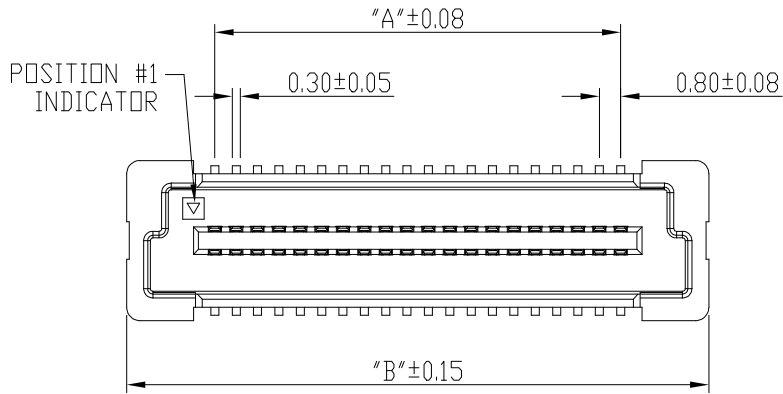
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10144518-043***	2X20	15.2	21.8	20.2
10144518-063***	2X30	23.2	29.8	28.2
10144518-083***	2X40	31.2	37.8	36.2
10144518-103***	2X50	39.2	45.8	44.2





COPLANARITY OF TAIL:
0.10 MAX. APPLIED TO 2X20 TO 2X50 PDS

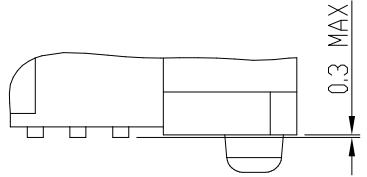
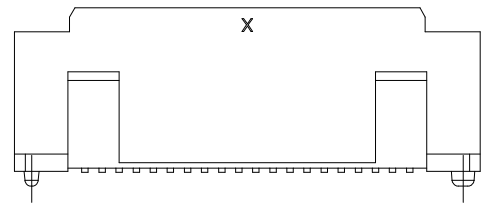
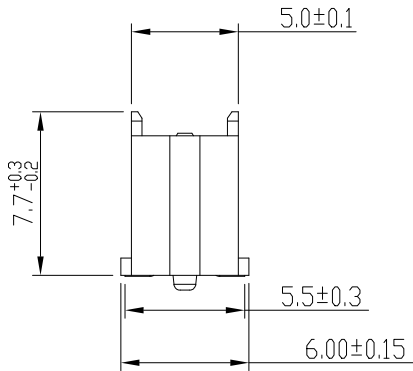
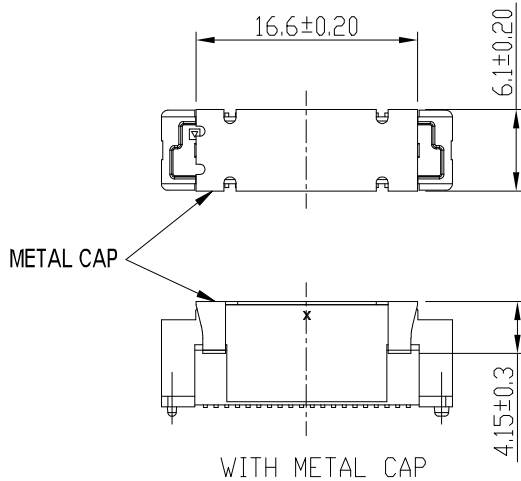
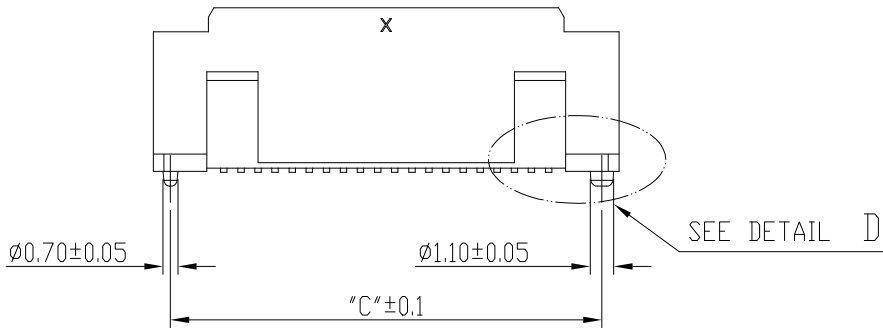
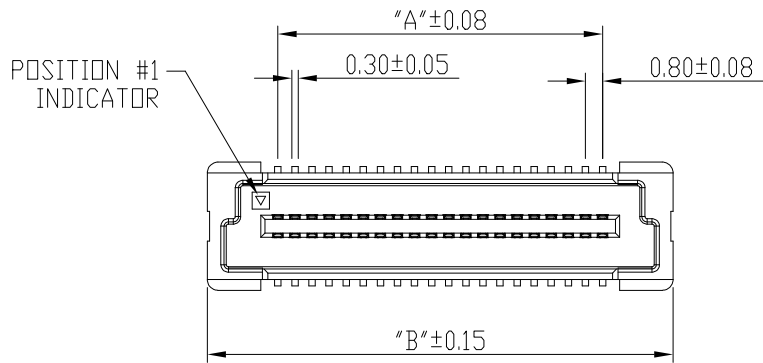
DETAIL C
SCALE 10:1



