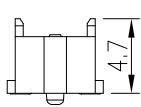
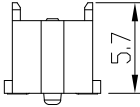
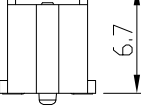
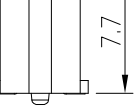


10144518- AA B C D E FF

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			

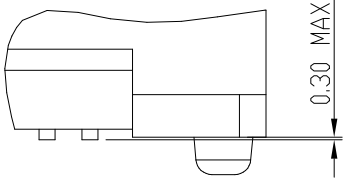
C	PLATING	FF
8	GOLD FLASH ON CONTACT AREA ; PURE MATT TIN 2.5um MIN ON SOLDER TAIL; NICKEL UNDERPLATE OVERALL 1.27um. (LEADFREE PLATING)	LF

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.

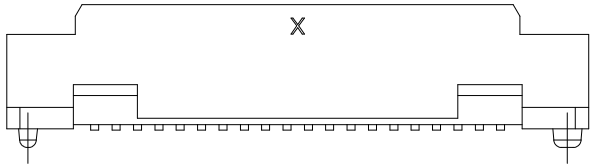
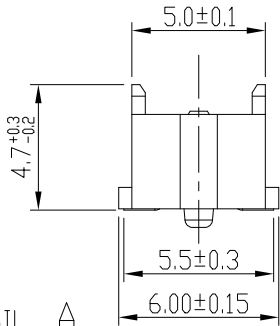
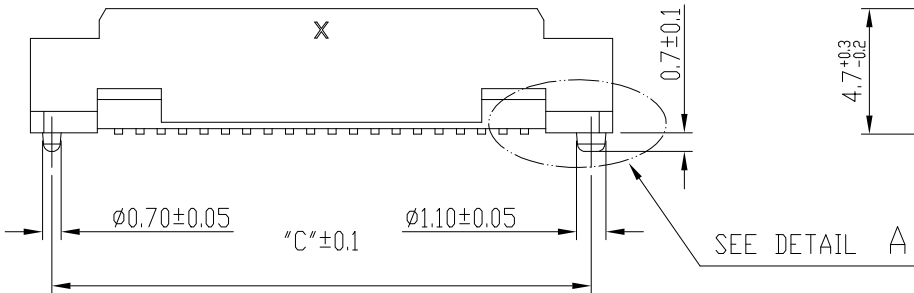
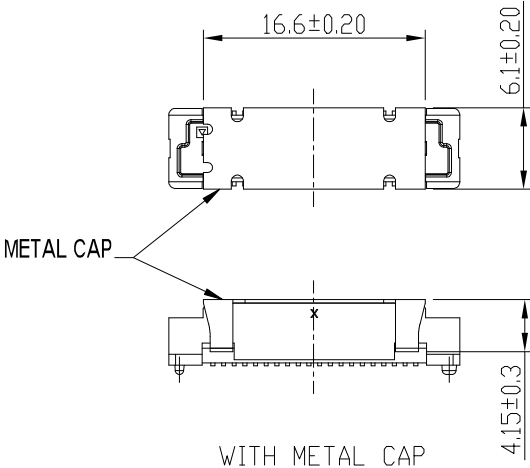
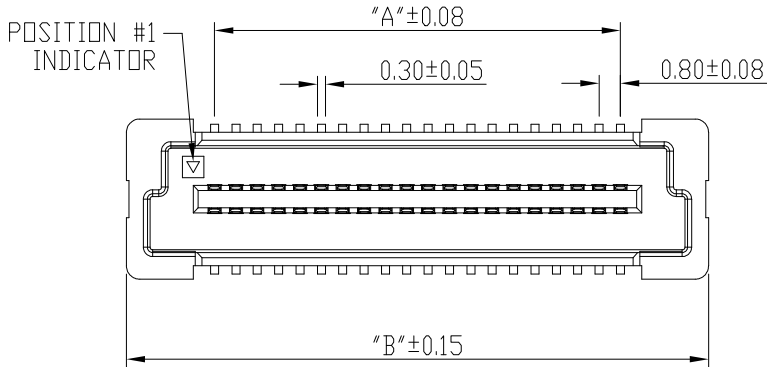
mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 1101	product family BERGSTAK			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title PLUG ASSY BERGSTAK 0.8MM			
A		Bob	07/05/16	angles	.0±.2	mm	dwg no 10144518			
B	ELX-N-28149	Bob	10/13/17	linear	.00±.15					
				0°±3°	.000±.10	scale 1:1	sheet 1 of 6 size A3			
				dr	Bob Gu	07/05/17	Amphenol FCI			
				engr	Bob Gu	07/05/17				
				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
10144518-041***	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

