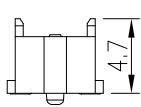
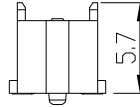
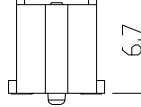
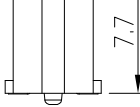


10144518- AA B C D E FF

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

E	PACKAGING
2	T&R WITH METAL CAP
3	T&R WITHOUT CAP

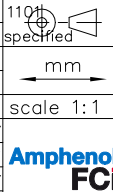
D	FEATURE	HOLD DOWN
0	YES	NO
2	NO	NO

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

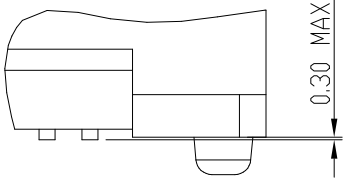
C	PLATING	FF
8	GOLD FLASH ON CONTACT AREA ; PURE MATT TIN 2.5um MIN ON SOLDER TAIL; NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF

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.

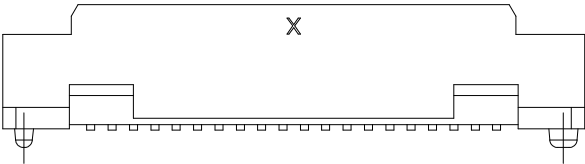
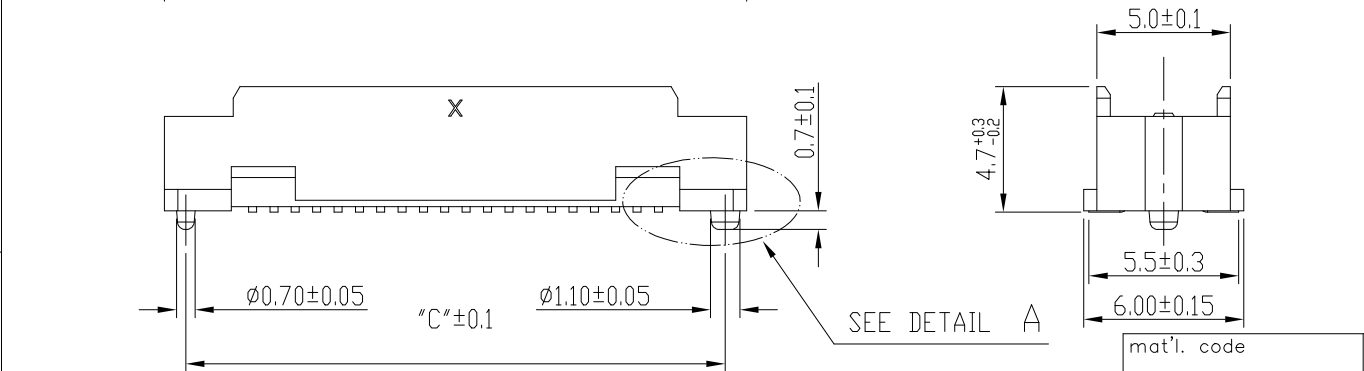
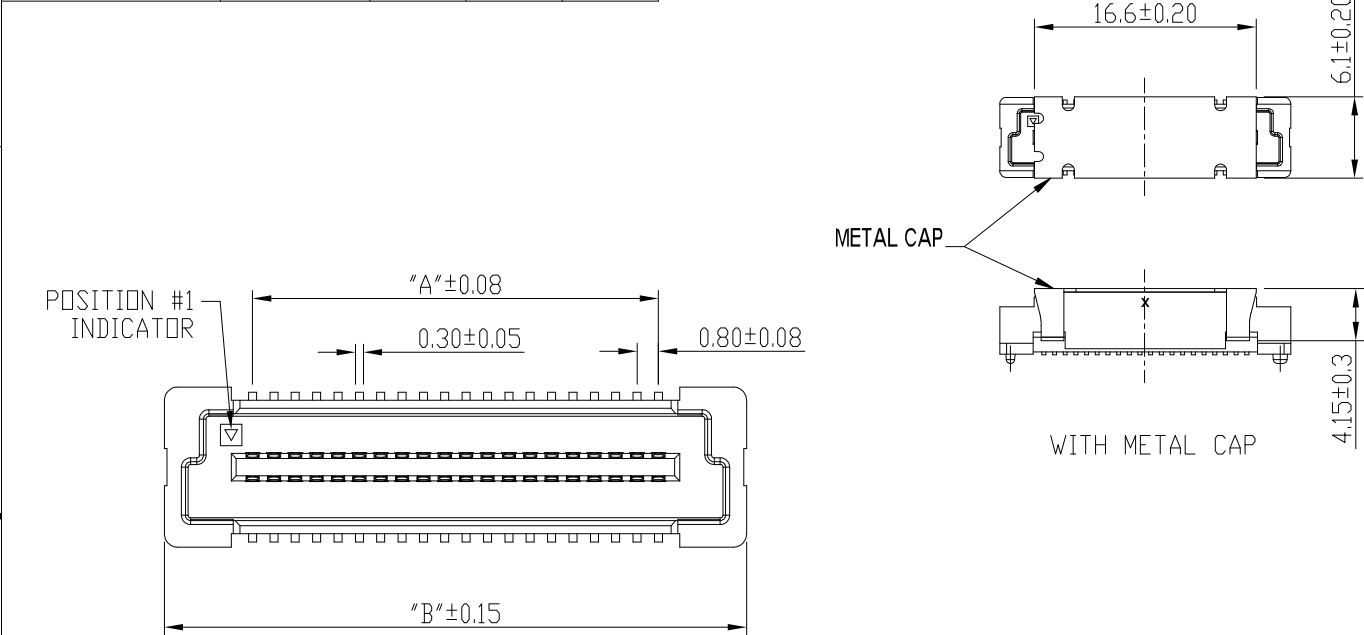
mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 1101	product family BERGSTAK
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title
A		Bob	07/05/16	angles	.0±.2		PLUG ASSY BERGSTAK 0.8MM
B	ELX-N-28149	Bob	10/13/17	linear	.00±.15		
				0°±3°	.000±.10		
				dr	Bob Gu	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

