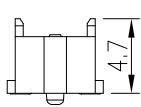
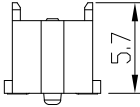
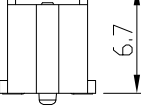
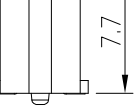


10144518- AA B C D E FF

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			

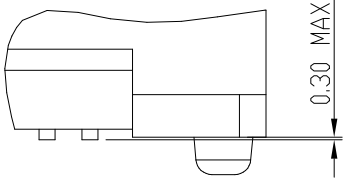
C	PLATING	FF
8	GOLD FLASH ON CONTACT AREA ; PURE MATT TIN 2.5um MIN ON SOLDER TAIL; NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF

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.

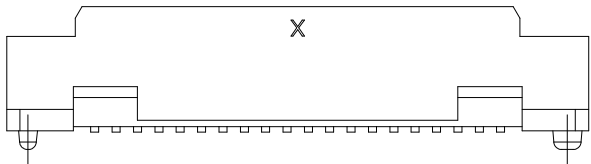
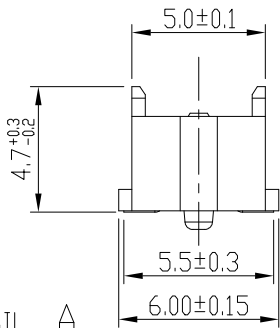
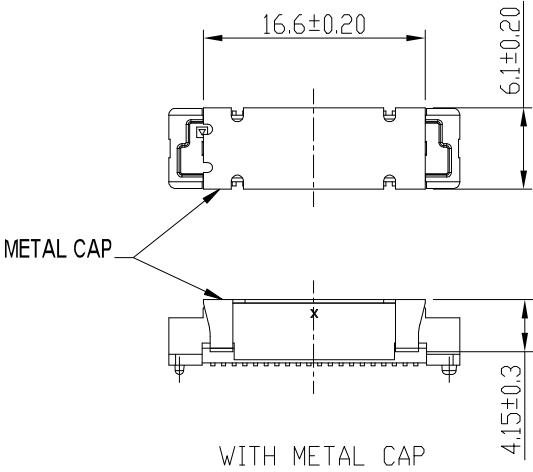
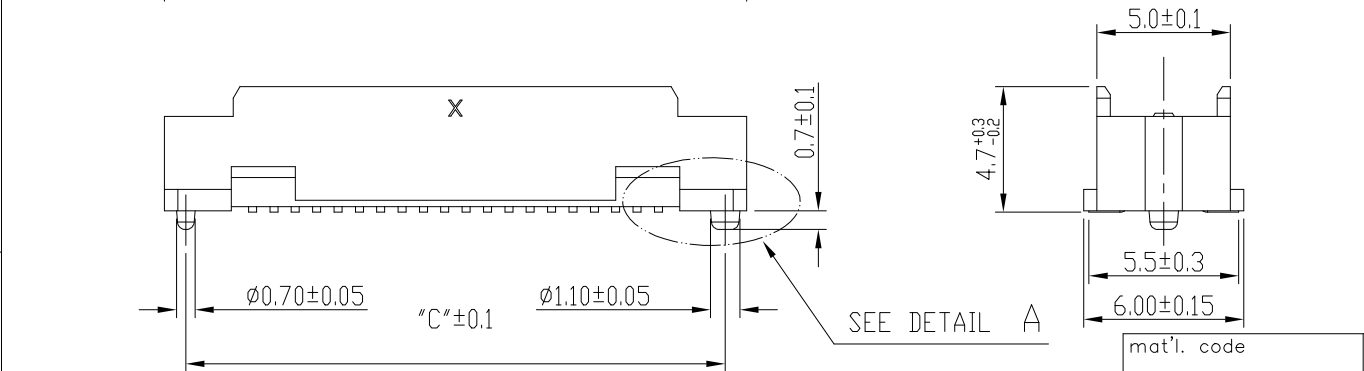
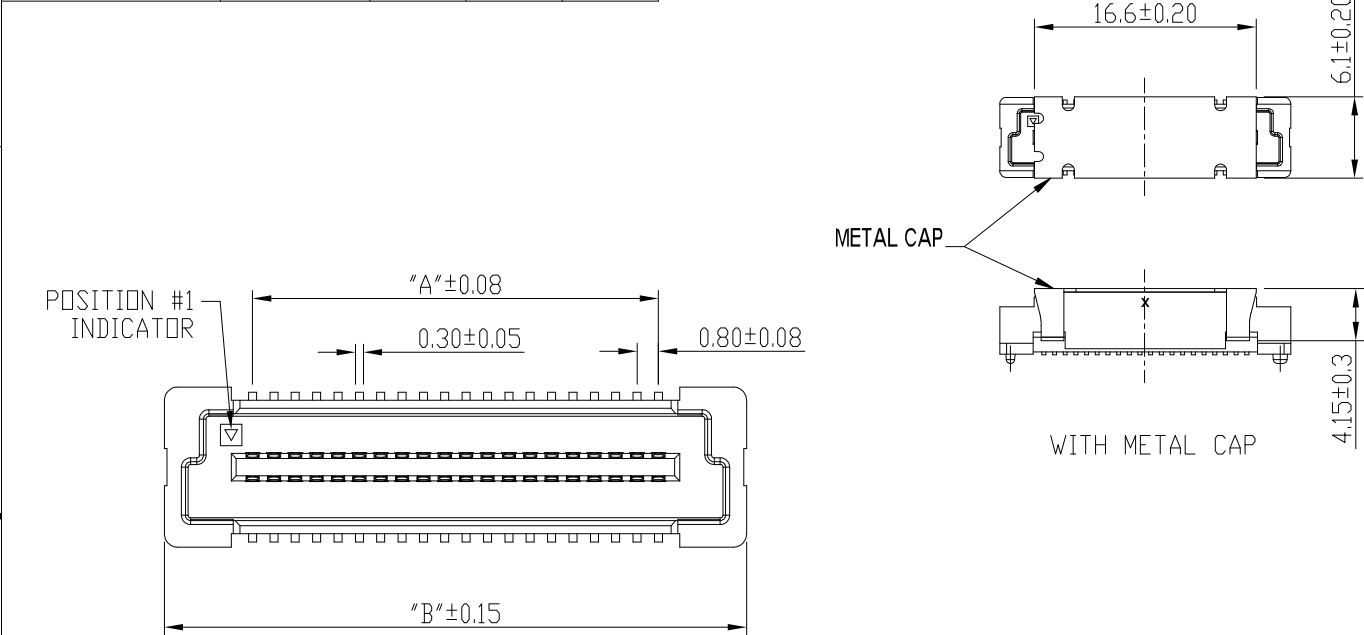
mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 1101	product family BERGSTAK
ltr	ecn no	dr	date	tolerances unless otherwise specified	angles	linear	title
A		Bob	07/05/16		0°±3°		PLUG ASSY
B	ELX-N-28149	Bob	10/13/17				BERGSTAK 0.8MM
				dr	Bob Gu	07/05/17	dwg no
				engr	Bob Gu	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

