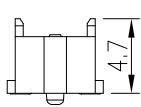
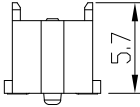
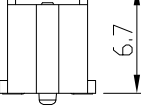
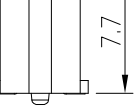


10144518- AA B C D E FF

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			

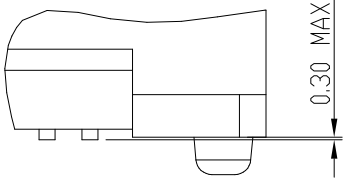
C	PLATING	FF
8	GOLD FLASH ON CONTACT AREA ; PURE MATT TIN 2.5um MIN ON SOLDER TAIL; NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF

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.

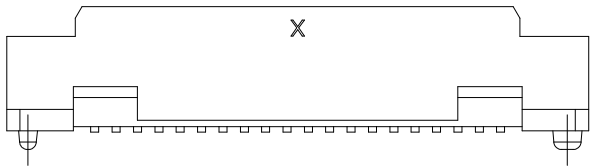
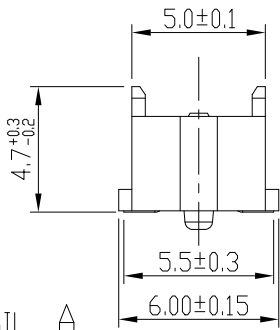
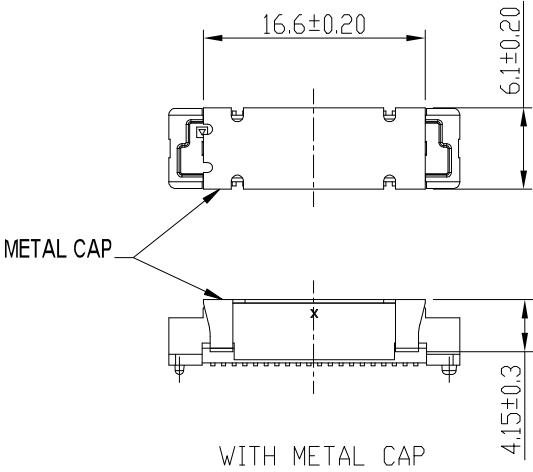
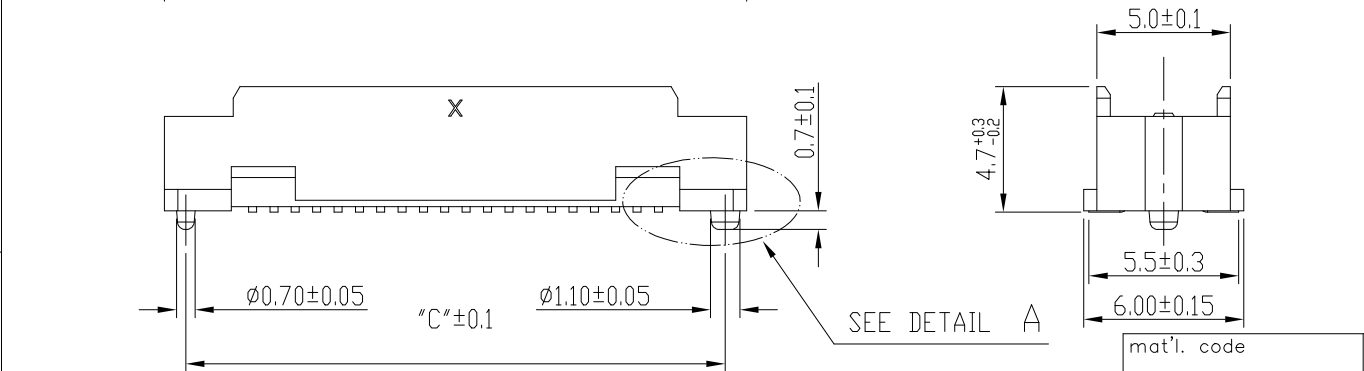
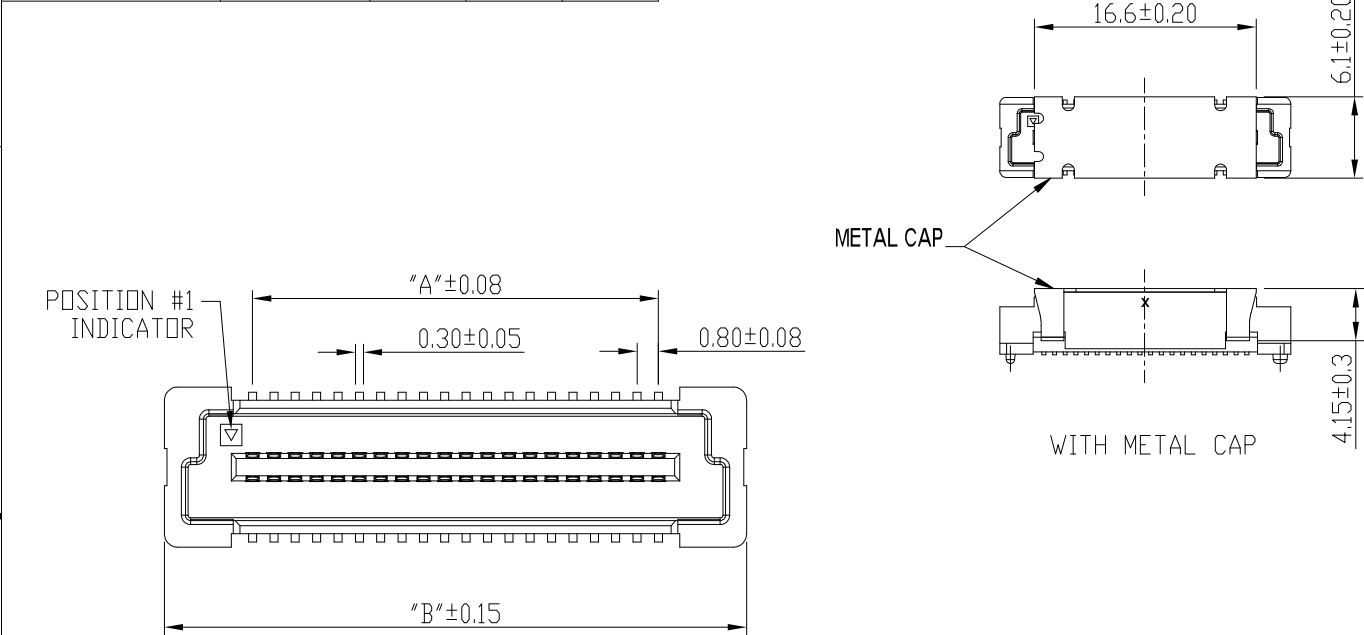
mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 1101	product family BERGSTAK
ltr	ecn no	dr	date	tolerances unless otherwise specified	angles	linear	title
A		Bob	07/05/16		0°±3°		PLUG ASSY
B	ELX-N-28149	Bob	10/13/17				BERGSTAK 0.8MM
				dr	Bob Gu	07/05/17	dwg no
				engr	Bob Gu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