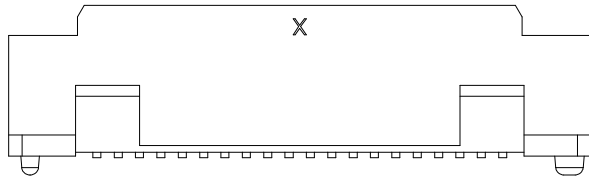
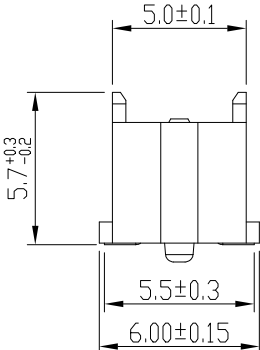
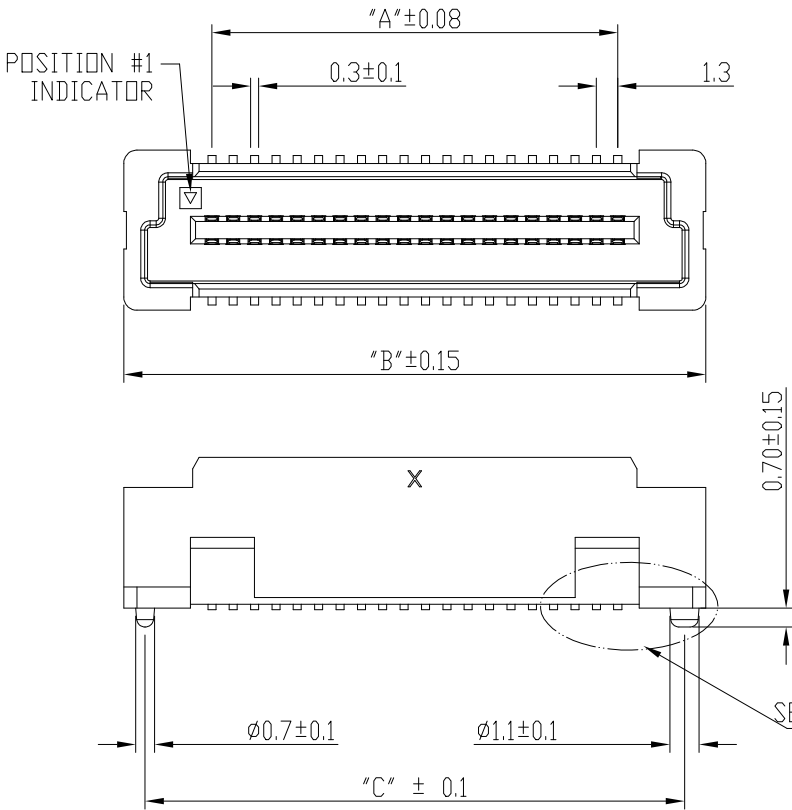
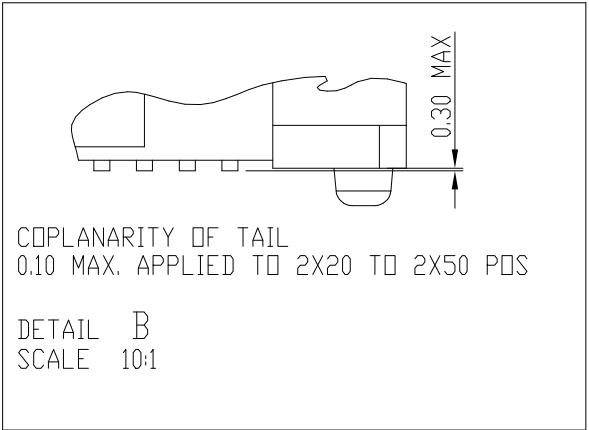
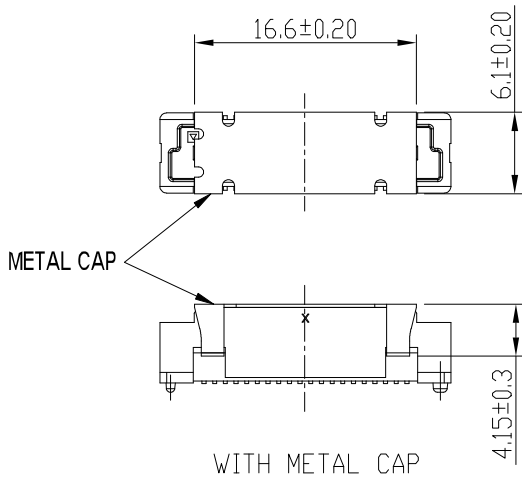
DETAIL A
SCALE 10:1



