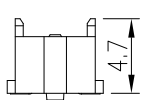
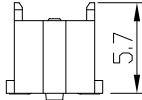
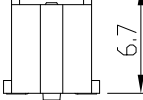
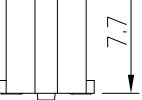


10144518- AA B C D E FF

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			

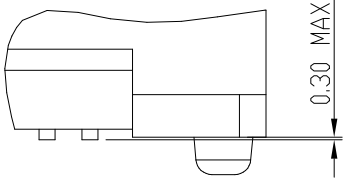
C	PLATING	FF
8	GOLD FLASH ON CONTACT AREA ; PURE MATT TIN 2.5um MIN ON SOLDER TAIL; NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF

NOTE:

- 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.

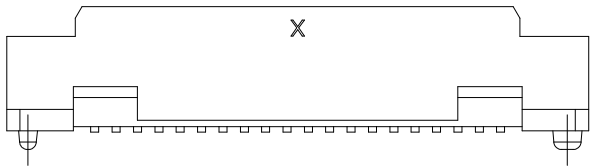
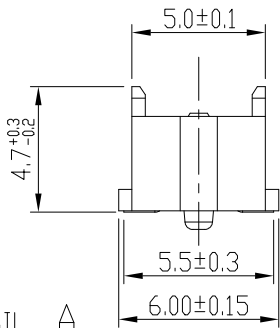
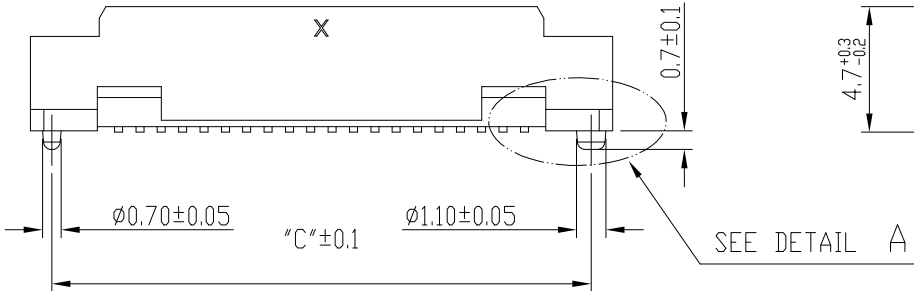
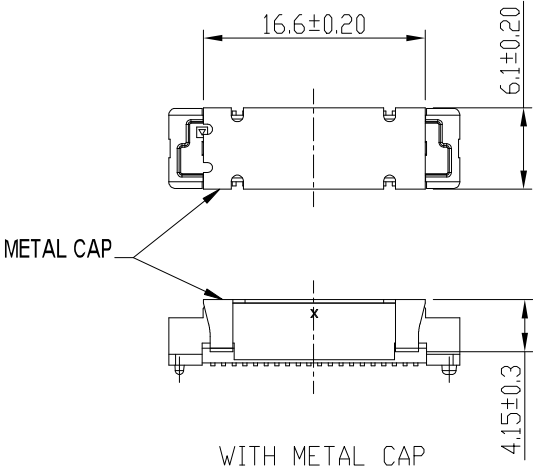
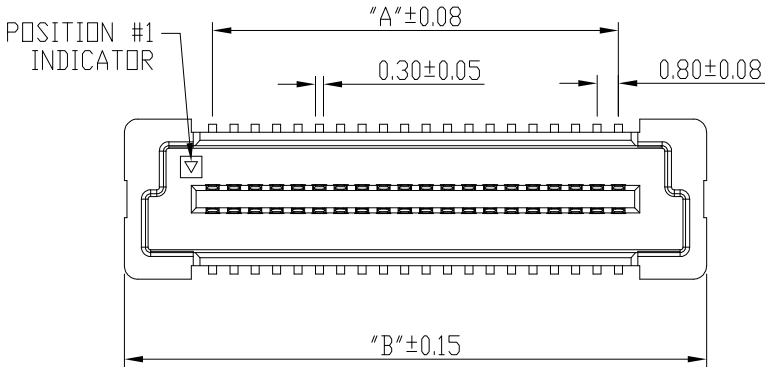
mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 1101	product family BERGSTAK
ltr	ecn no	dr	date	tolerances unless otherwise specified	angles	linear	title
A		Bob	07/05/16		0°±3°		PLUG ASSY
B	ELX-N-28149	Bob	10/13/17				BERGSTAK 0.8MM
				dr	Bob Gu	07/05/17	dwg no
				engr	Bob Gu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