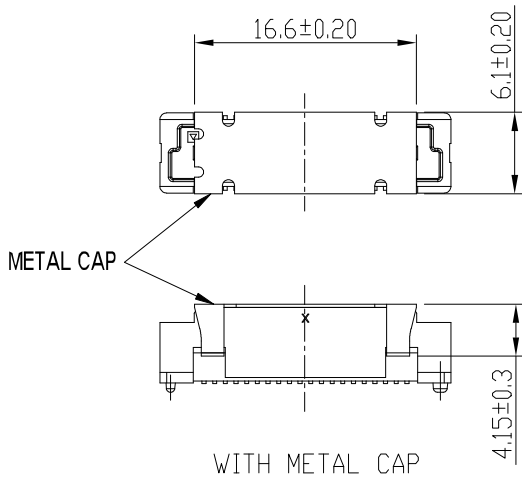
DETAIL A
SCALE 10:1



PLUG 1

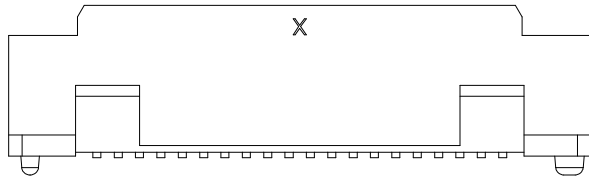
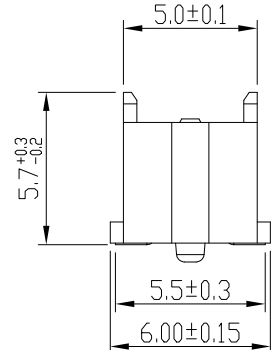
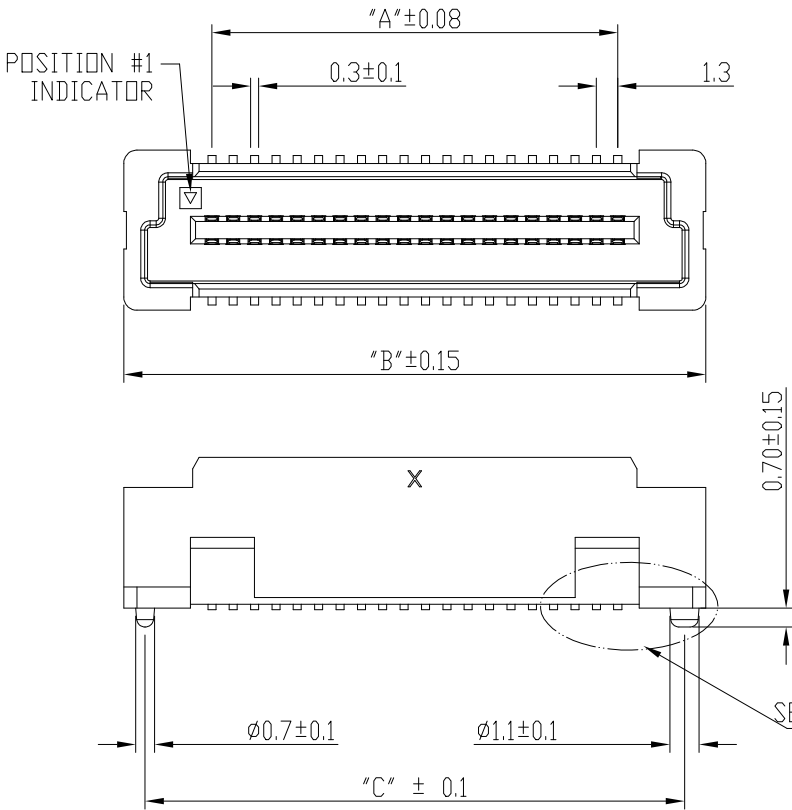
mat'l. code				surface	ISO 1302	✓	tolerance	ISO 406	ISO 1101	projection	product family			
ltr				ecn no	dr	date	tolerances unless otherwise specified				BERGSTAK			
B							angles	linear	.0±.2	mm	title			
							0°±3°		.00±.15	scale 1:1	PLUG ASSY			
							dr	Bob Gu	07/05/17		BERGSTAK 0.8MM			
							engr	Bob Gu	07/05/17		dwg no			
							chr	LQ Lei	07/05/17		10144518			
							appd	Tim Yao	07/05/17		sheet2 of 6			
sheet index				revision	A	B					size			
				sheet	1~6	1~6					A3			
											type			
											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



