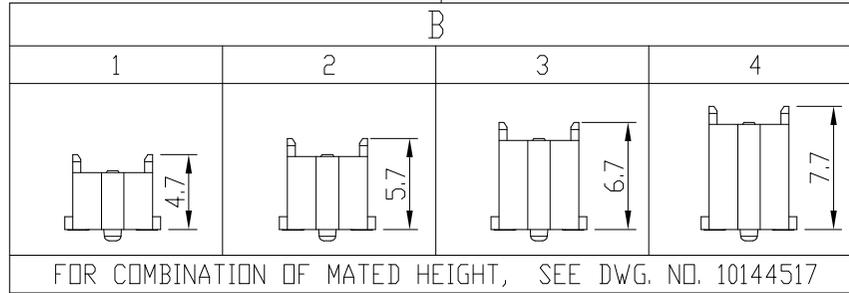


10144518-AA B C D E FF

AA	NO. OF POSITIONS
02	2X10
04	2X20
06	2X30
08	2X40
10	2X50
12	2X60

E	PACKAGING
2	T&R WITH METAL CAP
3	T&R WITHOUTL CAP
6	T&R WITH KAPTON TAPE

D	PEG	HOLD DOWN
0	YES	NO
2	NO	NO



C	PLATING	FF
8	GOLD FLASH (0.05um MIN) 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.

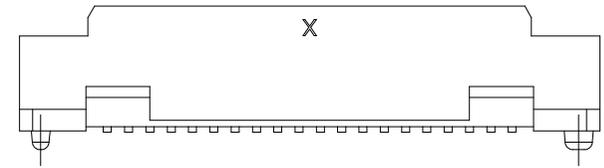
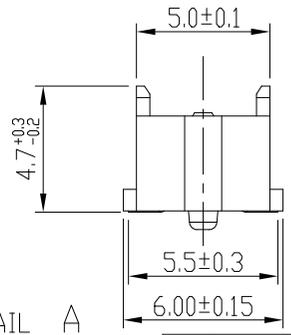
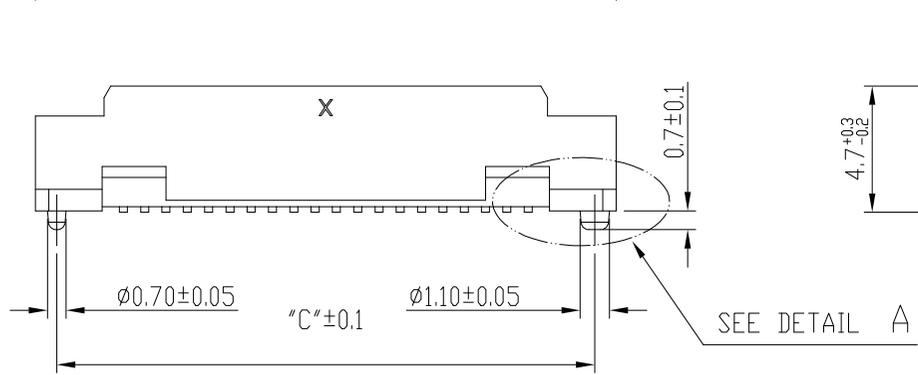
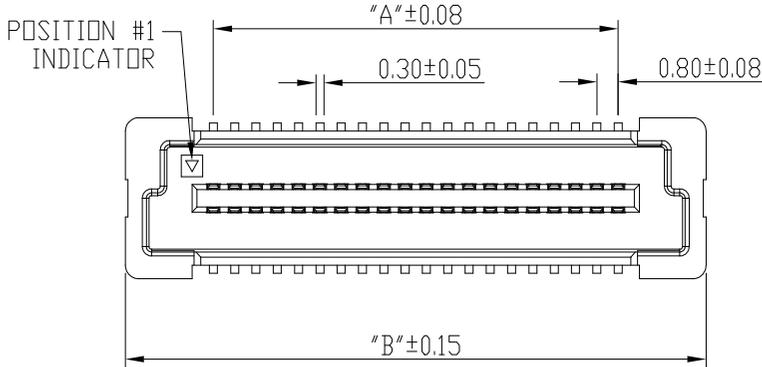
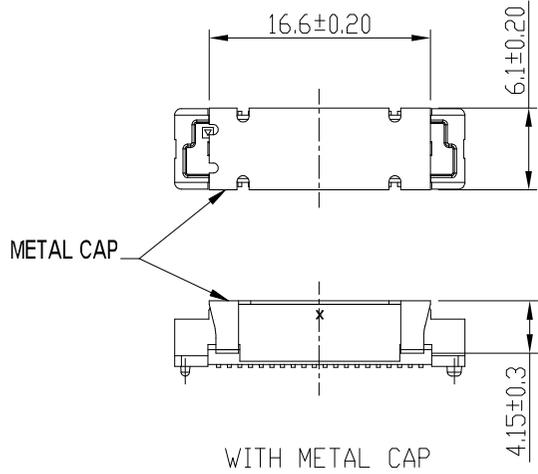
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ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
H	ELX-N-46742	Alan	12/12/22	angles	linear	mm		PLUG ASSY	
B	ELX-N-28149	Bob	10/13/17			mm		BERGSTAK 0.8MM	
C	ELX-N-32751	Bob	02/22/19	0°±3°		scale 1:1		dwg no	
D	ELX-N-35214	Bob	10/28/19	dr	Bob Gu	07/05/17		sheet 1 of 6	
E	ELX-N-44249	Alan	03/24/22	engr	Alan Ni	09/16/22		size	
F	ELX-N-45652	Alan	08/16/22	chr	LQ Lei	09/16/22		10144518	
G	ELX-N-45723	Alan	08/24/22	appd	Tim Yao	09/16/22		A3	
sheet	revision	A	B	C	D	E	F	G	H
index	sheet	1~6	1~6	3	1	1	5	1~6	



PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10144518-021***	2X10	7.2	13.8	12.2
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
10144518-121***	2X60	47.2	53.8	52.2

COPLANARITY OF TAIL:  
0.10 MAX. APPLIED TO 2X10 TO 2X60 POS

DETAIL A  
SCALE 10:1



PLUG 1

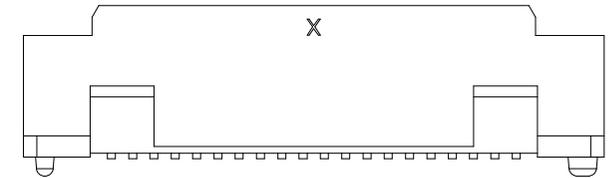
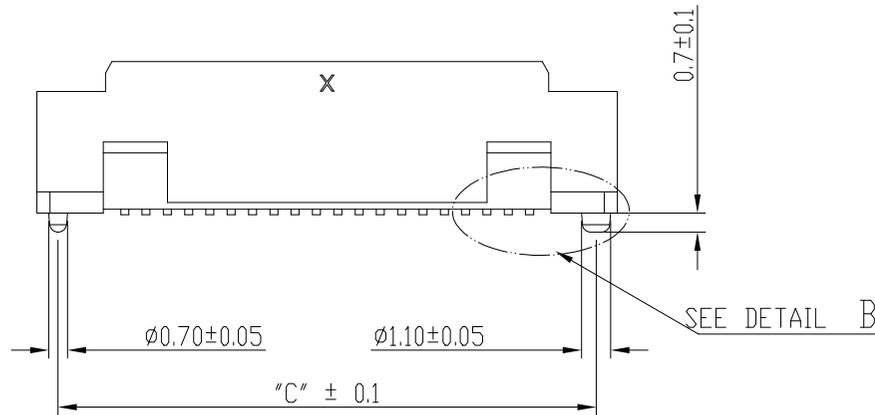
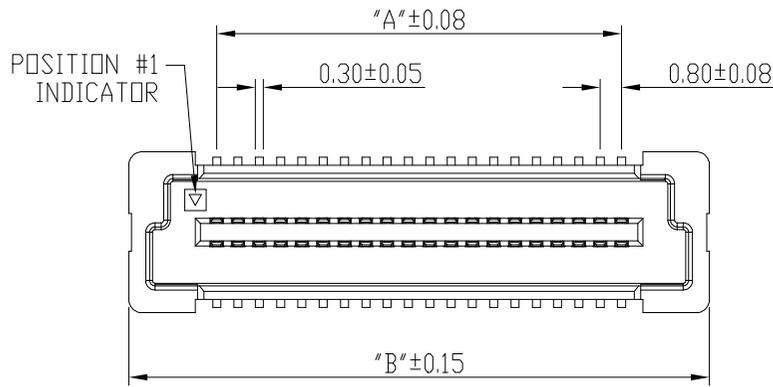
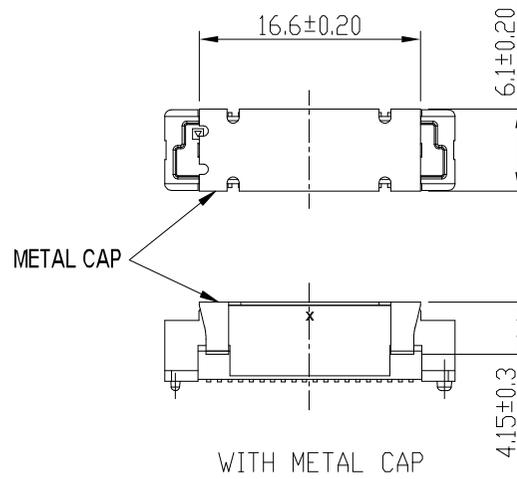
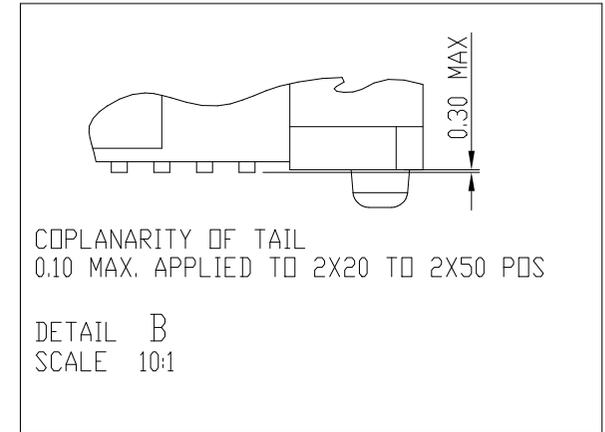
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ltr		ecn no		dr		date		BERGSTAK	
H								title	
								PLUG ASSY	
								BERGSTAK 0.8MM	
								dwg no	
								sheet2 of 6	
								size	
								A3	
								type	
								Product Customer Drawing	
sheet index		revision sheet		D		E		F	
				3		1		1	
				5		1~6			

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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

