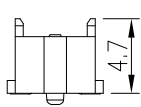
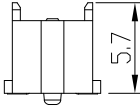
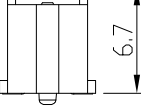
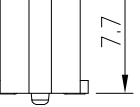


10144518- AA B C D E FF

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			

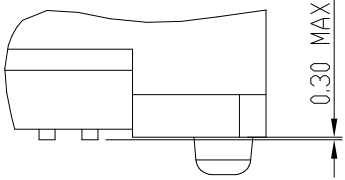
C	PLATING	FF
8	GOLD FLASH ON CONTACT AREA ; PURE MATT TIN 2.5um MIN ON SOLDER TAIL; NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF

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.

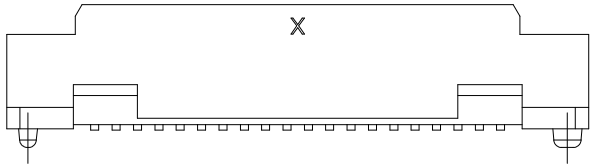
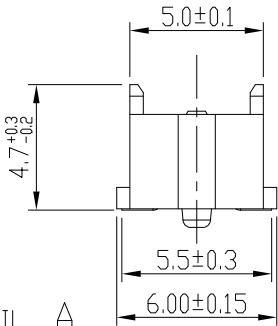
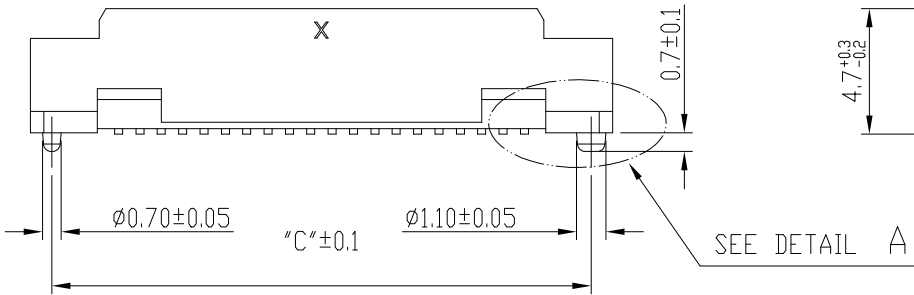
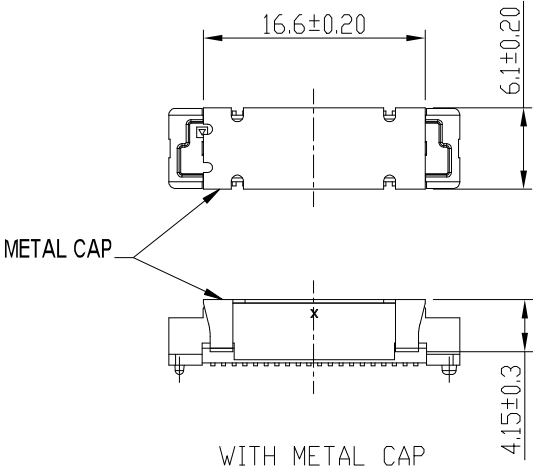
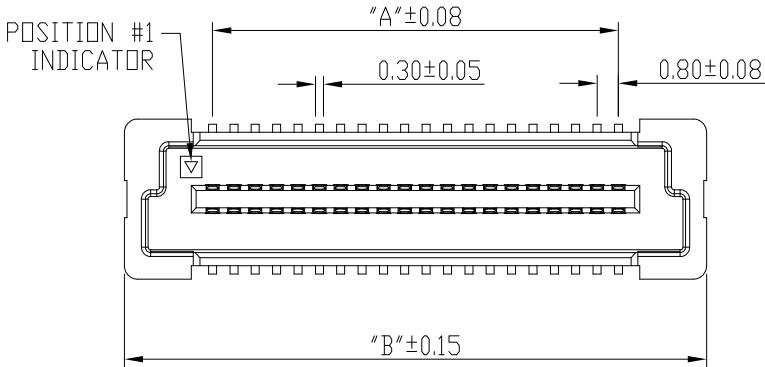
mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 1101	product family BERGSTAK
ltr	ecn no	dr	date	tolerances unless otherwise specified	angles	linear	title
A		Bob	07/05/16		0°±3°		PLUG ASSY
B	ELX-N-28149	Bob	10/13/17				BERGSTAK 0.8MM
				dr	Bob Gu	07/05/17	dwg no
				engr	Bob Gu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