PLUG 1

mat'l. code				surface		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											
												.00±.15				BERGSTAK 0.8MM											
								0°±3°				.000±.10		scale 1:1													
								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																					

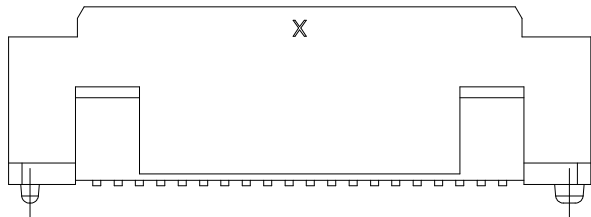
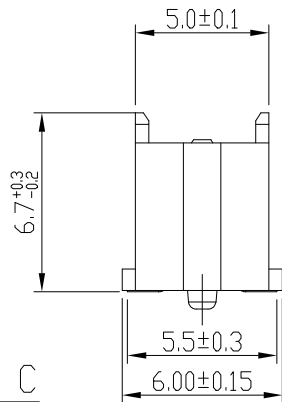
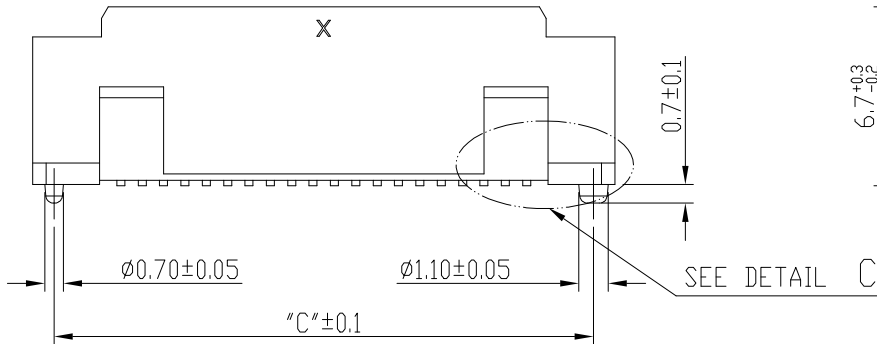
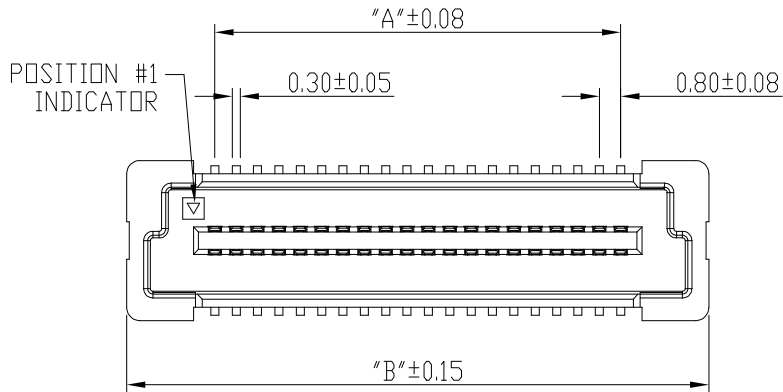
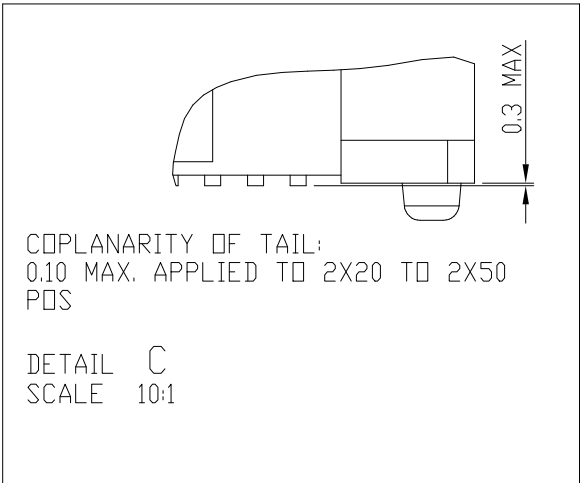
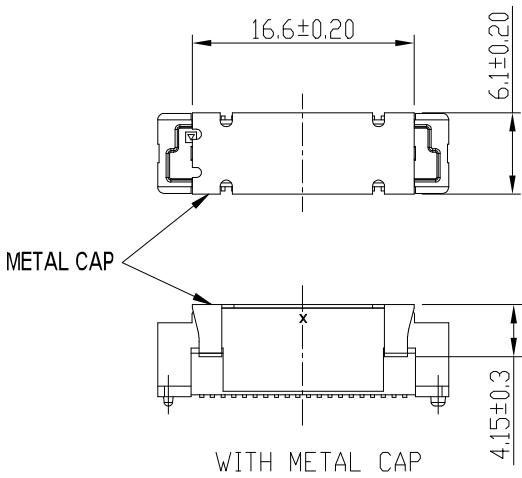
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10144518-042***	2X20	15.2	21.8	20.2
10144518-062***	2X30	23.2	29.8	28.2
10144518-082***	2X40	31.2	37.8	36.2
10144518-102***	2X50	39.2	45.8	44.2



