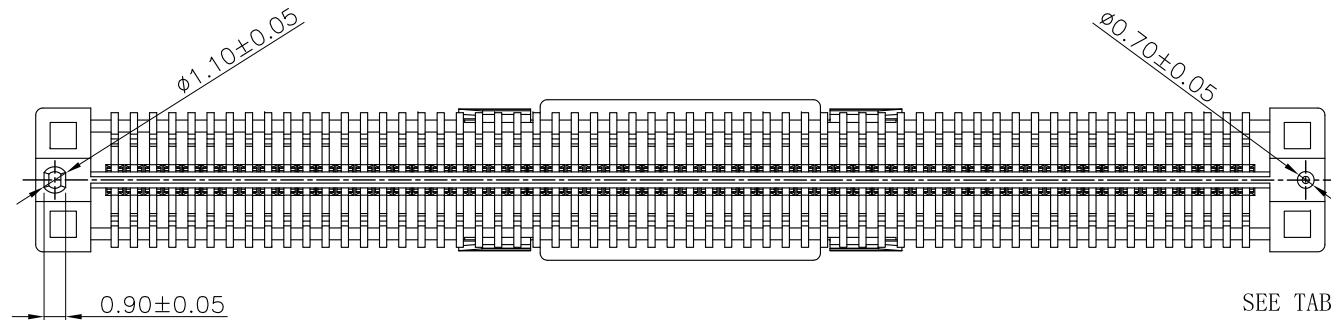
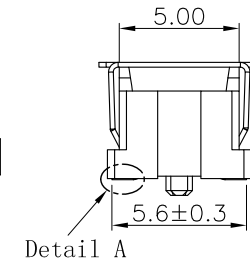
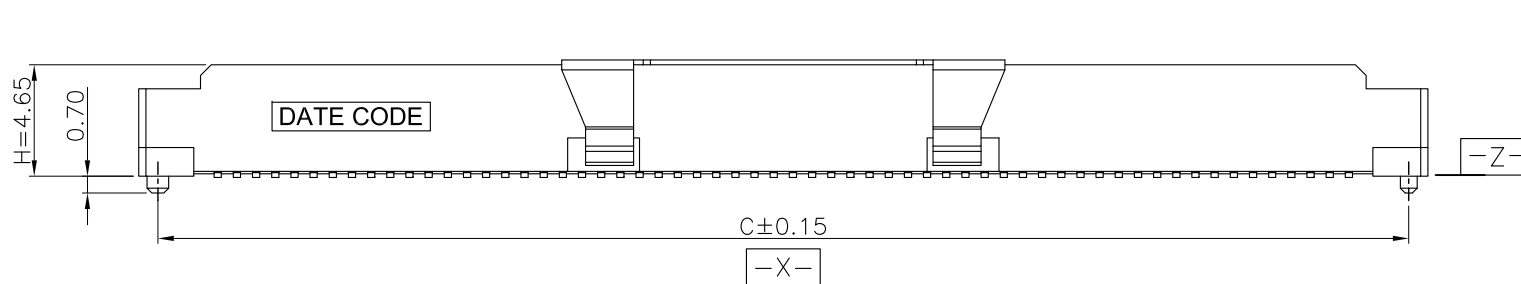
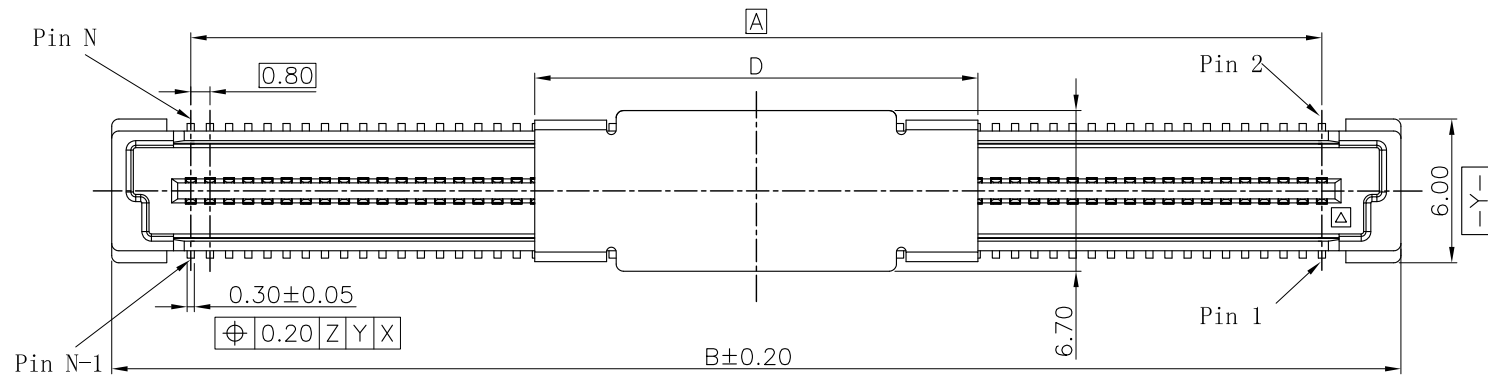