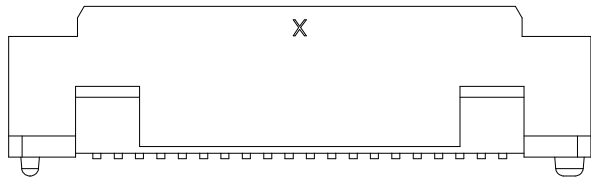
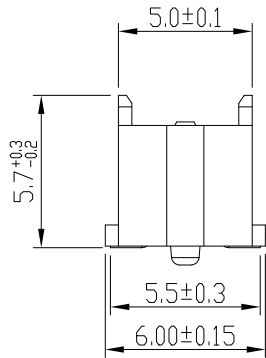
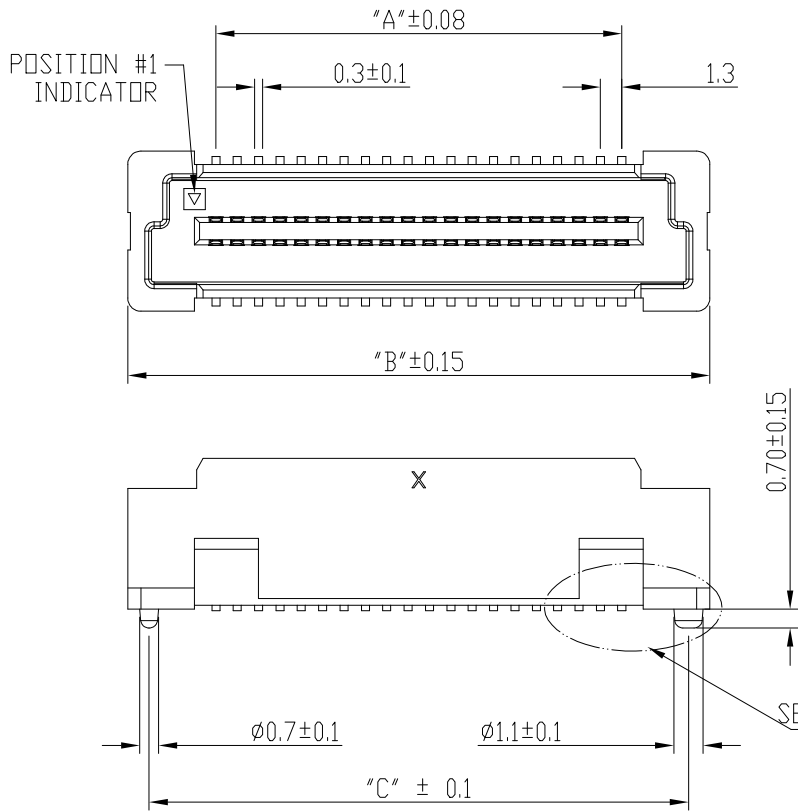
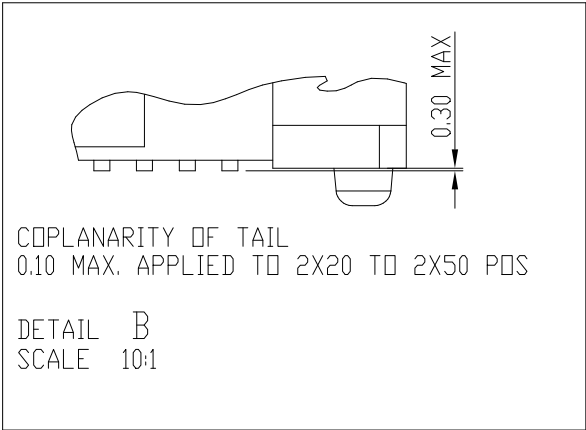
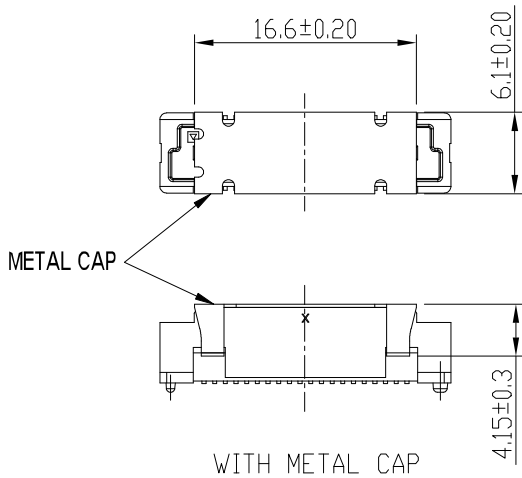
DETAIL A
SCALE 10:1