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

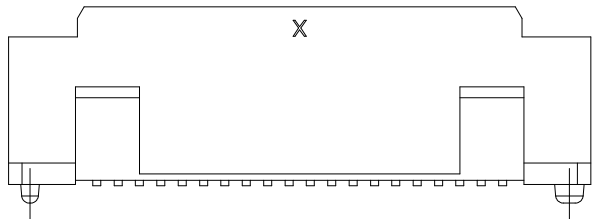
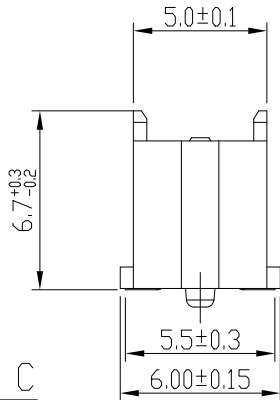
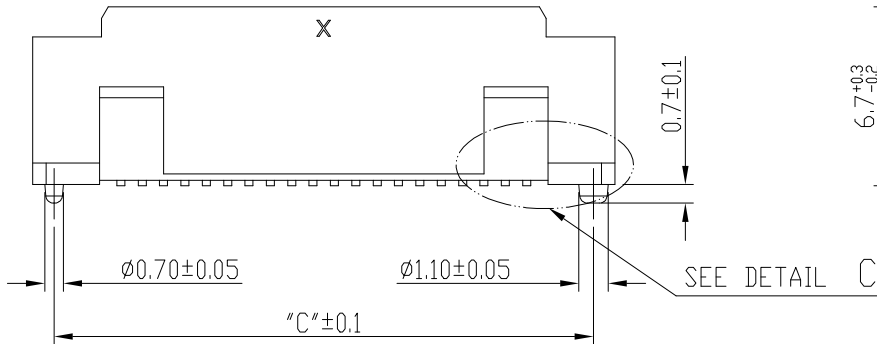
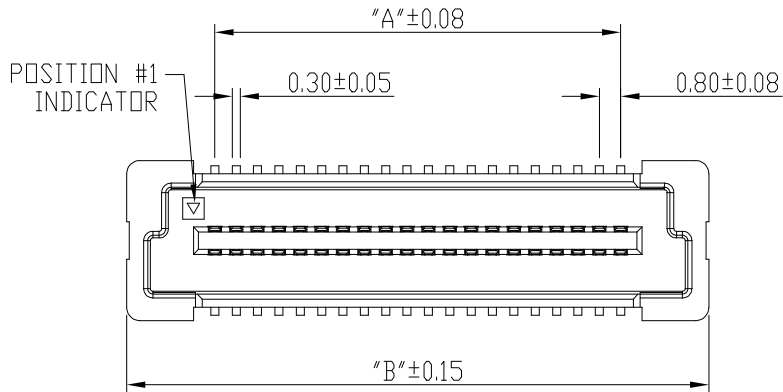
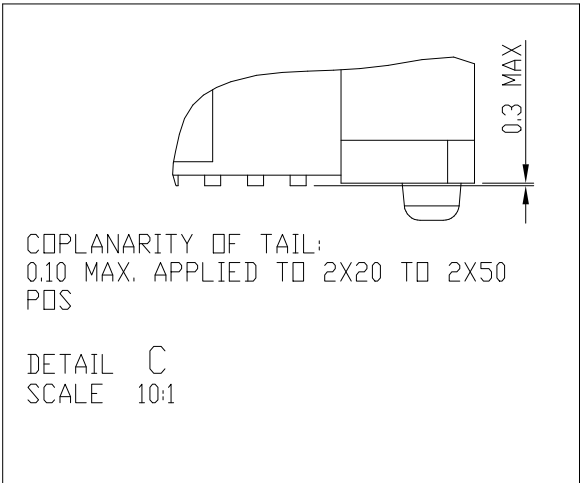
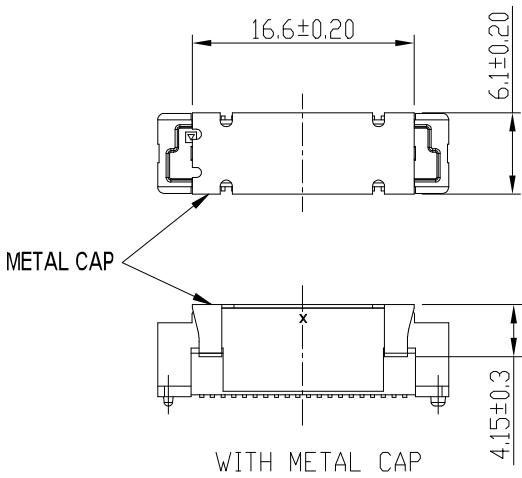
DETAIL B
SCALE 10:1