REV.	ECN Number	Description	Drawn
1	CS19010036	RELEASE	XPG_2019.01.09
②	E19040026	Modify Spec.	Peak_2019.04.26
③	E20030005	Remove the housing reinforcement	Peak_2020.03.06



SEE TABLE OF SHEET 2/2

Detail A
Scale 4:1



ShenZhen ShenTai weixiang Electronics Co., Ltd.

TOLERANCE UNLESS OTHERWISE SPECIFIED

X. X	± 0.30	X. °	$\pm 3^\circ$
X. XX	± 0.20	X. X°	$\pm 2^\circ$
X. XXX		X. XX°	$\pm 1^\circ$

SCALE	1:1
UNIT	mm
SIZE	A4

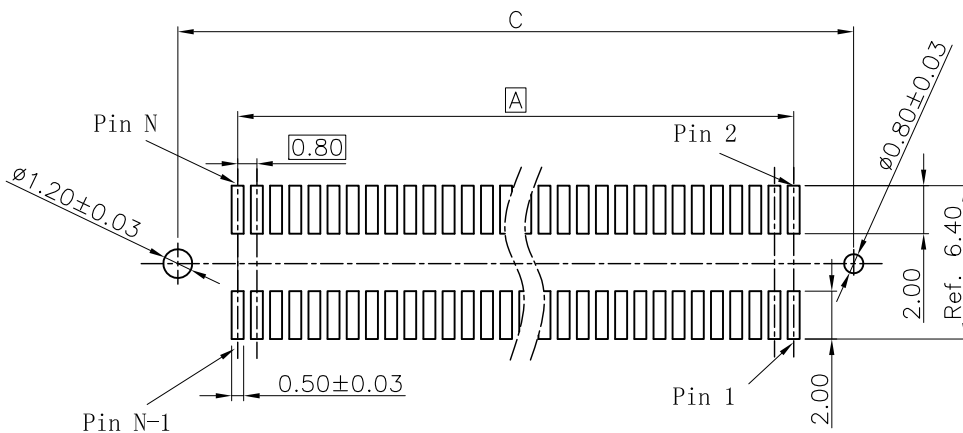
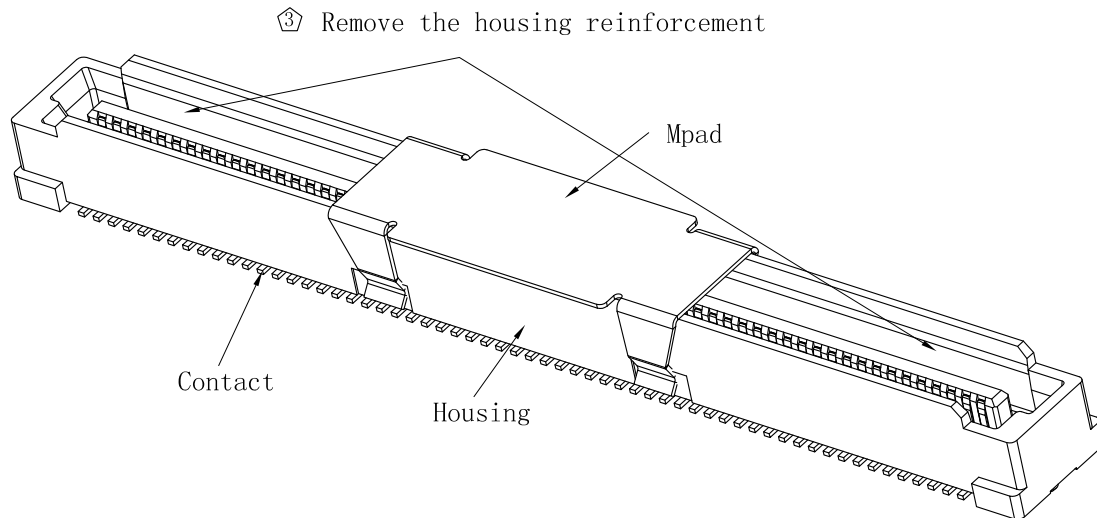
ORIGINAL DRAWN:	Peak
CHECK:	Xu Peiguang
APPROVE:	Ady Zhou