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	linear	mm	title PLUG ASSY BERGSTAK 0.8MM
B				angles 0°±3'		scale 1:1	dwg no 10144518
				dr	Bob Gu	07/05/17	sheet3 of 6
				enr	Bob Gu	07/05/17	size 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



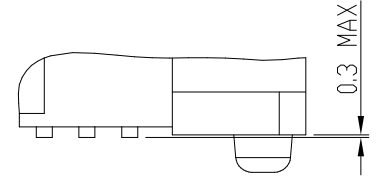
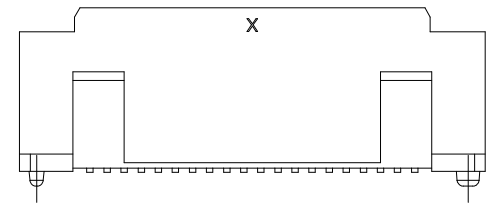
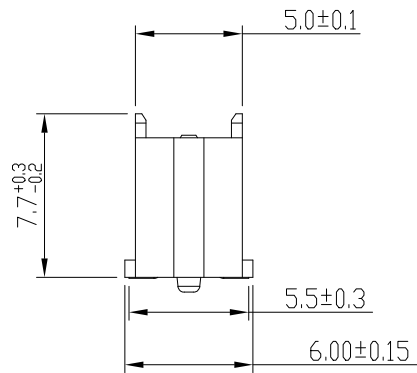
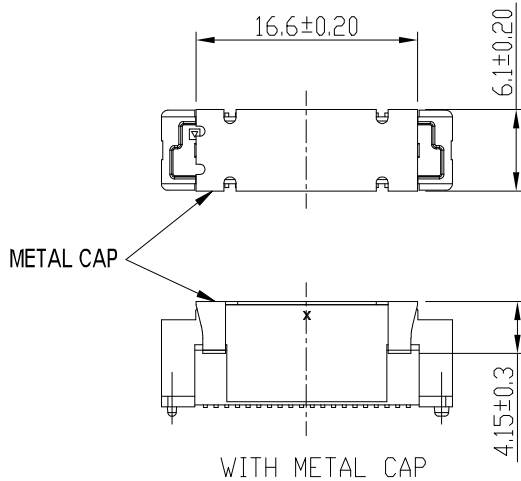
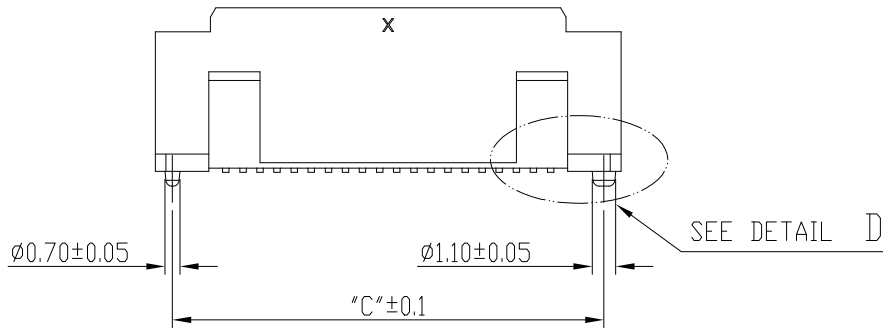
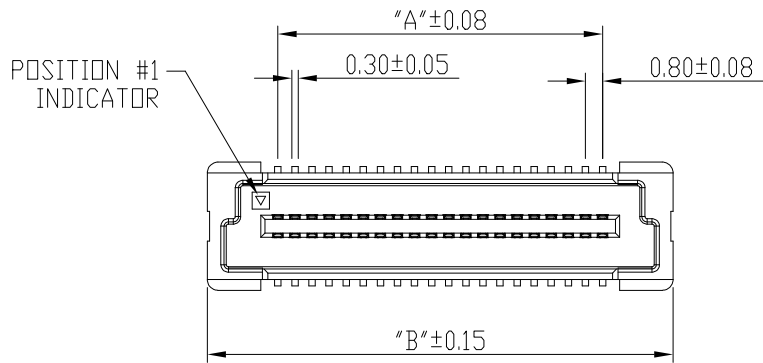
PLUG 3