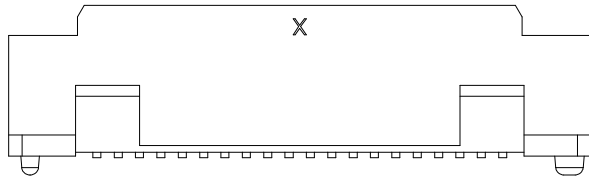
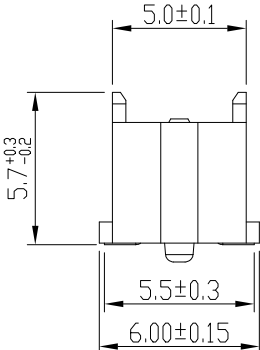
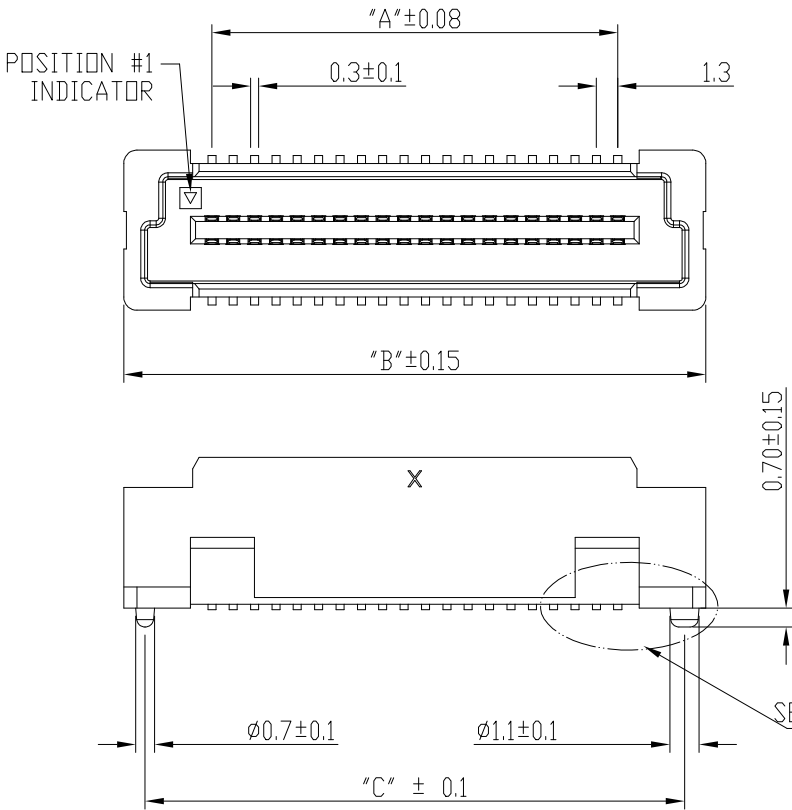
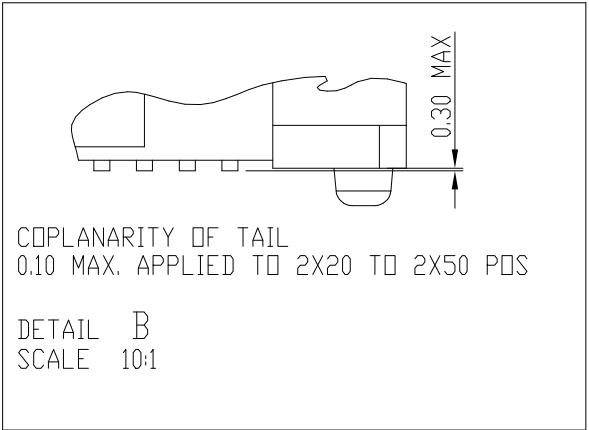
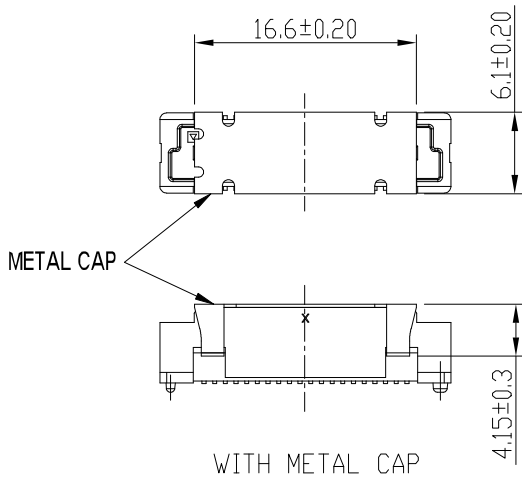
DETAIL A
SCALE 10:1