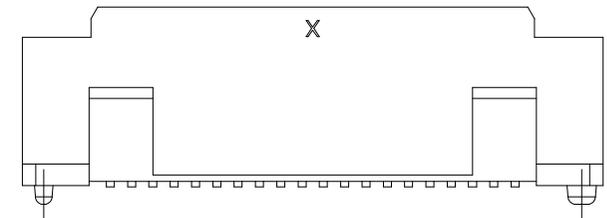
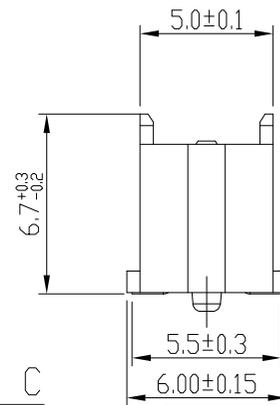
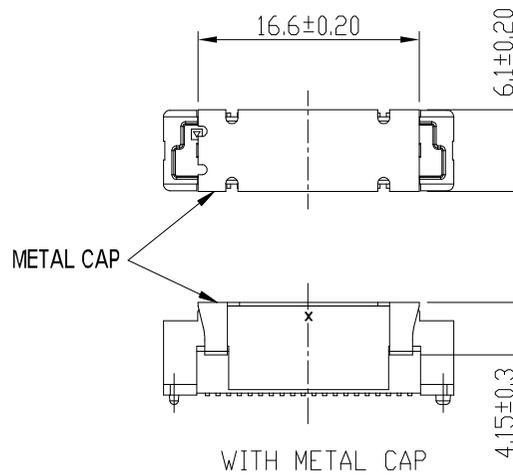
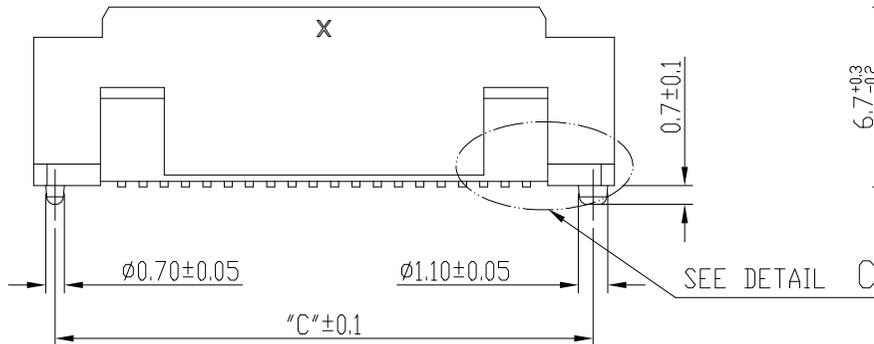
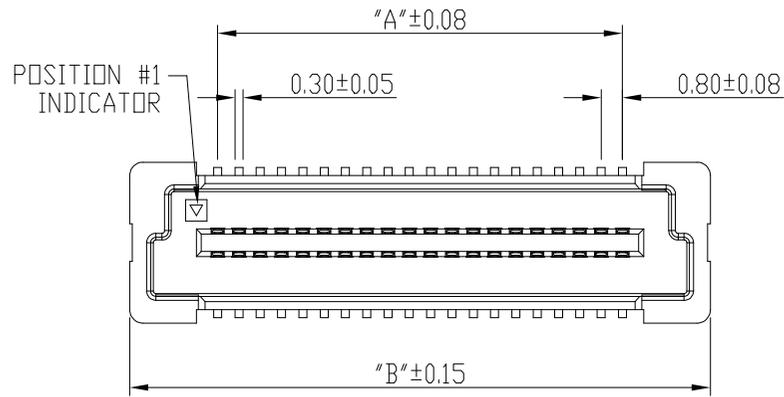


PLUG 2

mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family BERGSTAK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
H				angles	linear	scale 1:1		PLUG ASSY BERGSTAK 0.8MM	
				0°±3'	.0±.2 .00±.15 .000±.10			dwg no sheet 3 of 6 size	
				dr	Bob Gu	07/05/17	Amphenol FCI		10144518 A3
				enr	Alan Ni	09/16/22	type		Product Customer Drawing
				chr	LQ Lei	09/16/22			
				appd	Tim Yao	09/16/22			
sheet index	revision sheet	D	E	F	G	H			
		3	1	1	5	1~6			

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PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
10144518-023***	2X10	7.2	13.8	12.2
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