PLUG 3

mat'l. code				surface		tolerance		projection		product family					
				ISO 1302		ISO 406 ISO 1101				BERGSTAK					
ltr ecn no dr date				tolerances unless otherwise specified				title		PLUG ASSY BERGSTAK 0.8MM					
B				angles		linear		mm							
						.0±.2									
						.00±.15									
				0°±3°		.000±.10		scale 1:1							
				dr		Bob Gu		07/05/17		dwg no		sheet4 of 6		size	
				engr		Bob Gu		07/05/17		Amphenol FCI		10144518		A3	
				chr		LQ Lei		07/05/17							
				appd		Tim Yao		07/05/17				type		Product Customer Drawing	
sheet index		revision sheet		A		B									
				1~6		1~6									

PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10144518-044***	2X20	15.2	21.8	20.2
10144518-064***	2X30	23.2	29.8	28.2
10144518-084***	2X40	31.2	37.8	36.2
10144518-104***	2X50	39.2	45.8	44.2

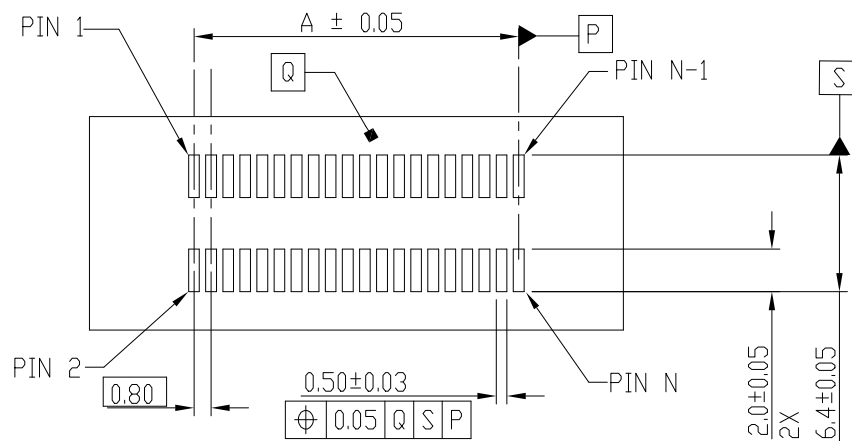


COPLANARITY OF TAIL:
0.10 MAX. APPLIED TO 2X20 TO 2X50 PDS

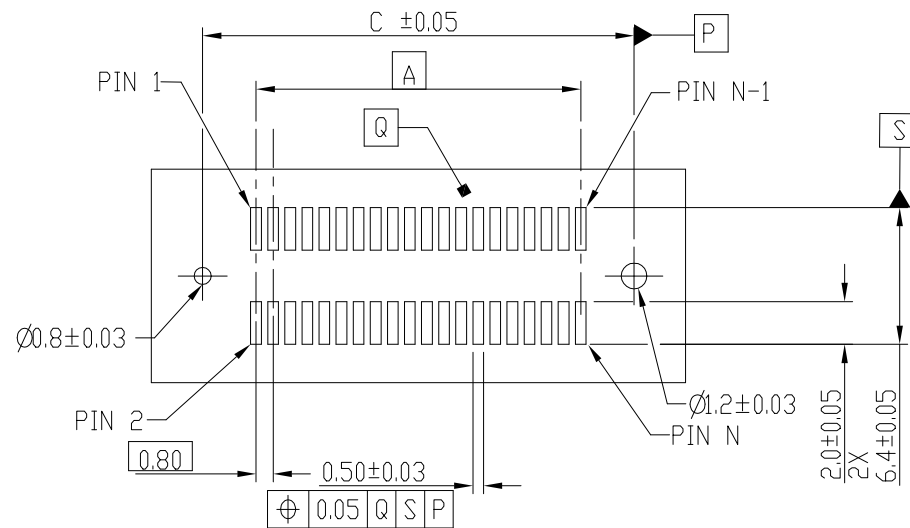
DETAIL D
SCALE 10:1

mat'l. code					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTAK				
ltr		ecn no		dr	date		tolerances unless otherwise specified			title					
B							angles		linear		mm		PLUG ASSY BERGSTAK 0.8MM		
							0°±3°								
											scale 1:1				
dr		Bob Gu		07/05/17					Amphenol FCi		dwg no		sheet5 of 6		size
engr		Bob Gu		07/05/17							10144518				A3
chr		LQ Lei		07/05/17											
appd		Tim Yao		07/05/17											
sheet index		revision sheet		A 1~6	B 1~6							type		Product Customer Drawing	

FOR PLUG 1/2/3/4



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



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

mat'l. code				surface		tolerance		projection		product family			
				ISO 1302		ISO 406 ISO 1101				BERGSTAK			
ltr		ecn no		dr		date		tolerances unless otherwise specified		title			
B										PLUG ASSY			
								mm		BERGSTAK 0.8MM			
						angles		linear					
						0°±3°							
										scale 1:1			
						dr		Bob Gu		07/05/17		dwg no	
						engr		Bob Gu		07/05/17		sheet6 of 6	
						chr		LQ Lei		07/05/17		size	
						appd		Tim Yao		07/05/17		A3	
												type	
												Product Customer Drawing	
sheet index		revision		A		B							
		sheet		1~6		1~6							