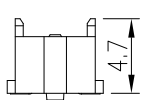
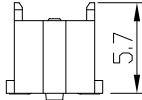
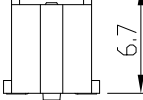
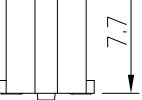


10144518- AA B C D E FF

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			

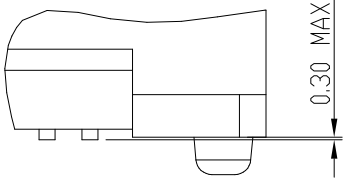
C	PLATING	FF
8	GOLD FLASH ON CONTACT AREA ; PURE MATT TIN 2.5um MIN ON SOLDER TAIL; NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF

NOTE:

1. MATERIAL:
HOUSING: G.F. LCP, NATURAL, UL94-V0
TERMINAL: COPPER ALLOY
2. PLATING: AS SHOWN IN TABLE.
3. SEE GS-12-1424 FOR PRODUCT SPEC.
4. THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
5. THE HOUSING WILL WITHSTAND EXPOSURE UP TO 260~ PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

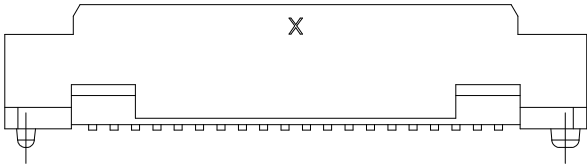
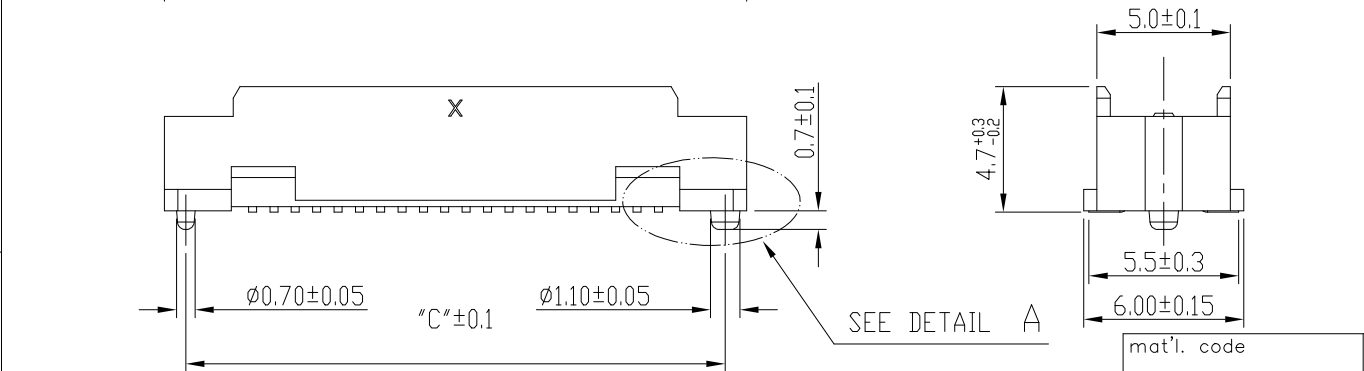
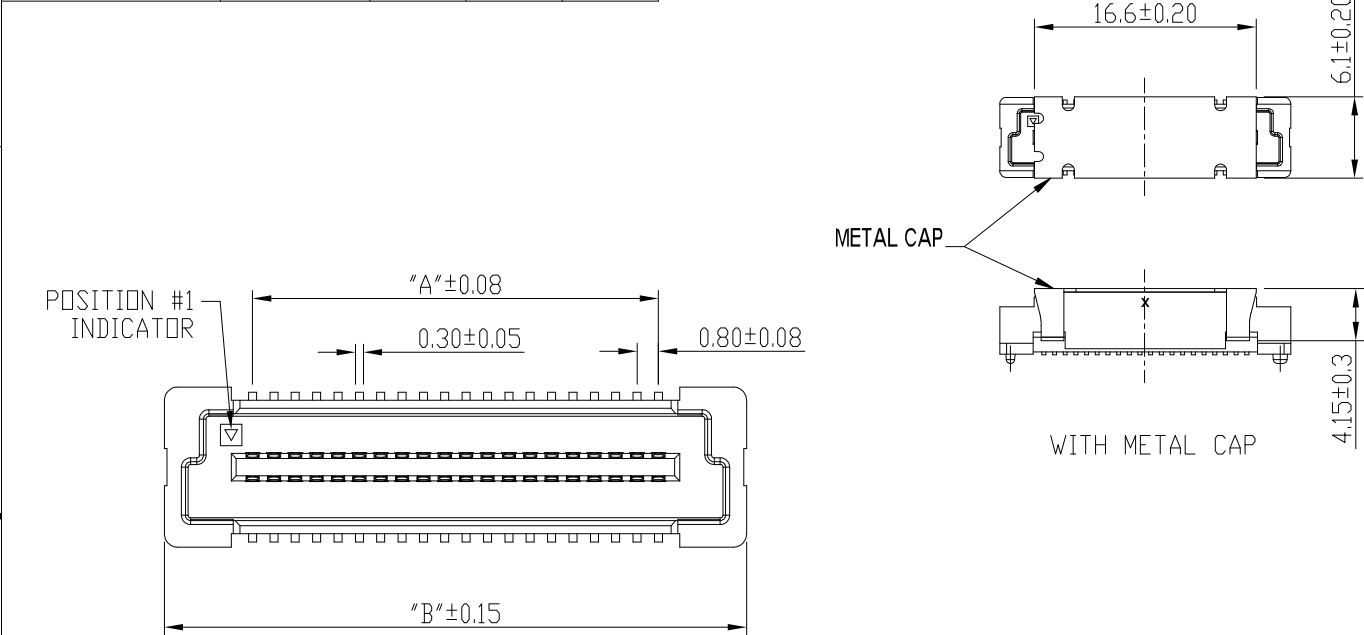
mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 1101	product family BERGSTAK
ltr	ecn no	dr	date	tolerances unless otherwise specified	angles	linear	title
A		Bob	07/05/16		0°±3°		PLUG ASSY
B	ELX-N-28149	Bob	10/13/17				BERGSTAK 0.8MM
				dr	Bob Gu	07/05/17	dwg no
				engr	Bob Gu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