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							angles		linear		mm		PLUG ASSY				
													BERGSTAK 0.8MM				
							0°±3°						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												

Amphenol
FCI

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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

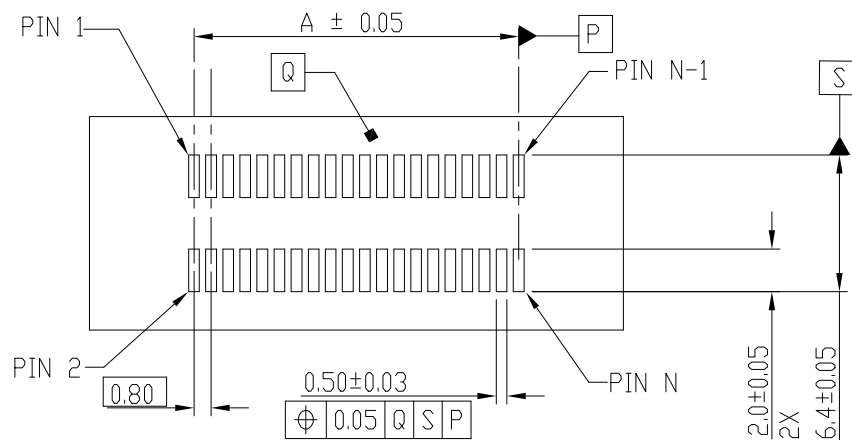
DETAIL D
SCALE 10:1

SEE DETAIL DD

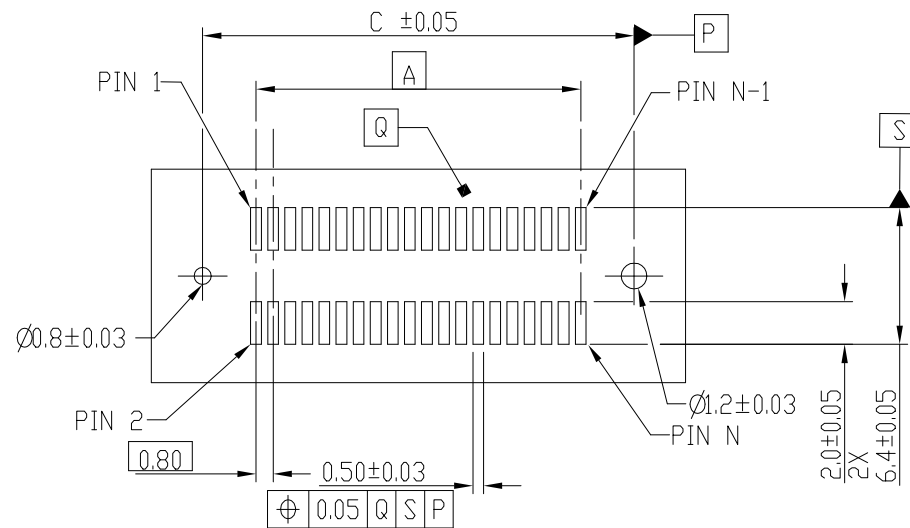
PLUG 4

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	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	tolerance	projection	product family			
				ISO 1302 ✓	ISO 406 ISO 1101	ISO 1101	BERGSTAK			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title			
B				angles	linear	mm	PLUG ASSY			
				0°±3°		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	10144518			
sheet index				revision	A	B	type			
				sheet	1~6	1~6	Product Customer Drawing			