

1

2

3

4

10132797- A A B C D E F L F

A

AA	POSITION
01	2X05
02	2X10
03	2X15
04	2X20
05	2X25
06	2X30

B	DESCRIPTION
1	PLUG 1
2	PLUG 2
3	PLUG 3
4	PLUG 4
5	PLUG 5
6	PLUG 6
7	PLUG 7

D	POLARIZATION PEG	HOLD DOWN
0	YES	YES
1	NO	YES
2	YES	NO
3	NO	NO

E	PACKAGING
0	TAPE AND REEL WITHOUT CAP

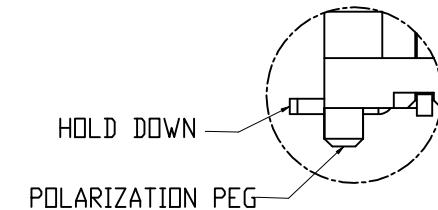
F	CUSTOMER CODE
BLANK	STANDARD P/N
✓	APPLY FOR SPECIAL CUSTOMER



B

10132797 SERIES (PLUG SERIES)

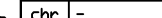
10132798 SERIES (REC. SERIES)	COMBINATION OF MATED HEIGHT 3.0~4.5mm	Plug 1 	Plug 2 	Plug 3 	Plug 4
	Recep 1 				
	COMBINATION OF MATED HEIGHT 5.0~6.0mm	Plug 5 	Plug 6 	Plug 7 	
	Recep 2 				



NOTE:

- MATERIAL:
HOUSING: THERMOPLASTIC BLACK UL94V-0
TERMINAL: COPPER ALLOY
HOLD DOWN: COPPER ALLOY
- PLATING:
TERMINAL: 1~3u"Au ON CONTACT AREA OVER 50u" Ni Min
GOLD FLASH ON SOLDER TAIL OVER 50u" Ni Min
HOLD DOWN: 100u" Tin Min ON SOLDER TAIL OVER 50u" Ni Min
- SEE GS-12-1298 FOR PRODUCT SPEC.
- PACKAGING: TAPE AND REEL WITHOUT CAP.
- THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

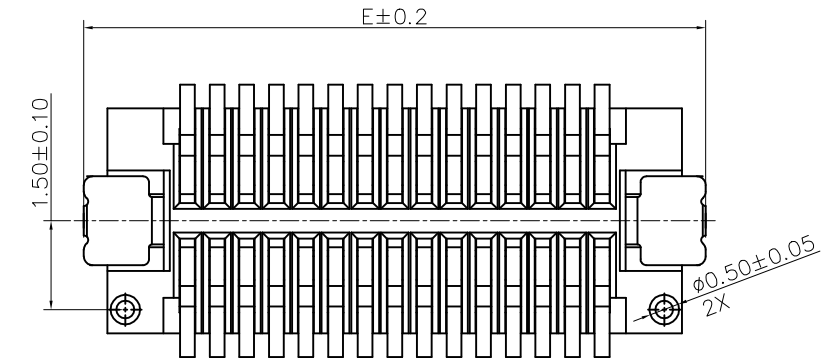
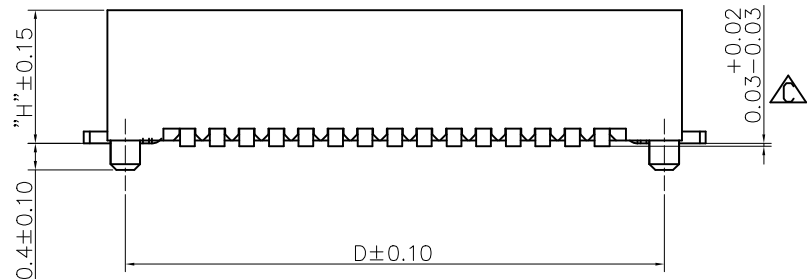
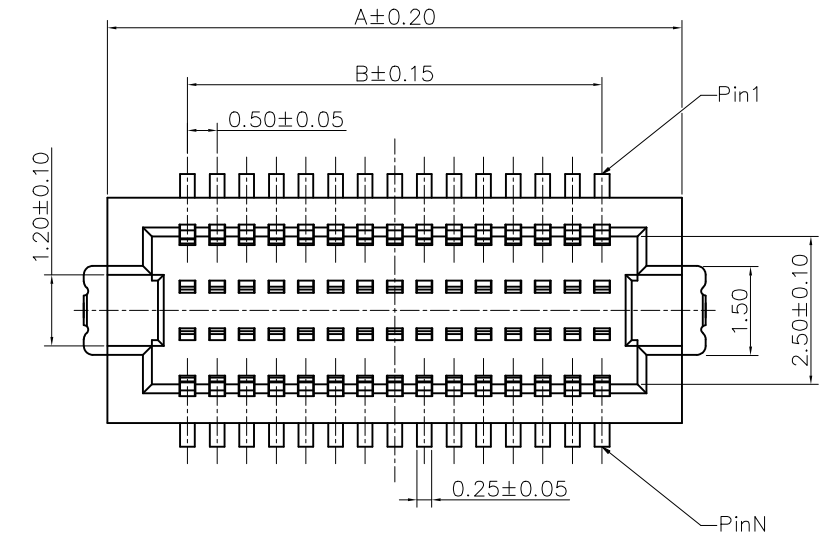
D