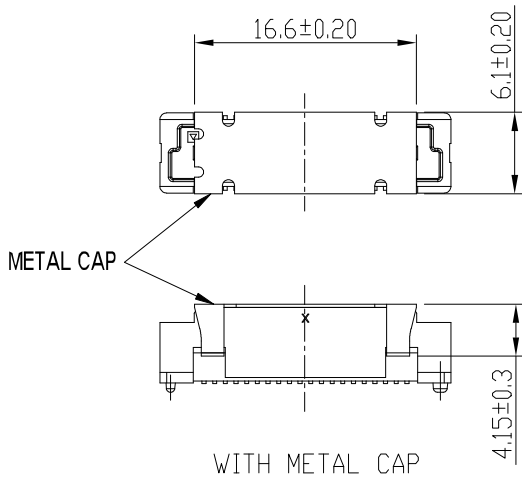
DETAIL A
SCALE 10:1



PLUG 1

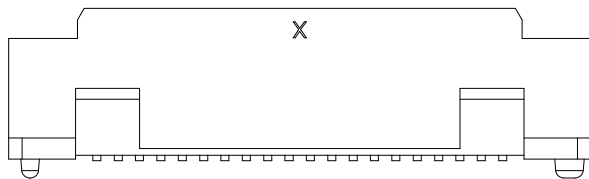
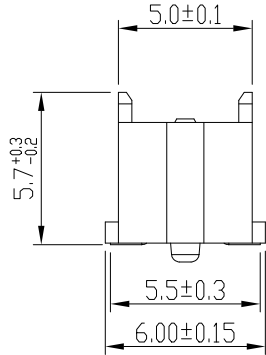
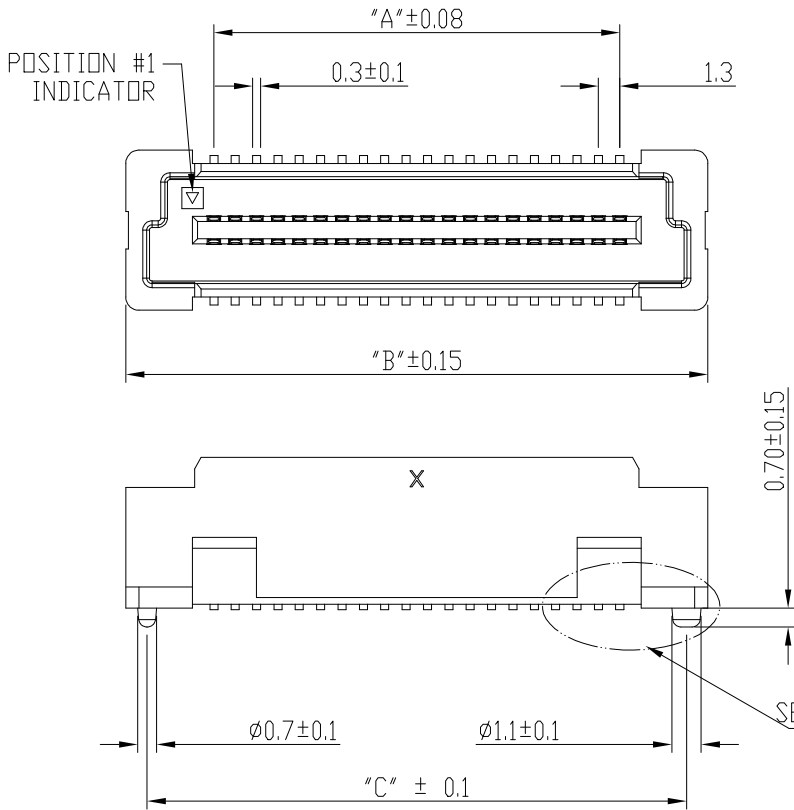
mat'l. code				surface	ISO 1302	✓	tolerance	ISO 406	ISO 1101	projection	product family				
ltr				ecn no	dr	date	tolerances unless otherwise specified				BERGSTAK				
B							angles	linear	.0±.2	mm	title				
							0°±3°		.00±.15	scale 1:1	PLUG ASSY				
									.000±.10		BERGSTAK 0.8MM				
							dr	Bob Gu	07/05/17		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			A	B										
	sheet	1~6			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