PLUG 2

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family BERGSTAK			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm scale 1:1	title PLUG ASSY BERGSTAK 0.8MM			
B				angles	linear					
				0°±3'						
				dr	Bob Gu	07/05/17				
				enr	Bob Gu	07/05/17				
				chr	LQ Lei	07/05/17				
				appd	Tim Yao	07/05/17				
sheet index	revision sheet	A 1~6	B 1~6							

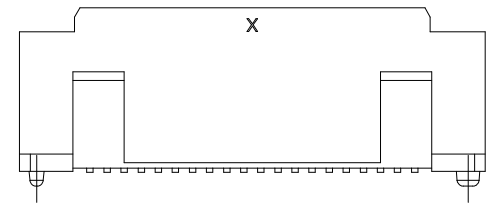
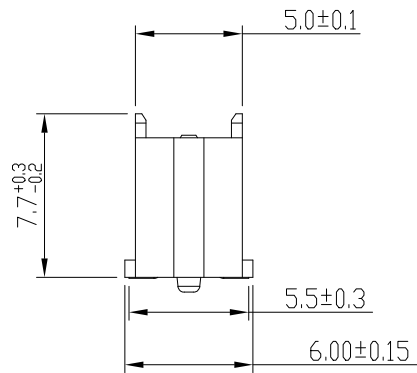
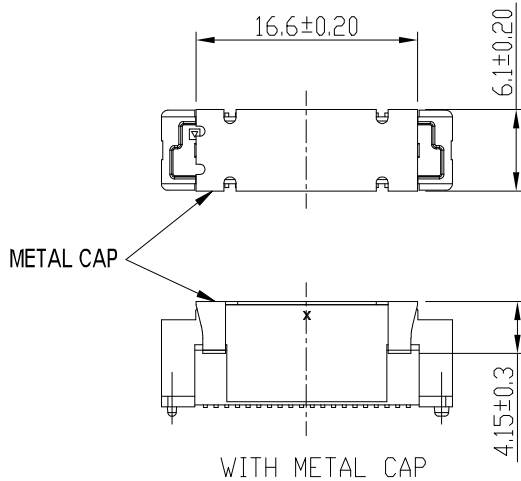
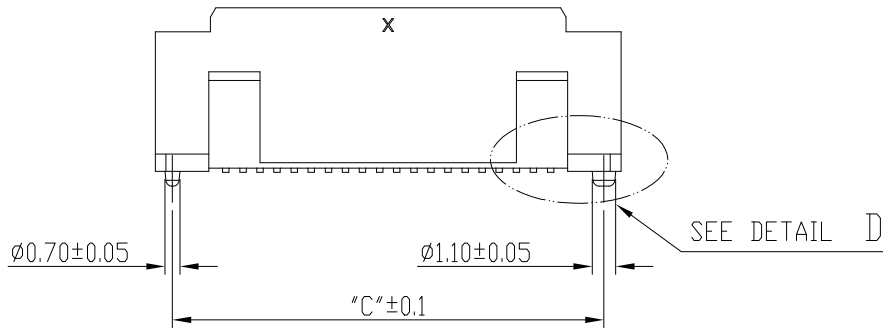
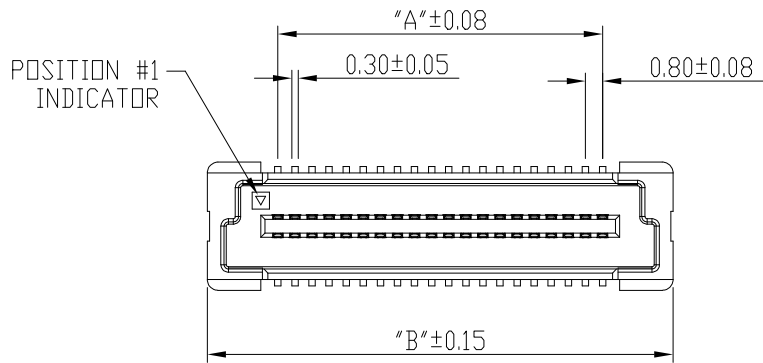
PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10144518-043***	2X20	15.2	21.8	20.2
10144518-063***	2X30	23.2	29.8	28.2
10144518-083***	2X40	31.2	37.8	36.2
10144518-103***	2X50	39.2	45.8	44.2