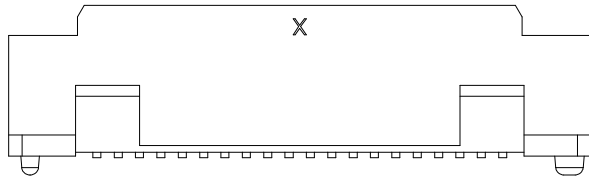
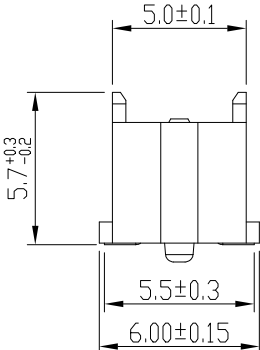
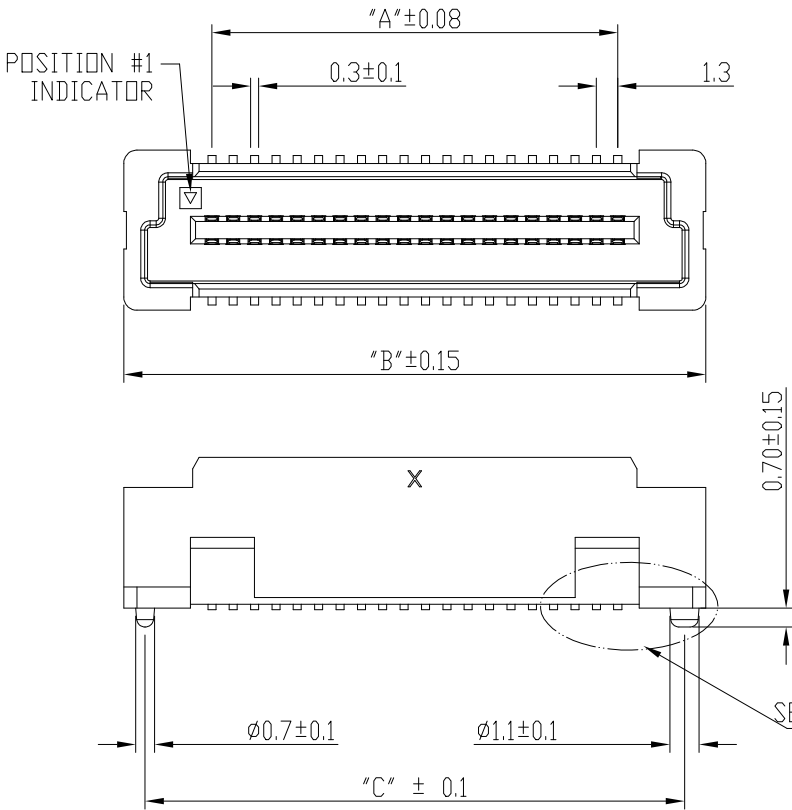
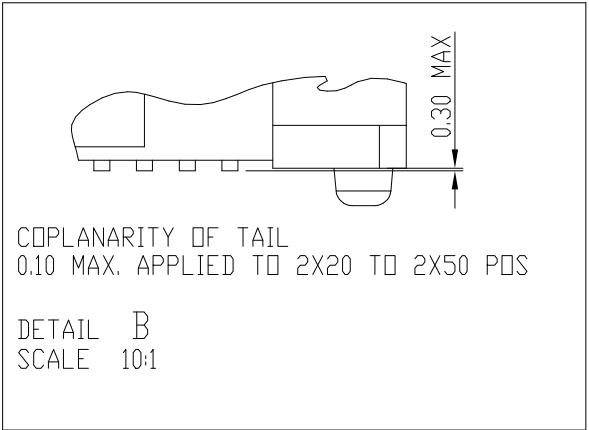
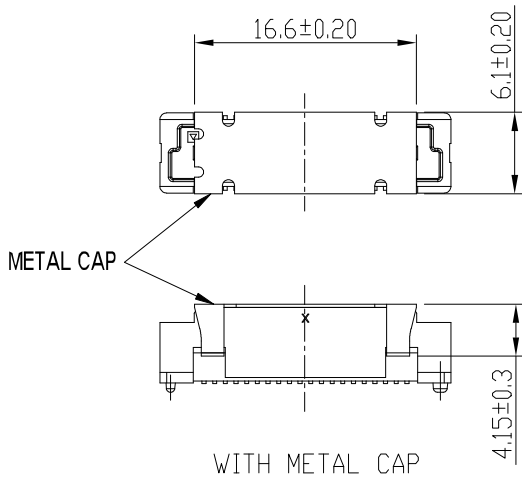
DETAIL A
SCALE 10:1