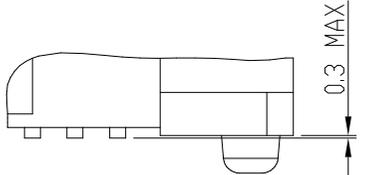
COPLANARITY OF TAIL:  
0.10 MAX. APPLIED TO 2X10 TO 2X50  
PDS

DETAIL C  
SCALE 10:1

PLUG 3

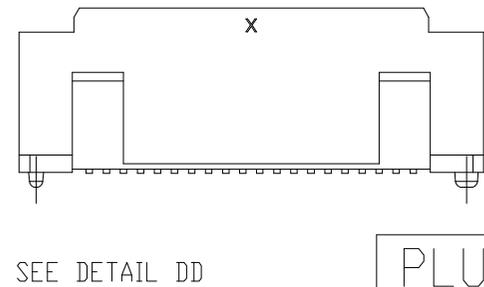
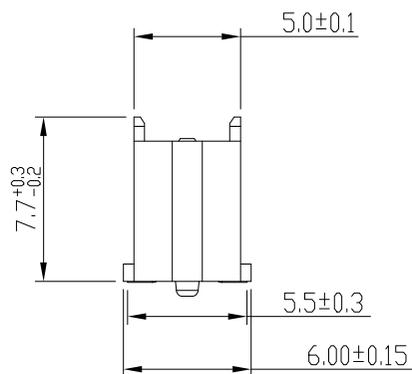
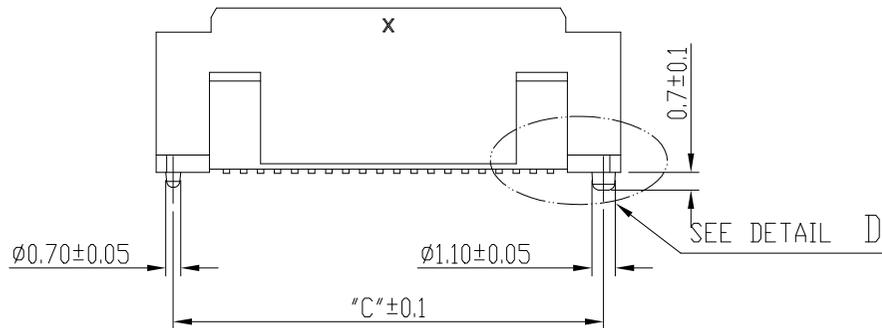
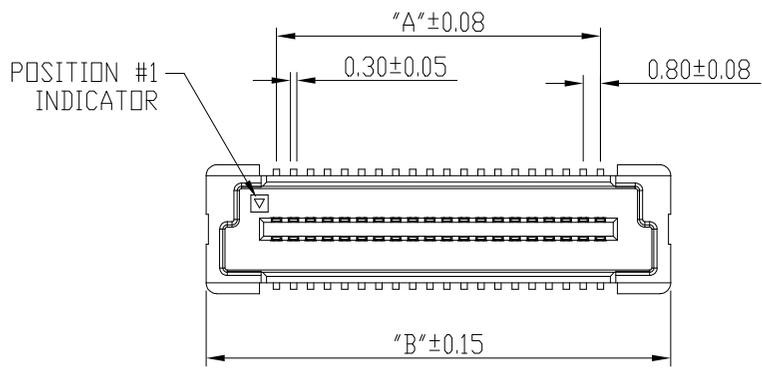
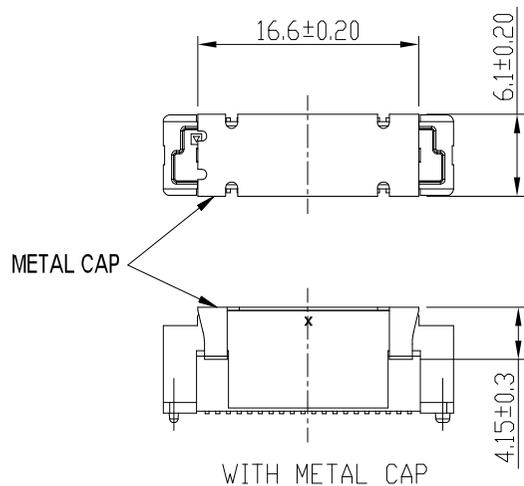
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ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
H				angles	linear	mm		PLUG ASSY BERGSTAK 0.8MM	
				0°±3'		scale 1:1		dwg no sheet 4 of 6 size	
				dr	Bob Gu	07/05/17	Amphenol FCI		10144518 A3
				enr	Alan Ni	09/16/22			
				chr	LQ Lei	09/16/22			
				appd	Tim Yao	09/16/22			
sheet index	revision sheet	D	E	F	G	H	type Product Customer Drawing		
		3	1	1	5	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
10144518-124***	2X60	47.2	53.8	52.2