PLUG 3

mat'l. code				surface	ISO 1302	✓	tolerance	ISO 406	ISO 1101	projection	product family	BERGSTAK			
ltr	ecn no	dr	date	tolerances	unless	otherwise	specified	linear	mm	scale 1:1	title	PLUG ASSY BERGSTAK 0.8MM			
B				angles	0°±3'	.0±.2	.00±.15	.000±.10			dwg no	sheet4 of 6	size	A3	
				dr	Bob Gu	07/05/17					10144518				
				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



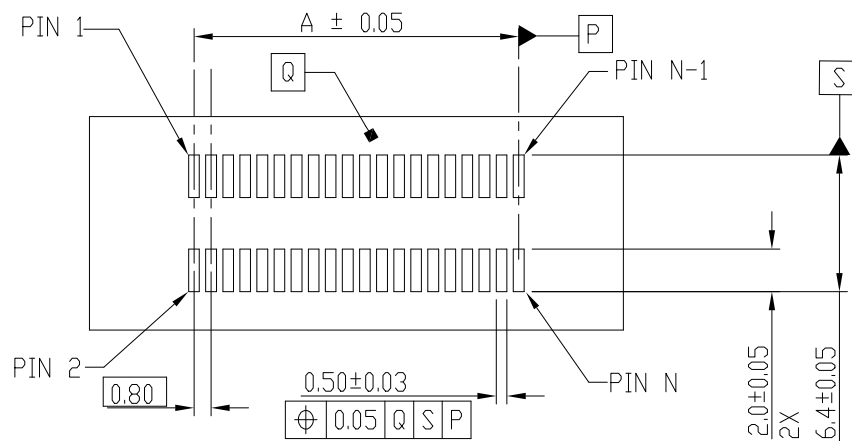
COPLANARITY OF TAIL:
0.10 MAX. APPLIED TO 2X20 TO 2X50 PDS

DETAIL D
SCALE 10:1

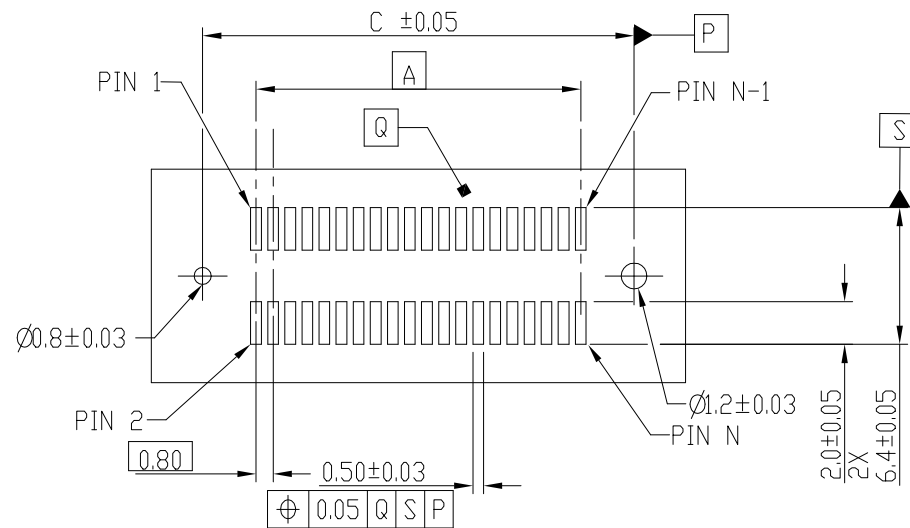
SEE DETAIL DD PLUG 4

mat'l. code				surface	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family
ltr				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
sheet index				revision	A	B	type			
sheet				1~6	1~6		Product Customer Drawing			

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
ltr				ecn no	dr	date	tolerances unless otherwise specified				BERGSTAK
B							angles	linear	.0±.2	mm	title
							0°±3°		.00±.15		PLUG ASSY
									.000±.10	scale 1:1	BERGSTAK 0.8MM
							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 sheet	A	B	1~6	1~6						type
											Product Customer Drawing