DATE	2020.03.06
DATE	2020.03.06
DATE	2020.03.06

DWG. NO.	600-0000-0434
PARTS NO. (INTENDED USE)	BA41-XXAT-XX-XHX

TITLE	BA41-XXAT CUSTOMER DRAWING
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REV.	3
SHEET	1/2



RECOMMENDED PCB LAYOUT

TOLERANCE±0.05

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. DIMENSION SHALL BE INTERPRETED PER ANSI Y14.5M-1994.

2. MATERIAL:

HOUSING MATERIAL: HIGH TEMPERATURE PLASTICS.

CONTACT MATERIAL: COPPER ALLOY,

MPAD MATERIAL: STAINLESS STEEL.

② 3. ELECTRICAL SPECIFICATION:

CONTACT RESISTANCE: 40 m ohms Max(Initial).

INSULATION RESISTANCE: 1000M ohms Min.

CURRENT RATING: 0.8A.

DIELECTRIC WITHSTANDING VOLTAGE: 500V AC rms./minute

② 4. MECHANICAL SPECIFICATION:

DURABILITY:30 CYCLES Min.

INSERTION FORCE: 90gf Max. Per Pin.

WITHDRAWAL FORCE: 10gf Min. Per Pin.

5. PRODUCT NUMBER MATRIX:

BA4	1-XX	A	T-X	X	-X	H	X	
BTB Series	Plug	PIN No.:N						Packing:
0.80Pitch		20~80:20~80PIN						B:REEL+MPAD
		AO:100PIN	GO:160PIN					H:Halogen free
		CO:120PIN	IO:180PIN					Plating
		EO:140PIN	KO:200PIN					
Height								
Soldering Type								
T:SMT								
0:Without Chamfer								
1:With Chamfer								
Housing Color								
Null:Nature								
B:Black								

Definition	Code
⊙ Matte Tin plated	A
⊙ Bright Tin plated	V
⊙ Duplex plated	
flash	K
1u"	S
3u"	L
5u"	M
10u"	N
15u"	P
20u"	Q
25u"	T
30u"	U
⊙ All plated is lead free.	

CKT	DIM.A	DIM.B	DIM.C	DIM.D	DIM.E
20	7.20	13.80	12.20	7.50	0.10
40	15.20	21.80	20.20		
60	23.20	29.80	28.20		
80	31.20	37.80	36.20	18.50	0.12
100	39.20	45.80	44.20		
* 120	47.20	53.80	52.20		
140	55.20	61.80	60.20		
160	63.20	69.80	68.20		
180	71.20	77.80	76.20		
200	79.20	85.80	84.20		



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TOLERANCE UNLESS OTHERWISE SPECIFIED

X. X	±0.30	X. °	±3°
X. XX	±0.20	X. X°	±2°
X. XXX		X. XX°	±1°

SCALE 1:1

UNIT mm

SIZE A4



ORIGINAL DRAWN:

Peak

DATE

2020.03.06

CHECK:

Xu Peiguang

DATE

2020.03.06

APPROVE:

Ady Zhou

DATE

2020.03.06

DWG. NO.

600-0000-0434

PARTS NO. (INTENDED USE)

BA41-XXAT-XX-XHX

TITLE

BA41-XXAT
CUSTOMER DRAWING

REV.

3

SHEET

2/2