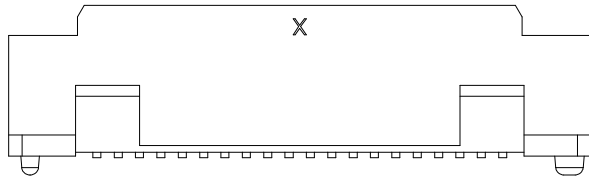
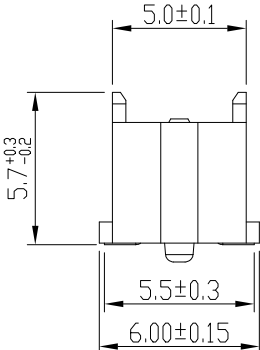
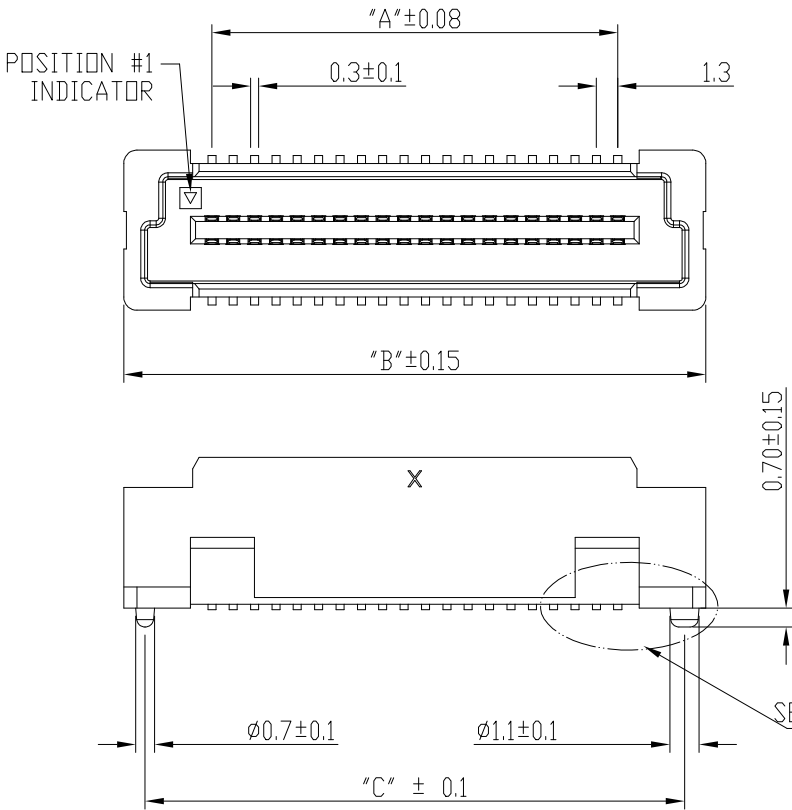
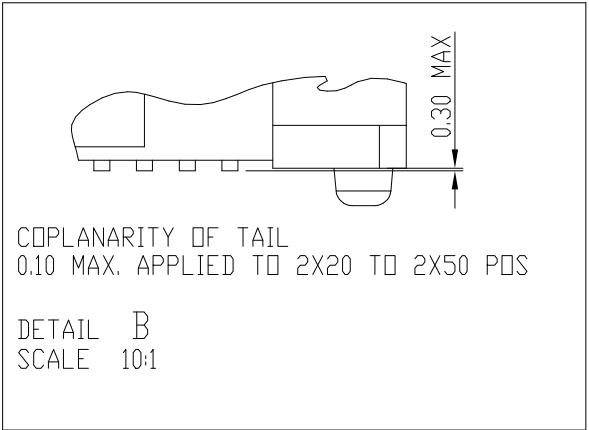
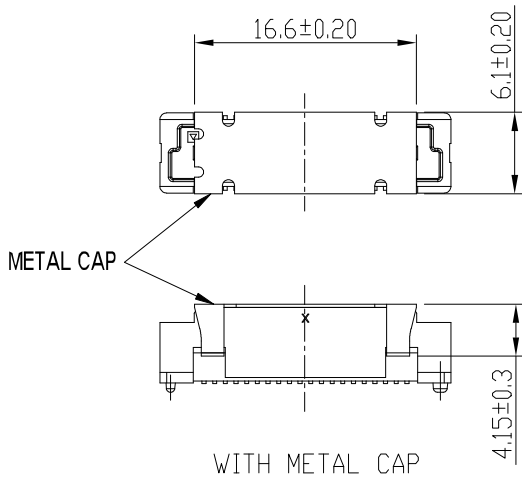
DETAIL A
SCALE 10:1