spec ref				dr	Yuan-Yuan Bao	2018/10/17		mm		size	A3	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Yuan-Yuan Bao	2018/10/17				ecn no				
				chr	-	-								
				appr	Tim Yao	2018/10/17					product family		Bergstak	-
surface		linear	0.X	±0.2		title 0.5mm PITCH BTB CONNECTOR				no	10132797		rev	C
			0.XX	±0.15										
			0.XXX	±0.10										
	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer drw				sheet 1 of 3			

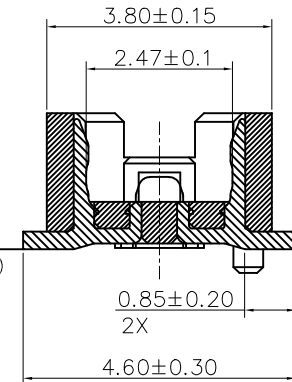
A

B

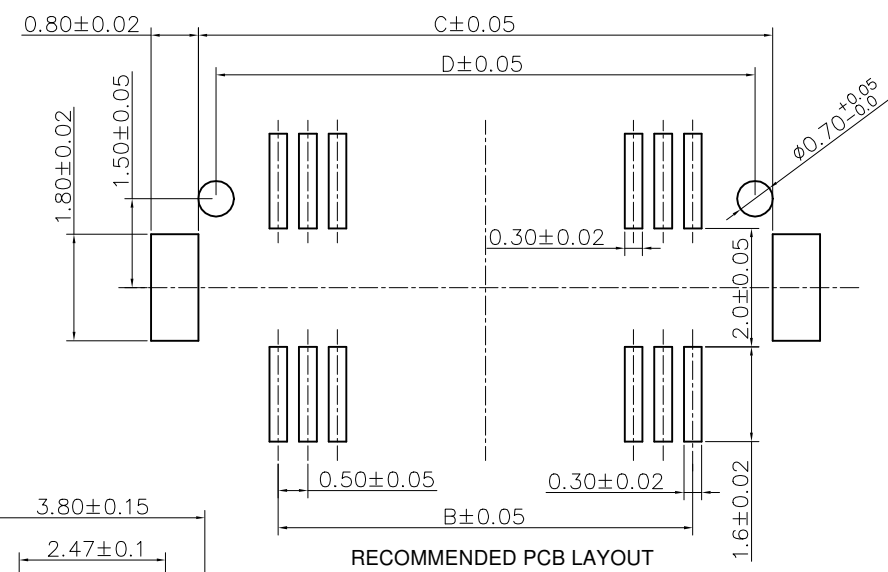
D



0.08
(ALL CONTACTS & HOLD DOWNS)