PLUG 1

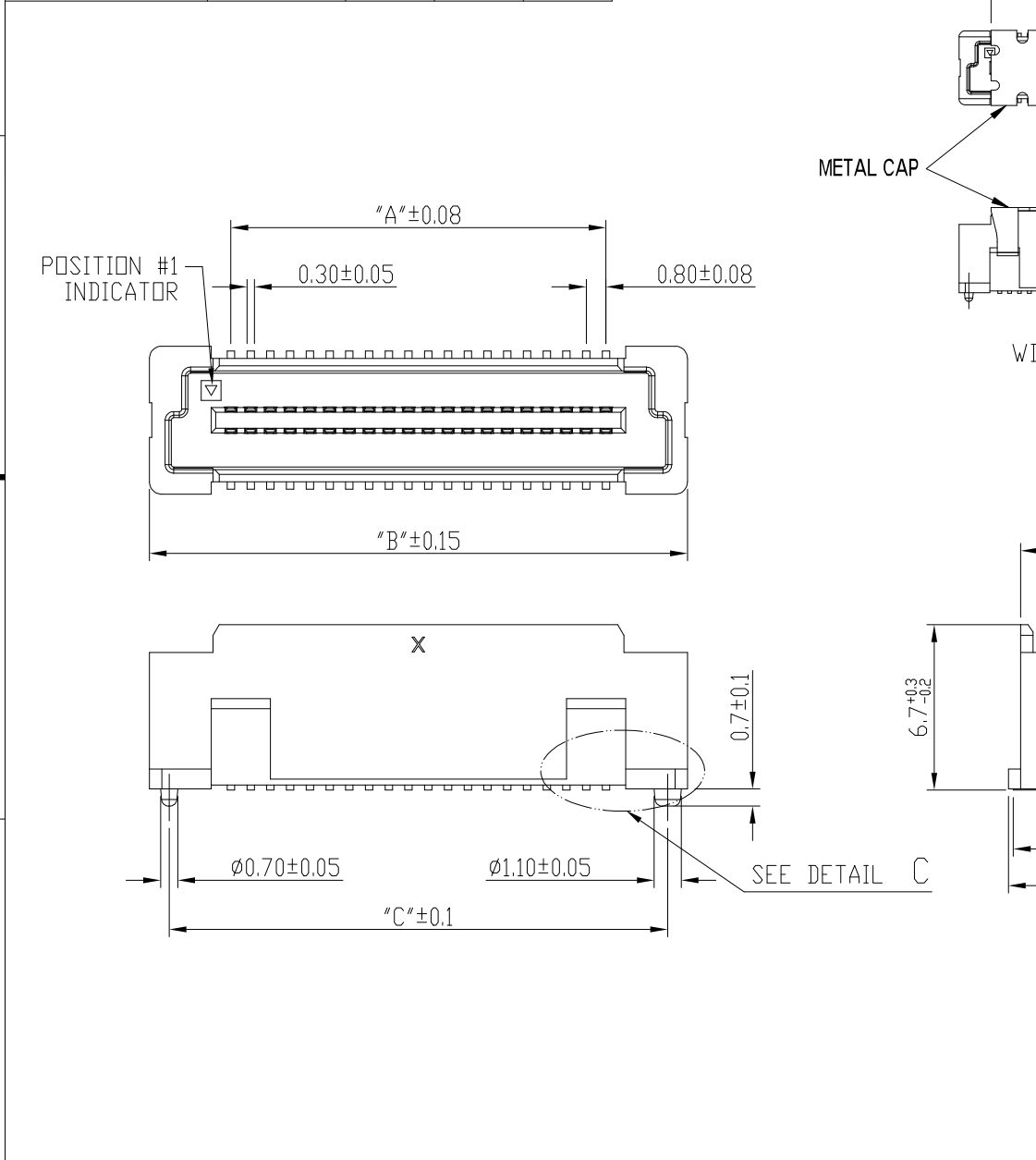
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ltr				ecn no	dr	date	tolerances unless otherwise specified				BERGSTAK				
B							angles	linear	.0±.2	mm	title				
							0°±3°		.00±.15	scale 1:1	PLUG ASSY				
									.000±.10		BERGSTAK 0.8MM				
							dr	Bob Gu	07/05/17		dwg no		sheet2 of 6		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										