PLUG 1

mat'l. code				surface ISO 1302 ✓			tolerance ISO 406 ISO 1101			projection 		product family BERGSTAK											
ltr ecn no dr date				tolerances unless otherwise specified									title										
B				angles			linear			.0±.2			PLUG ASSY BERGSTAK 0.8MM										
										mm 													
				0°±3°						.00±.15													
										.000±.10			scale 1:1										
				dr			Bob Gu			07/05/17			Amphenol FCi		dwg no			sheet2 of 6			size		
				engr			Bob Gu			07/05/17					10144518			A3					
				chr			LQ Lei			07/05/17													
				appd			Tim Yao			07/05/17					type			Product			Customer Drawing		
sheet index		revision sheet		A 1~6		B 1~6																	

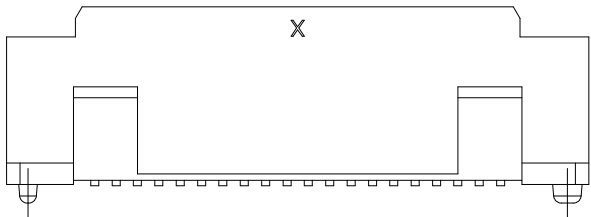
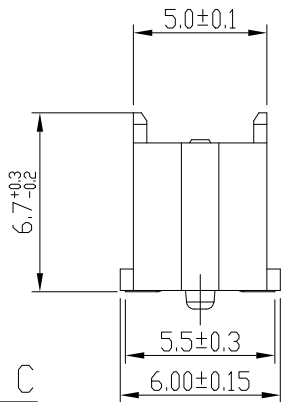
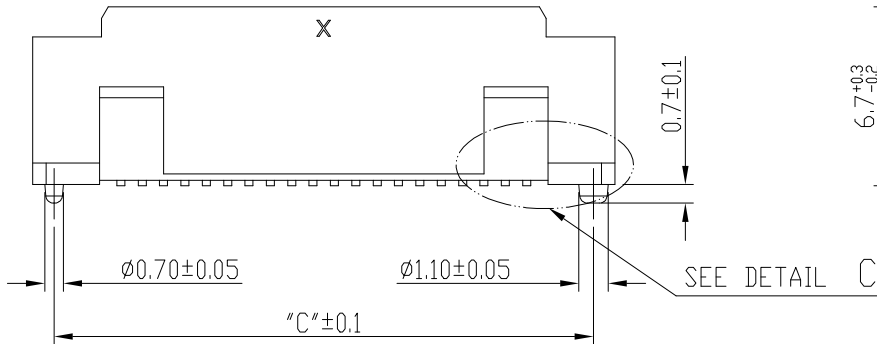
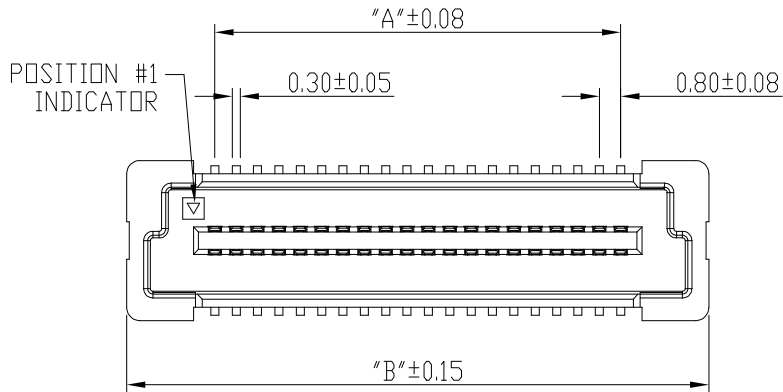
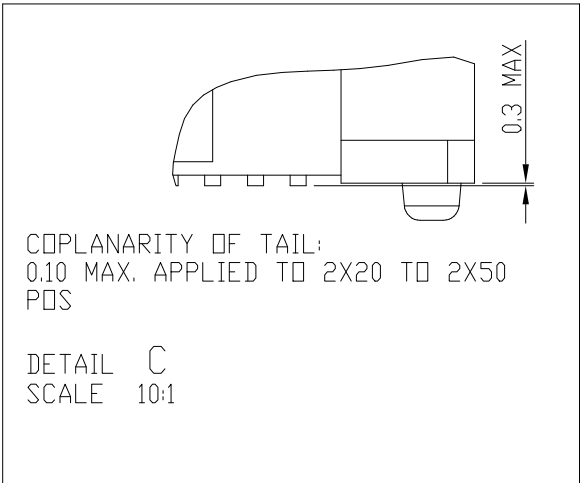
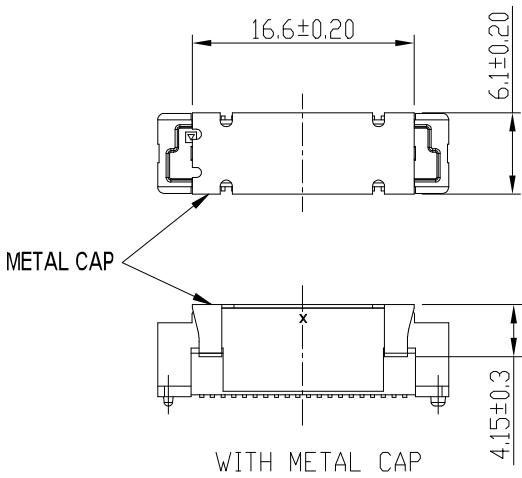
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10144518-042***	2X20	15.2	21.8	20.2
10144518-062***	2X30	23.2	29.8	28.2
10144518-082***	2X40	31.2	37.8	36.2
10144518-102***	2X50	39.2	45.8	44.2



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	title PLUG ASSY BERGSTAK 0.8MM			
B				angles	linear	mm	dwg no 10144518			
				0°±3'		scale 1:1	sheet3 of 6 size A3			
				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	type Product Customer Drawing			
sheet index	revision sheet	A	B	1~6	1~6					