PLUG 1

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

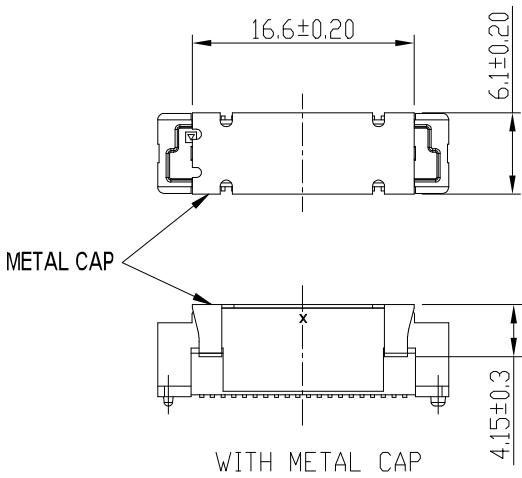
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10144518-042***	2X20	15.2	21.8	20.2
10144518-062***	2X30	23.2	29.8	28.2
10144518-082***	2X40	31.2	37.8	36.2
10144518-102***	2X50	39.2	45.8	44.2



PLUG 2

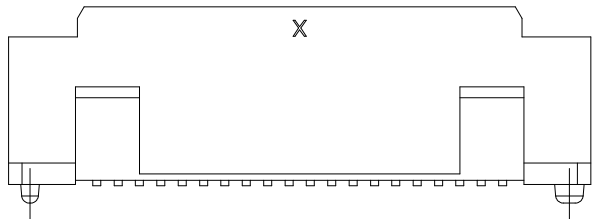
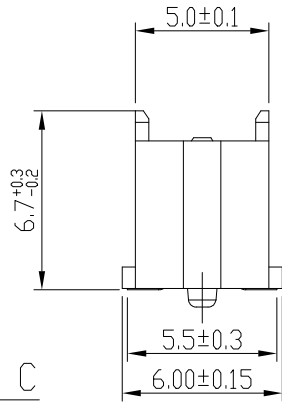
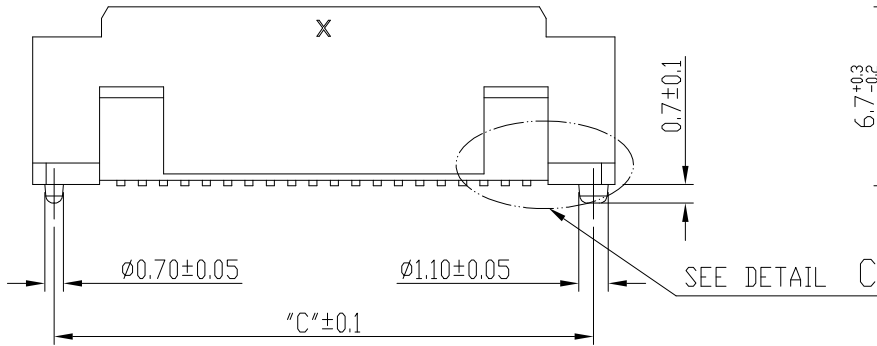
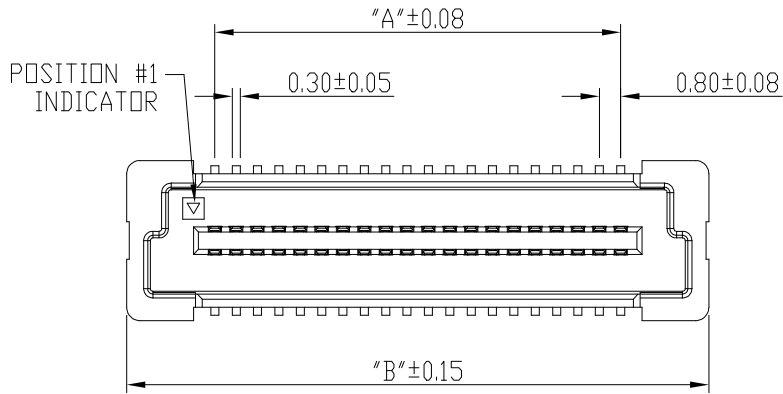
mat'l. code					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 1101 		product family BERGSTAK					
ltr		ecn no		dr	date		tolerances unless otherwise specified			title						
B							angles		linear	.0±.2						
							0°±3°			.00±.15						
							.000±.10			scale 1:1						
							dr	Bob Gu	07/05/17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