PLUG 1

mat'l. code				surface	ISO 1302	✓	tolerance	ISO 406	ISO 1101	projection	product family
ltr				ecn no	dr	date	tolerances unless otherwise specified				BERGSTAK
B							angles			mm	title
							linear				PLUG ASSY
							0°±3°			scale 1:1	BERGSTAK 0.8MM
							dr	Bob Gu	07/05/17		dwg no
							engr	Bob Gu	07/05/17		sheet2 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

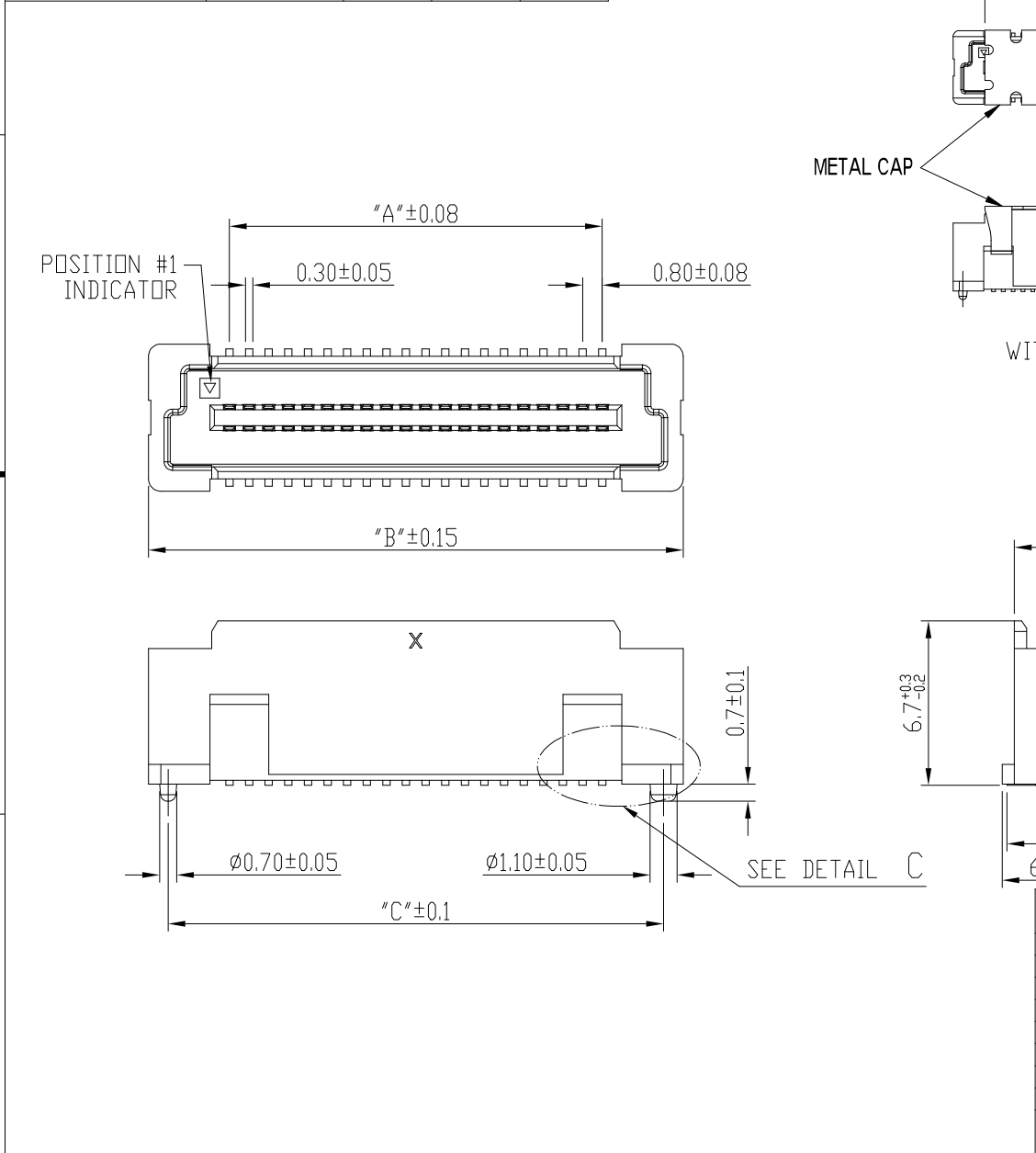
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10144518-042***	2X20	15.2	21.8	20.2
10144518-062***	2X30	23.2	29.8	28.2
10144518-082***	2X40	31.2	37.8	36.2
10144518-102***	2X50	39.2	45.8	44.2

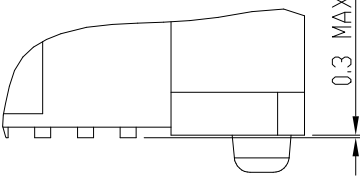


PLUG 2

mat'l. code				surface	ISO 1302	✓	tolerance	ISO 406	ISO 1101	projection	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		sheet3 of 6	size
							enr	Bob Gu	07/05/17		10144518			A3
							chr	LQ Lei	07/05/17		type		Product Customer Drawing	
							appd	Tim Yao	07/05/17					
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