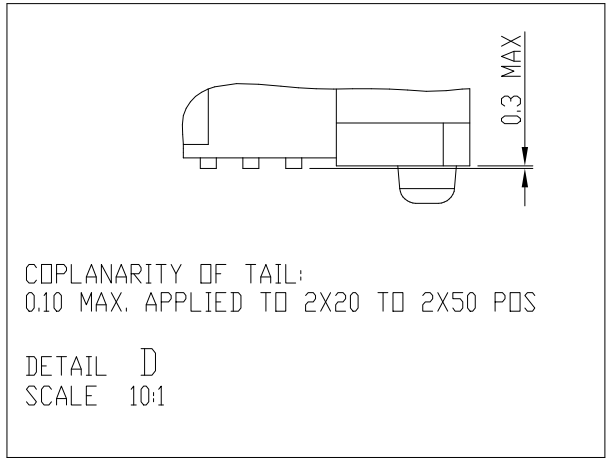
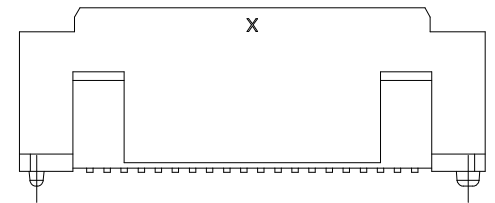
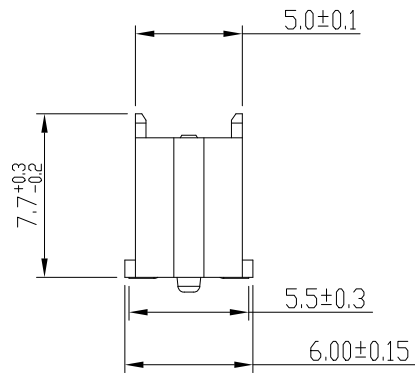
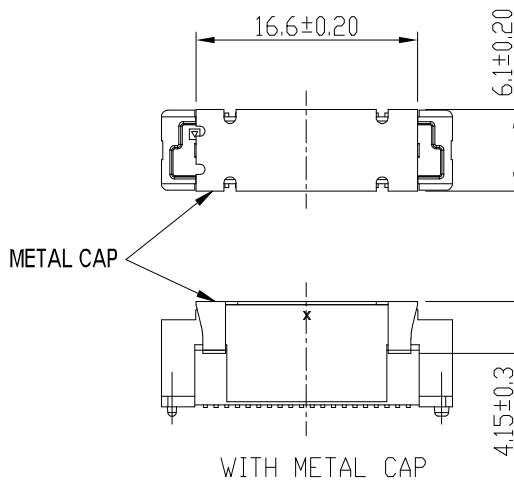
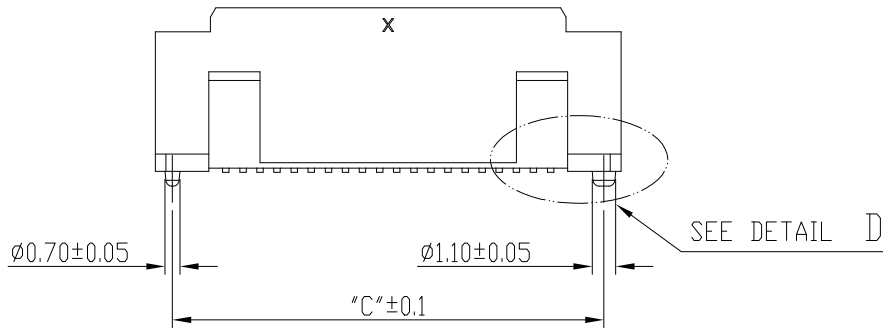
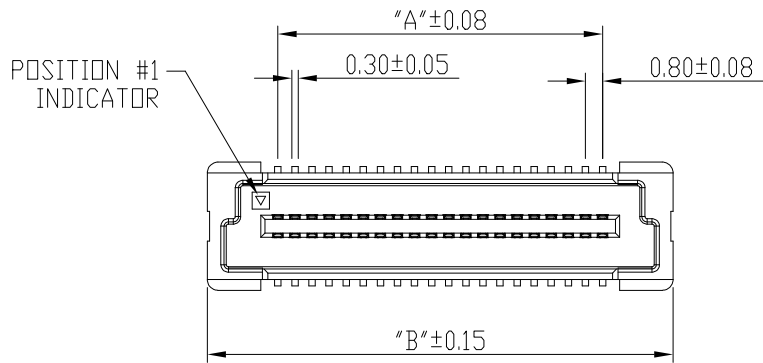
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10144518-043***	2X20	15.2	21.8	20.2
10144518-063***	2X30	23.2	29.8	28.2
10144518-083***	2X40	31.2	37.8	36.2
10144518-103***	2X50	39.2	45.8	44.2