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

DETAIL D  
SCALE 10:1



PLUG 4

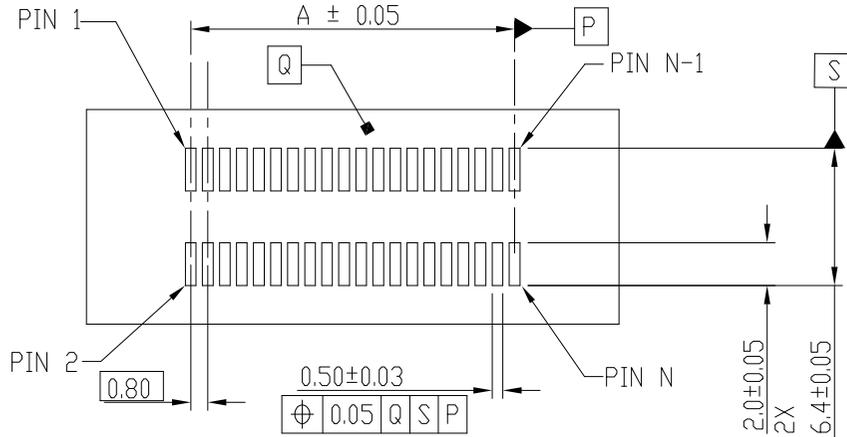
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ltr		ecn no		dr		date		BERGSTAK	
H				tolerances unless otherwise specified		mm		title	
				angles linear		scale 1:1		PLUG ASSY	
				0°±3'				BERGSTAK 0.8MM	
				dr		Bob Gu 07/05/17		dwg no	
				enr		Alan Ni 09/16/22		sheet 5 of 6	
				chr		LQ Lei 09/16/22		size	
				appd		Tim Yao 09/16/22		A3	
sheet index		revision sheet		D		E		type	
				3		1		Product Customer Drawing	
				F		G			
				1		5			
				H		1~6			

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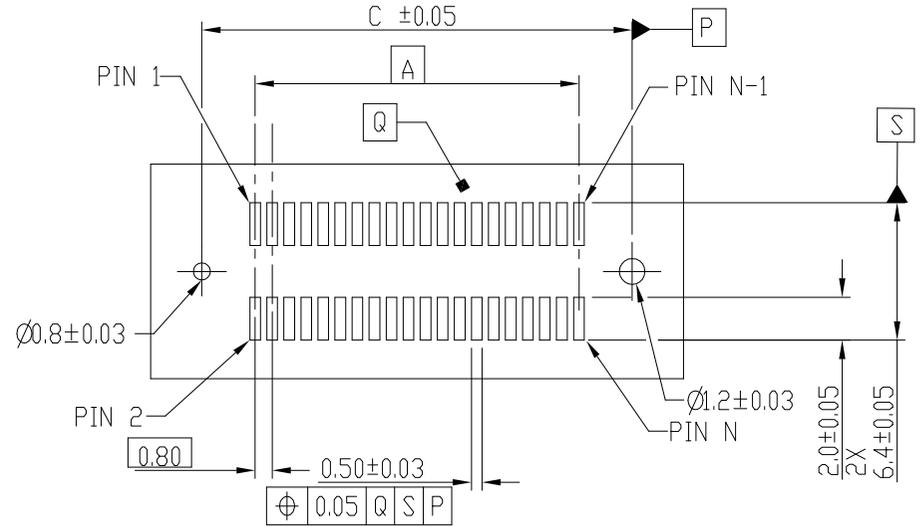
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FOR PLUG 1/2/3/4



RECOMMENDED PCB LAYOUT WITHOUT PEG AND HOLDDOWN FOR NO. OF PDS 2X10, 2X20, 2X30, 2X40, 2X50, 2X60



RECOMMENDED PCB LAYOUT WITH PEG FOR NO. OF PDS 2X10, 2X20, 2X30, 2X40, 2X50, 2X60

Amphenol FCI

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mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/>		tolerance ISO 406 ISO 1101		projection		product family BERGSTAK		
ltr	ecn no	dr	date	tolerances unless otherwise specified		title		sheet 6 of 6		
H				angles linear	.0±.2	mm		size		
				0°±3'	.00±.15	scale 1:1		A3		
					.000±.10			sheet 6 of 6		
				dr	Bob Gu	07/05/17	Amphenol FCI		size	
				engr	Alan Ni	09/16/22			A3	
				chr	LQ Lei	09/16/22			sheet 6 of 6	
				appd	Tim Yao	09/16/22			size	
sheet index	revision sheet	D	E	F	G	H	type Product Customer Drawing			
		3	1	1	5	1~6				