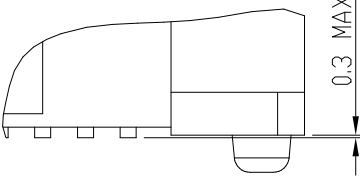
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10144518-042***	2X20	15.2	21.8	20.2
10144518-062***	2X30	23.2	29.8	28.2
10144518-082***	2X40	31.2	37.8	36.2
10144518-102***	2X50	39.2	45.8	44.2



mat'l. code				surface	ISO 1302	✓	tolerance	ISO 406	ISO 1101	projection	product family			
ltr	ecn	no	dr	date	tolerances	unless	otherwise	specified	mm	mm	title			
B					angles	linear	.0±.2				PLUG ASSY			
					0°±3°		.00±.15			scale 1:1	BERGSTAK 0.8MM			
					dr	Bob Gu	07/05/17				dwg no			
					enr	Bob Gu	07/05/17				sheet3 of 6			
					chr	LQ Lei	07/05/17				10144518			
					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



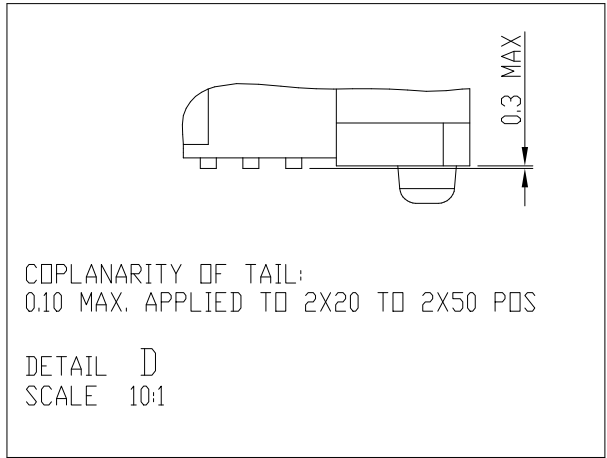
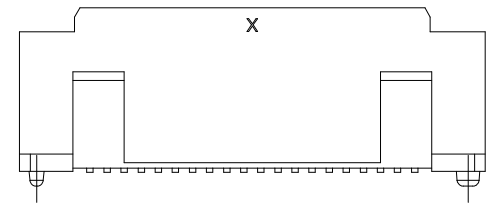
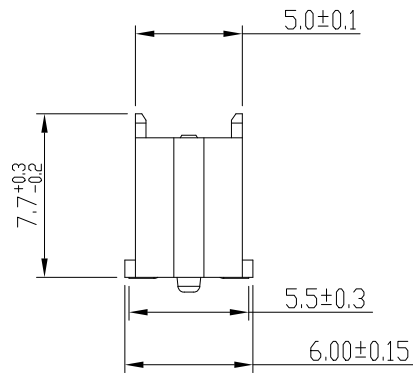
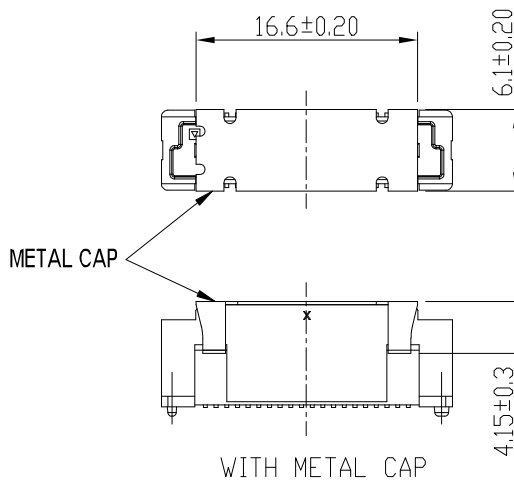
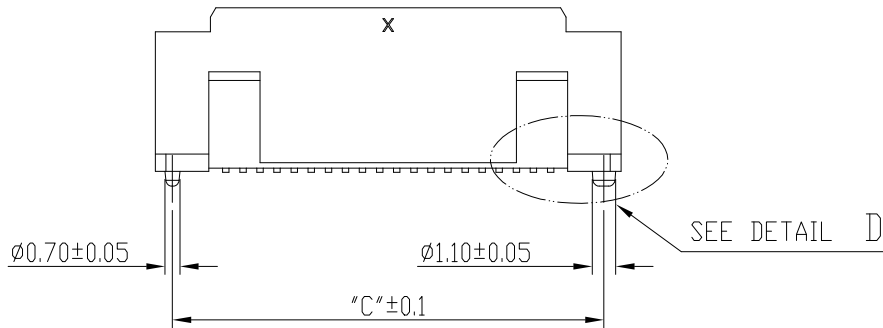
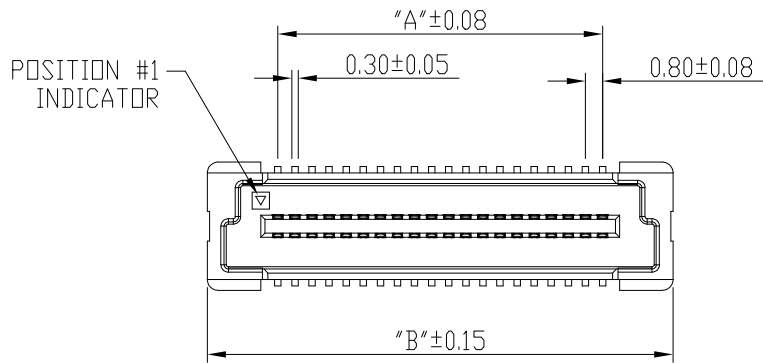