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

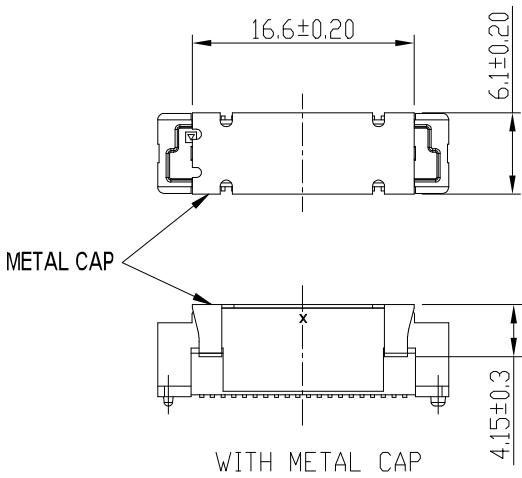
DETAIL B
SCALE 10:1

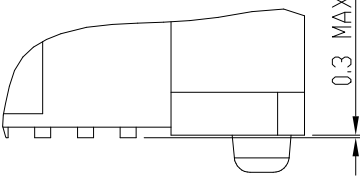


PLUG 2

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTAK				
ltr	ecn	no	dr	date	tolerances unless otherwise specified			title		PLUG ASSY BERGSTAK 0.8MM				
B					angles	linear	.0±.2 .00±.15 0°±3'		mm ←————→					
							.000±.10		scale 1:1					
					dr	Bob Gu	07/05/17		dwg no					sheet3 of 6
					enr	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 1~6	B 1~6									