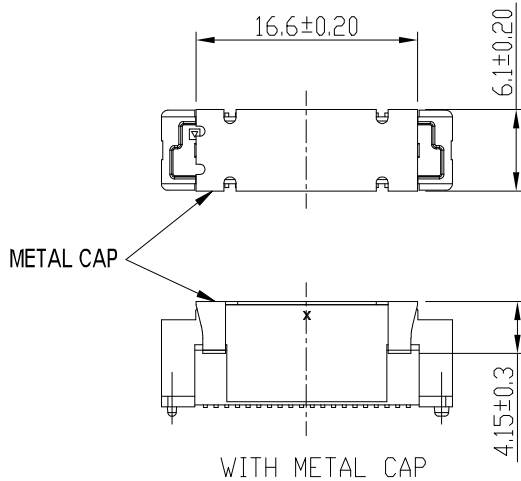
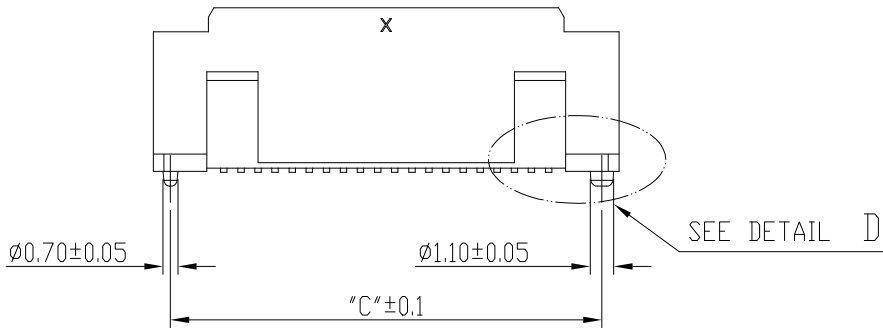
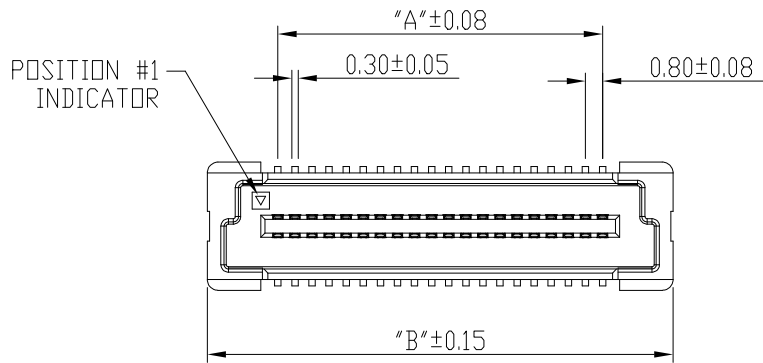
DETAIL C
SCALE 10:1