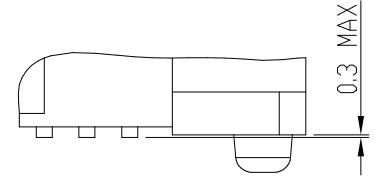
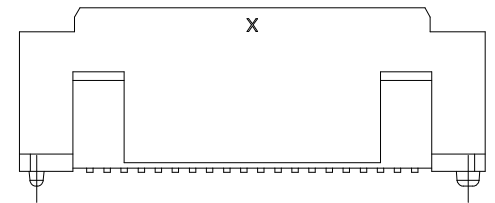
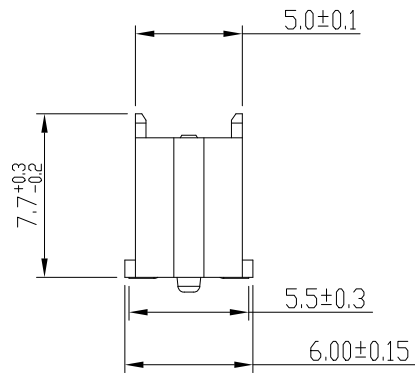
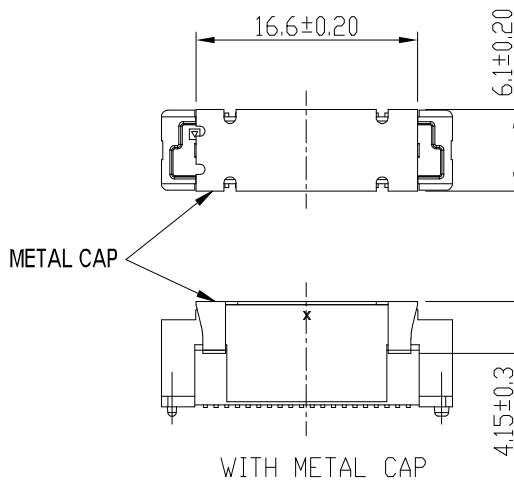
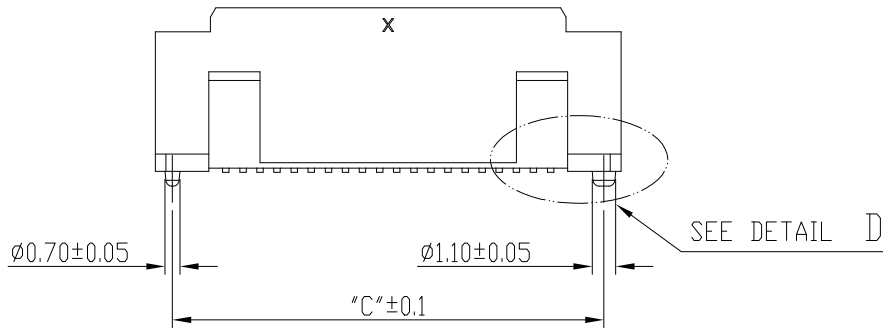
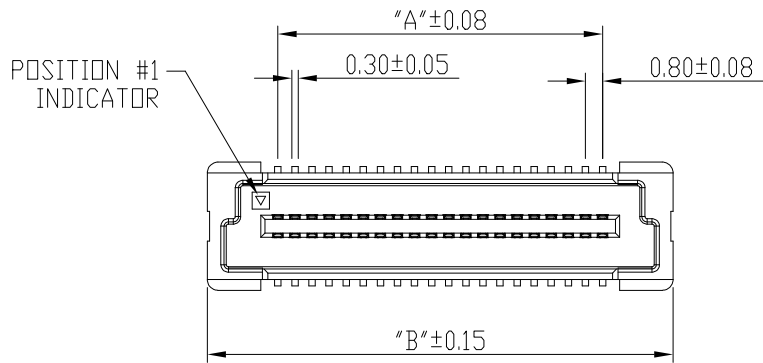