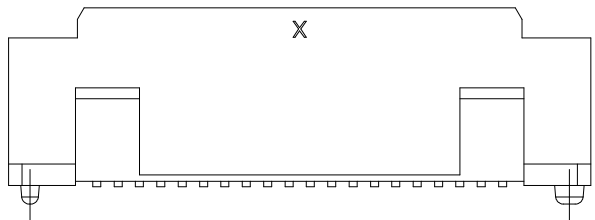
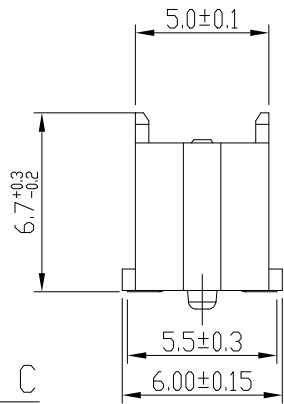
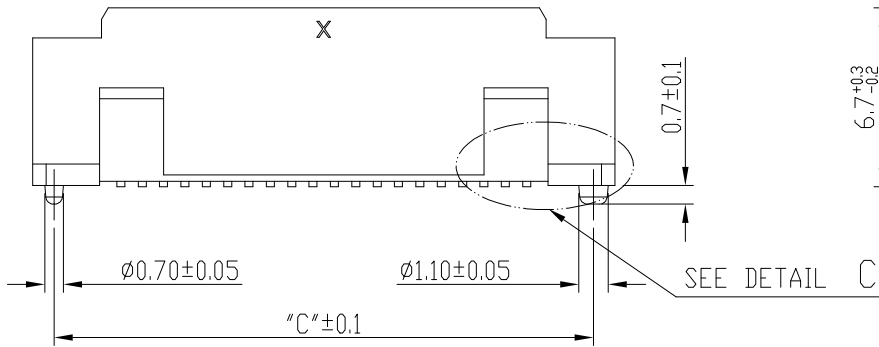
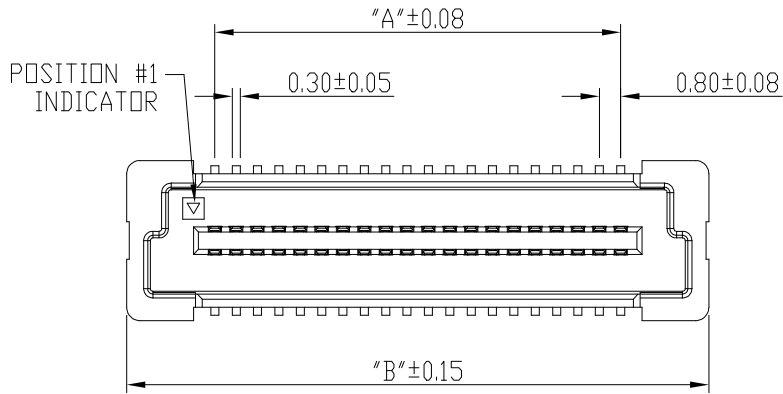
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10144518-043***	2X20	15.2	21.8	20.2
10144518-063***	2X30	23.2	29.8	28.2
10144518-083***	2X40	31.2	37.8	36.2
10144518-103***	2X50	39.2	45.8	44.2





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

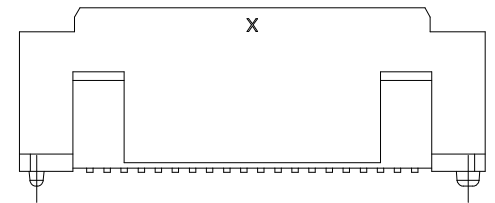
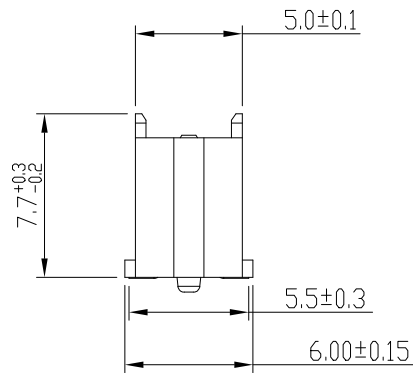
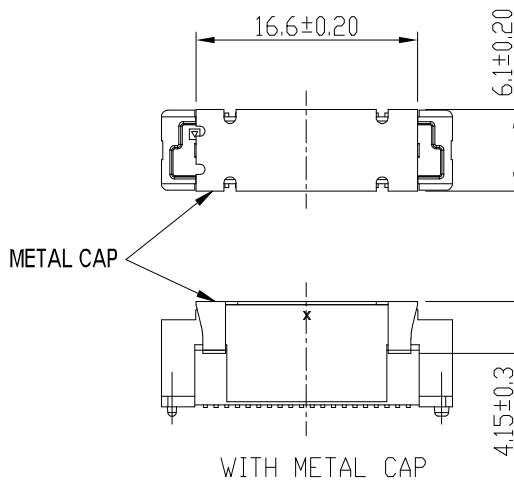
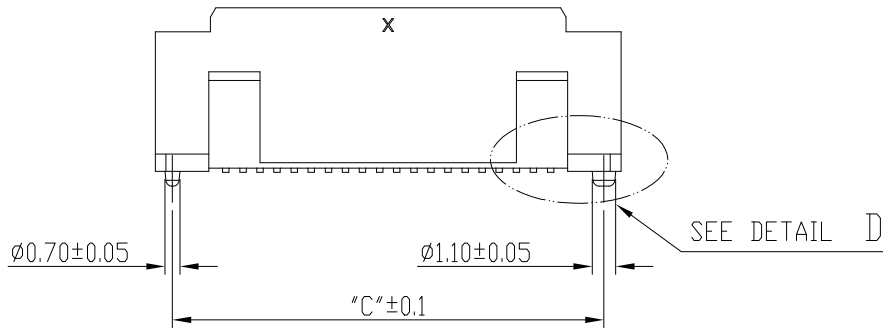
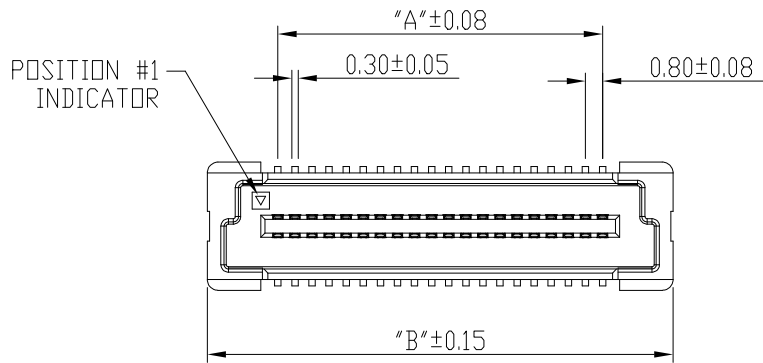
DETAIL C
SCALE 10:1