PLUG 3

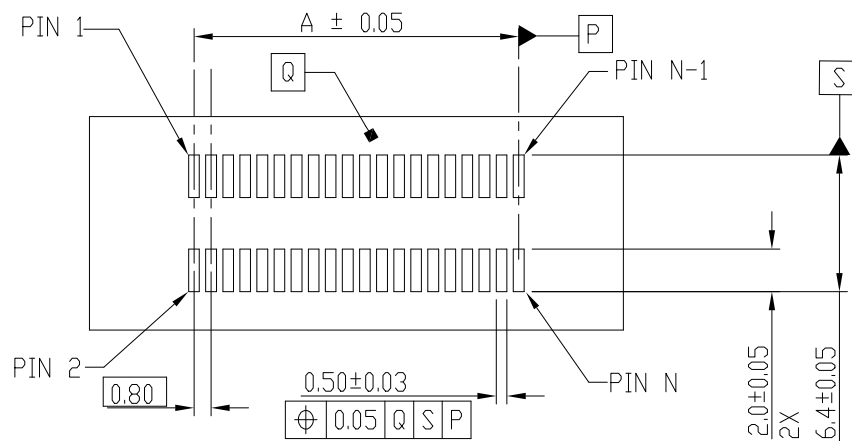
mat'l. code					surface		ISO 1302 ✓	tolerance		ISO 406	ISO 1101	projection		product family						
ltr					ecn no		dr	date		tolerances unless otherwise			specified		BERGSTAK					
B								angles		linear		.0±.2		mm		title				
								0°±3°				.00±.15		scale 1:1		PLUG ASSY				
												.000±.10				BERGSTAK 0.8MM				
								dr		Bob Gu		07/05/17		Amphenol FCi		dwg no		sheet4 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	B												type		Product Customer Drawing	
				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

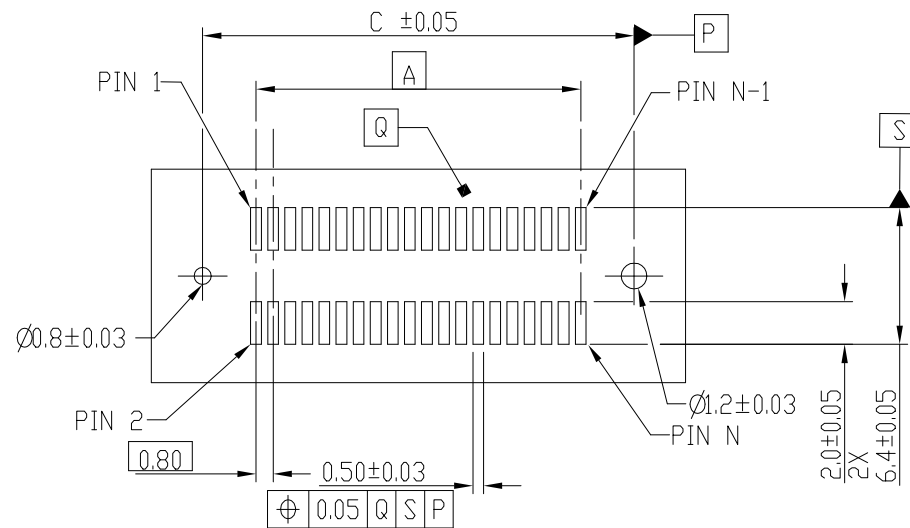


mat'l. code				surface	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family
ltr				ecn no	dr	date	tolerances unless otherwise specified	linear	mm	BERGSTAK
B							angles	linear	mm	title
							0°±3°	linear	mm	PLUG ASSY
								linear	mm	BERGSTAK 0.8MM
								linear	mm	dwg no
								linear	mm	sheet 5 of 6
								linear	mm	size
								linear	mm	A3
								linear	mm	type
								linear	mm	Product Customer Drawing
sheet index				revision	A	B				
				sheet	1~6	1~6				

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