TYPE	"H"
PLUG 1	2.30
PLUG 2	2.80
PLUG 3	3.30
PLUG 4	3.80



pin.No.	A	B	C	D	E
10	4.70	2.00	4.70	4.10	5.50
20	7.20	4.50	7.20	6.60	8.00
30	9.70	7.00	9.70	9.10	10.50
40	12.20	9.50	12.20	11.60	13.00
50	14.70	12.00	14.70	14.10	15.50
60	17.20	14.50	17.20	16.60	18.00

PLUG 1~4

dr	Yuan-Yuan Bao	2018/10/17	projection	mm	size	A3	scale	1:1
eng	Yuan-Yuan Bao	2018/10/17			ecn no			
chr	-	-			product family	Bergstak	rel level	RELEASE
appr	Tim Yao	2018/10/17						
Amphenol FCI title 0.5mm PITCH BTB CONNECTOR PLUG					dwg no	10132797	rev	C
www.fci.com cat. no.					Product - Customer drw			sheet 2 of 3

A

B

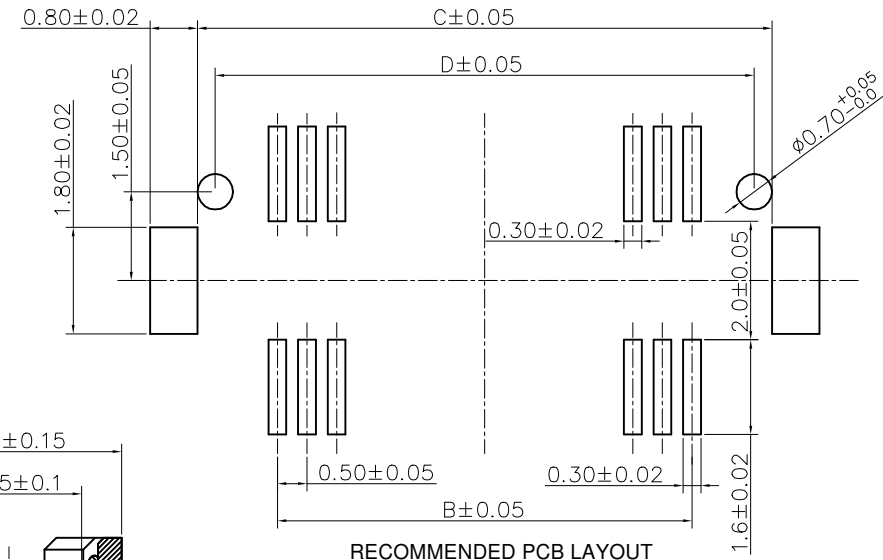
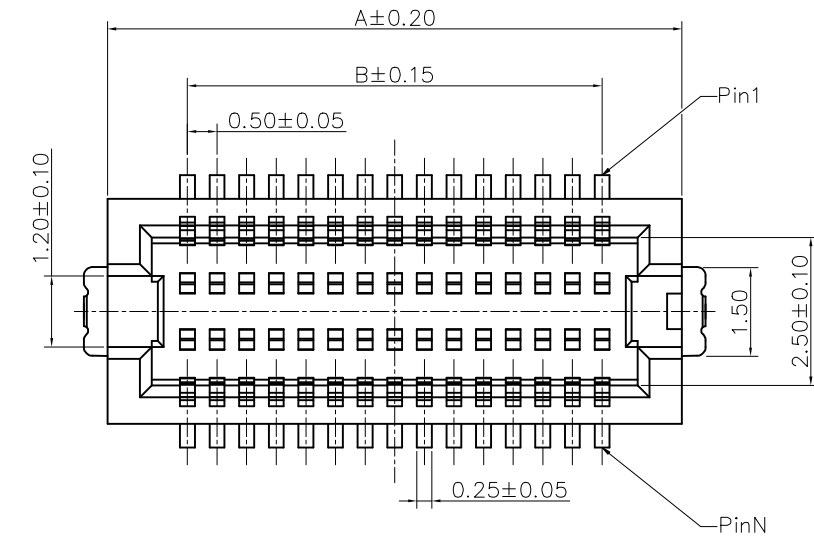
D