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			
B									.0±.2			PLUG ASSY			
									.00±.15			BERGSTAK 0.8MM			
									.000±.10						
									0°±3'			scale 1:1			
						dr	Bob Gu		07/05/17		dwg no				
						engr	Bob Gu		07/05/17		sheet4 of 6				
						chr	LQ Lei		07/05/17		size				
						appd	Tim Yao		07/05/17		10144518				
											A3				
											type				
											Product Customer Drawing				
sheet index		revision		A	B										
		sheet		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

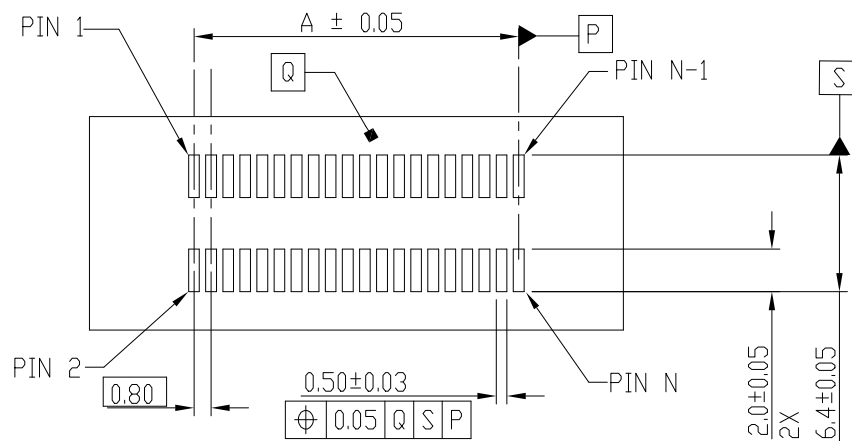


COPLANARITY OF TAIL:
0.10 MAX. APPLIED TO 2X20 TO 2X50 PDS

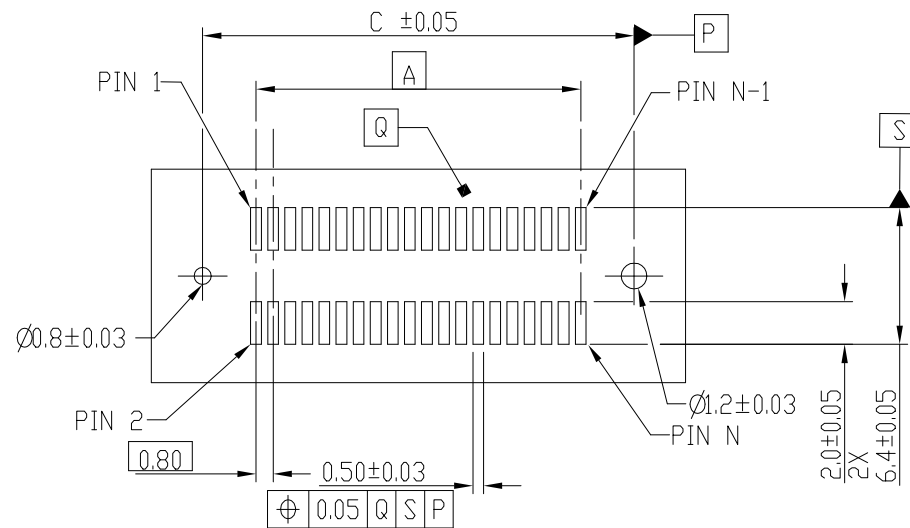
DETAIL D
SCALE 10:1

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