COPLANARITY OF TAIL:
0.10 MAX. APPLIED TO 2X20 TO 2X50 PDS

DETAIL C
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	PLUG ASSY			
B				angles	linear	.0±.2				mm		BERGSTAK 0.8MM			
				0°±3°		.00±.15				scale 1:1		dwg no	sheet4 of 6	size	
				dr	Bob Gu	07/05/17						10144518		A3	
				engr	Bob Gu	07/05/17									
				chr	LQ Lei	07/05/17									
				appd	Tim Yao	07/05/17									
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

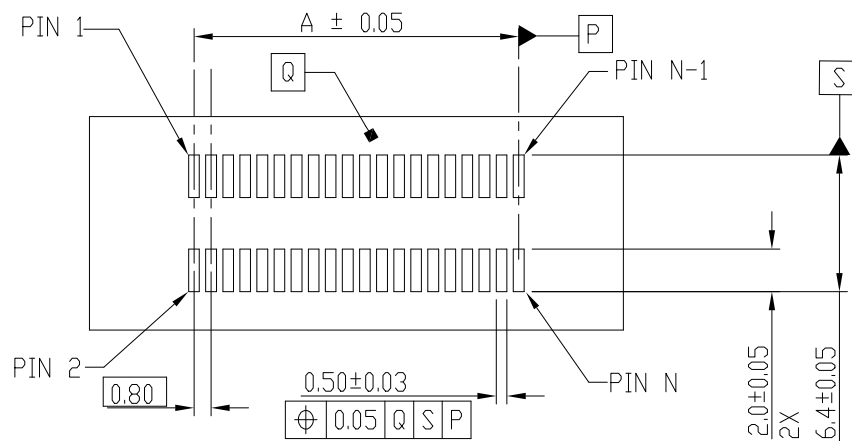
DETAIL D
SCALE 10:1

SEE DETAIL DD

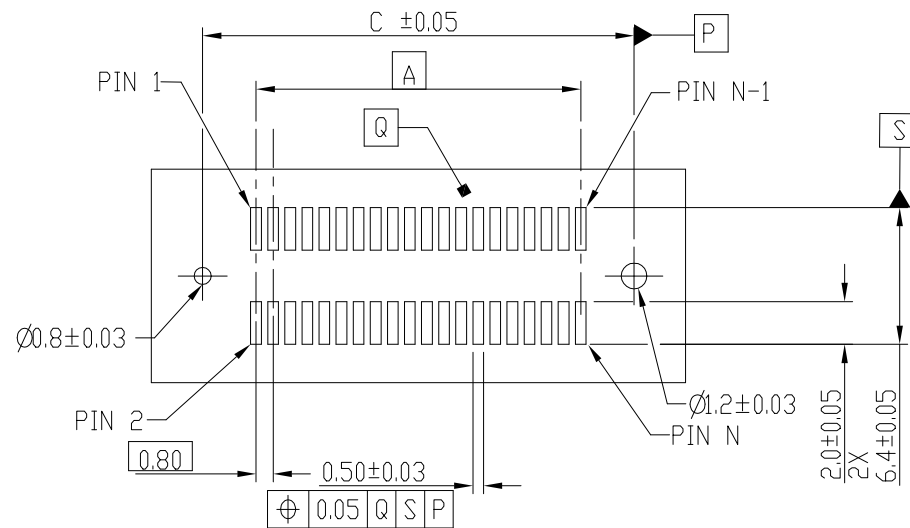
PLUG 4

mat'l. code				surface	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family
										BERGSTAK
ltr	ecn no	dr	date	tolerances unless otherwise specified			linear			title
B				angles			.0±.2			PLUG ASSY
				linear			.00±.15			BERGSTAK 0.8MM
				0°±3°			.000±.10		scale 1:1	dwg no
				dr	Bob Gu	07/05/17				sheet 5 of 6
				engr	Bob Gu	07/05/17				size
				chr	LQ Lei	07/05/17				A3
				appd	Tim Yao	07/05/17				type
sheet index	revision sheet	A	B							Product Customer Drawing
		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				BERGSTAK			
ltr		ecn no		dr		date		tolerances unless otherwise specified		title			
B										PLUG ASSY			
								mm		BERGSTAK 0.8MM			
						angles		linear		scale 1:1			
						0°±3°							
						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	
sheet index		revision		A		B						type	
		sheet		1~6		1~6						Product Customer Drawing	