A

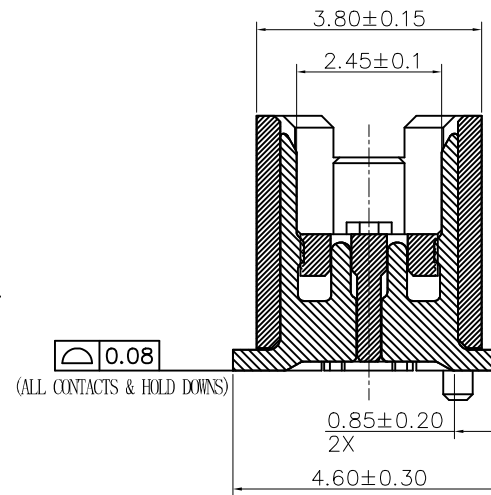
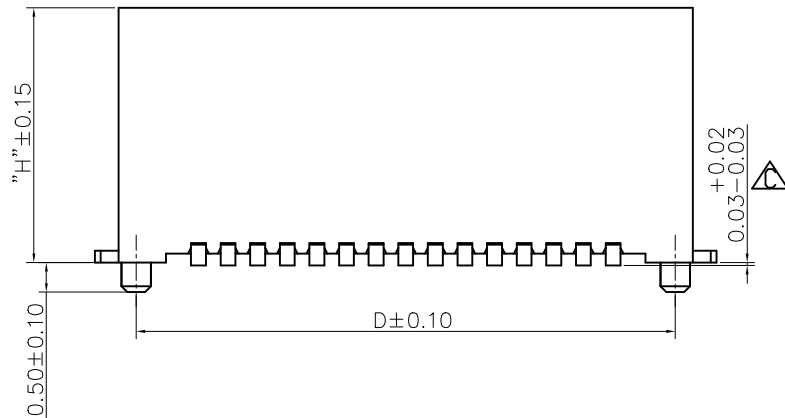
B

C

D

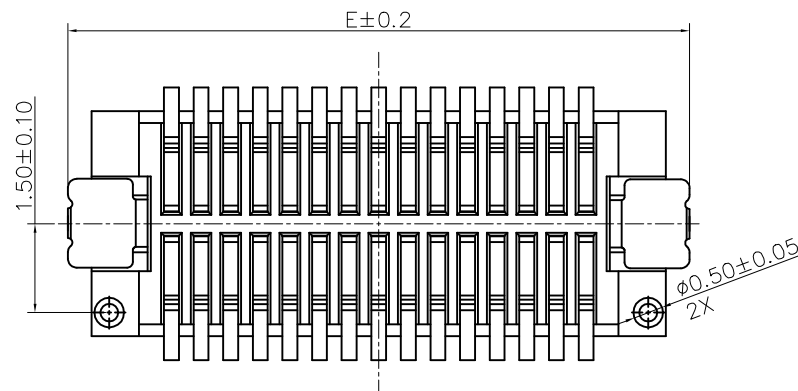


RECOMMENDED PCB LAYOUT



pin.No.	A	B	C	D	E
10	4.70	2.00	4.70	4.10	5.50
20	7.20	4.50	7.20	6.60	8.00
30	9.70	7.00	9.70	9.10	10.50
40	12.20	9.50	12.20	11.60	13.00
50	14.70	12.00	14.70	14.10	15.50
60	17.20	14.50	17.20	16.60	18.00

TYPE	"H"
PLUG 5	4.30
PLUG 6	4.80
PLUG 7	5.30



PLUG 5~7

dr	Yuan-Yuan Bao	2018/10/17	projection	mm	size	A3	scale	1:1
eng	Yuan-Yuan Bao	2018/10/17			ecr no			
chr	-	-			rel level			
appr	Tim Yao	2018/10/17	product family	Bergstak				
			0.5mm PITCH BTB CONNECTOR			10132797		
			PLUG			C		
www.fci.com			cat. no.			Product - Customer drw		
			-			sheet 3 of 3		