PLUG 3

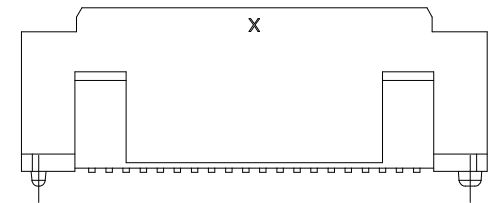
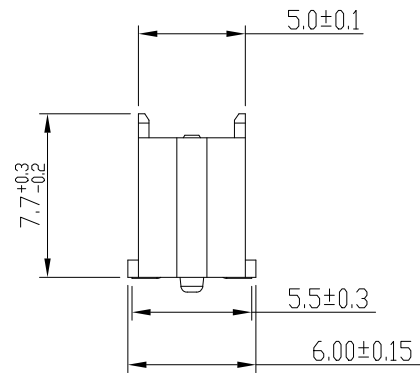
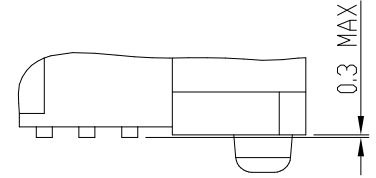
mat'l. code				surface		ISO 1302	✓	tolerance		ISO 406	ISO 1101	projection		product family				BERGSTAK			
ltr		ecn		no		dr		date		tolerances unless otherwise specified				title		PLUG ASSY BERGSTAK 0.8MM					
B										angles		linear		.0±.2							
										0°±3°				.00±.15							
														.000±.10							
										dr		Bob Gu		07/05/17		dwg no		sheet4 of 6		size	
										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

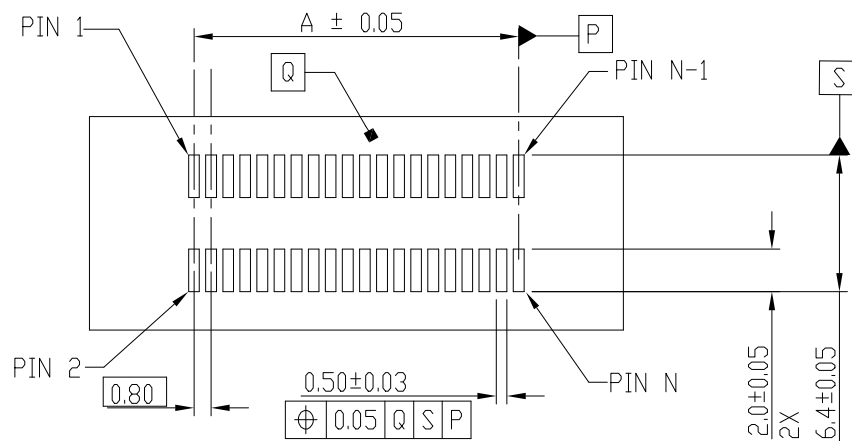


SEE DETAIL DD

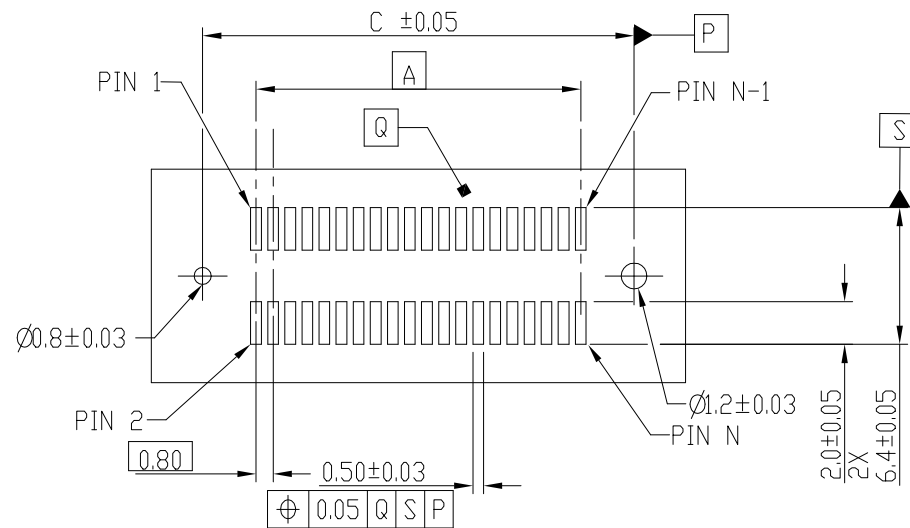
PLUG 4

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