COPLANARITY OF TAIL:
0.10 MAX. APPLIED TO 2X20 TO 2X50
PDS

DETAIL C
SCALE 10:1

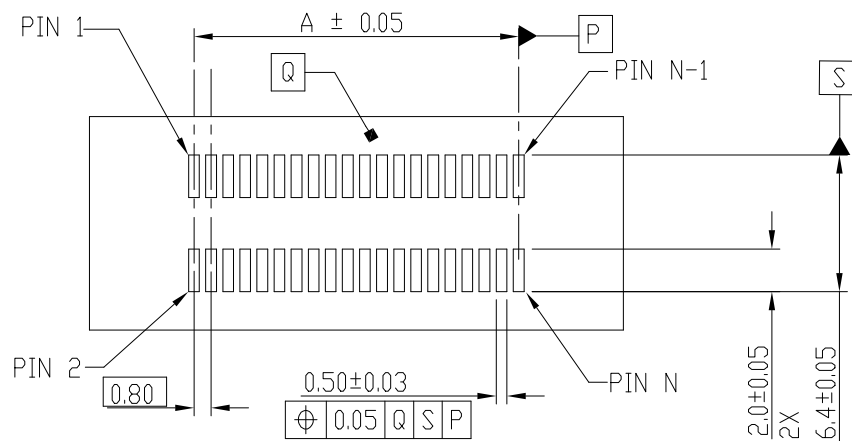
mat'l. code				surface	ISO 1302	✓	tolerance	ISO 406	ISO 1101	projection	product family	BERGSTAK			
ltr	ecn no	dr	date	tolerances	unless	otherwise	specified				title	PLUG ASSY BERGSTAK 0.8MM			
B				angles	linear	.0±.2				mm	dwg no	sheet4 of 6	size		
				0°±3°		.00±.15				scale 1:1	10144518		A3		
			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

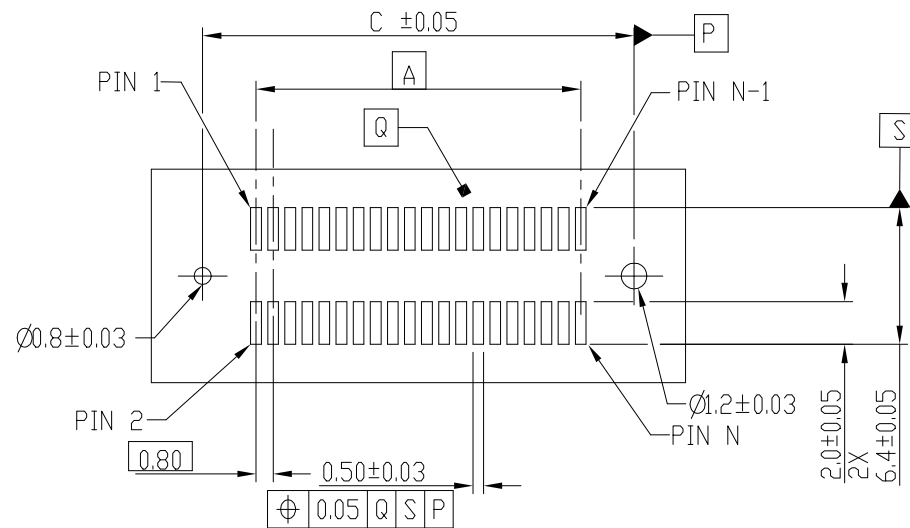


mat'l. code				surface	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family
ltr				ecn no	dr	date	tolerances unless otherwise specified	linear	mm	BERGSTAK
B							angles	linear	mm	title
							0°±3°	linear	mm	PLUG ASSY
								linear	mm	BERGSTAK 0.8MM
								linear	mm	dwg no
								linear	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		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±.2									
								.00±.15									
						0°±3°		.000±.10		scale 1:1							
						dr		Bob Gu		07/05/17		dwg no		sheet6 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		A		B											
		sheet		1~6		1~6											