



Shenzhen Shentai Weifang Electronics Co., Ltd.

TOLERANCE UNLESS OTHERWISE SPECIFIED	
X.X	±0.30
X.XX	±0.20
X.XXX	±1°

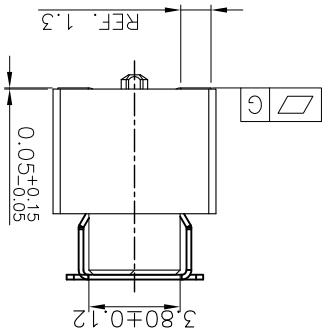
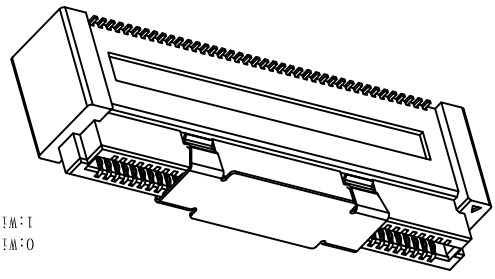
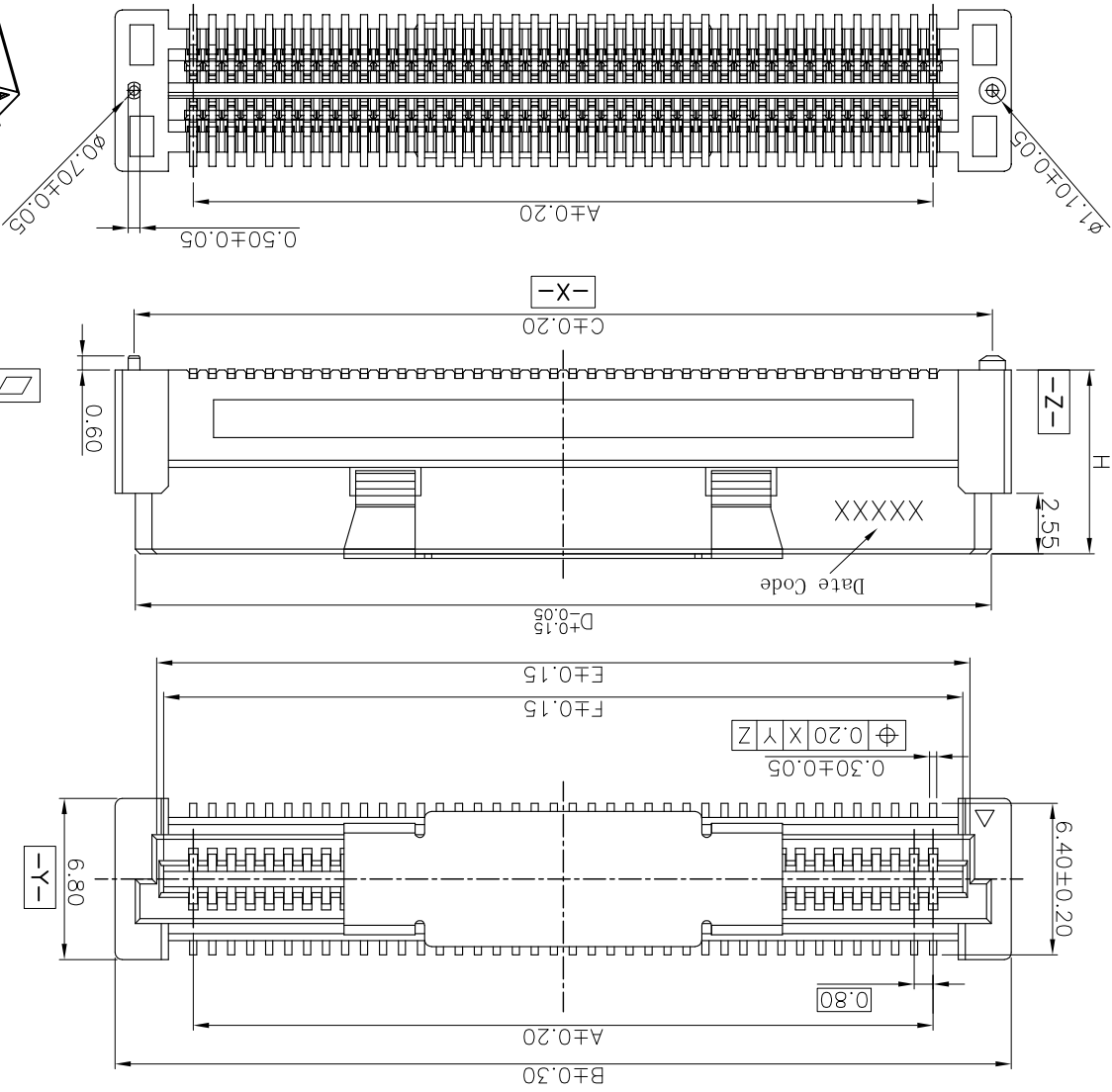
SCALE	1:1
UNIT	mm
SIZE	A4

ORIGINAL DRAWN:	Xu Peiguang
CHECK:	Xie Yong
APPROVE:	Ady Zhou

DATE	2018.03.26
DATE	2018.03.26
DATE	2018.03.26

DWG. NO.	600-0000-0223
PARTS NO. (INTENDED USE)	BA42-XXXT-XX-XHX

REV.	2
SHEET	1/3
TITLE	BA42 CUSTOMER DRAWING



Notes:

- 1. DIMENSION SHALL BE INTERPRETED PER ANSI Y14.5M-1994.
- 2. MATERIAL: HIGH TEMPERATURE PLASTICS.
- 3. ELECTRICAL SPECIFICATION: VACUUM COVER MATERIAL: STAINLESS STEEL. CONTACT RESISTANCE: 50 m ohms Max(Initial). INSULATION RESISTANCE: 100M ohms Min. CURRENT RATING: 0.5A. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC rms./minute.
- 4. MECHANICAL SPECIFICATION: DURABILITY:30 CYCLES. INSERTION FORCE: 150gf Max. PER PIN. WITHDRAWAL FORCE: 25gf Min. PER PIN.
- 5. PRODUCT NUMBER MATRIX:

BTB	Series code	B A 4 2-XX X 1-X X -X H X
Packing:	B: REEL+MPAD	
	Q: HOT SEALING	
	REEL+MPAD	
	H: Halogen free	
	Plating	
	Code	
	Definition	
	A	Matte Tin plated
	V	Bright Tin plated
		Gold plated over all
	C	Flash B 1u" R 3u" C
	F	5u" D 10u" E 15u" F
	J	20u" G 25u" H 30u" J
		Duplex plated
	L	Flash K 1u" S 3u" L
	P	5u" M 10u" N 15u" P
	U	20u" Q 25u" T 30u" U
		All plated is lead free.

Height: B: H=7.75mm C: H=11.75mm

Soldering Type: T: SMT

Housing Color: Null: Nature B: Black

1: With Chamfer 0: Without Chamfer

REV.	ECN Number	E17070069	I	ADD PART NUMBER	XPG_2018_03_26
	Description	RELEASE			
	Drawn				



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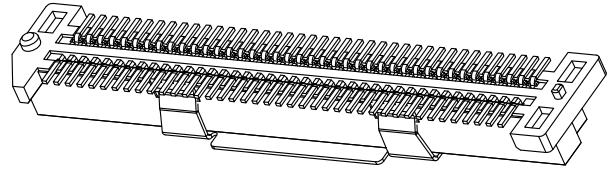
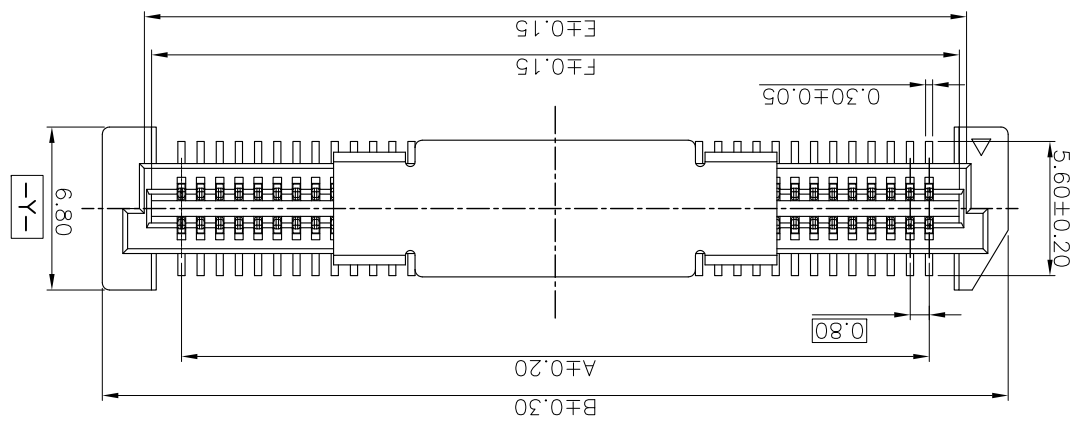
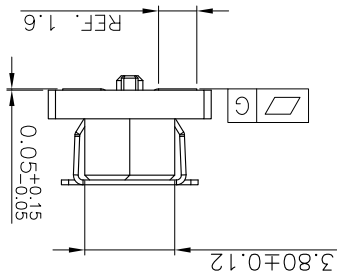
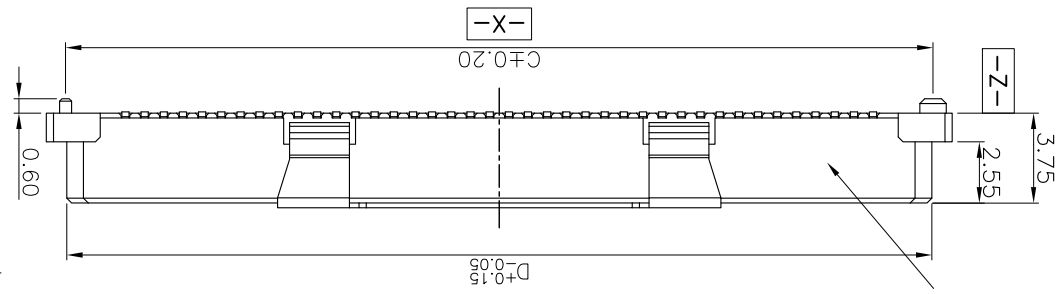
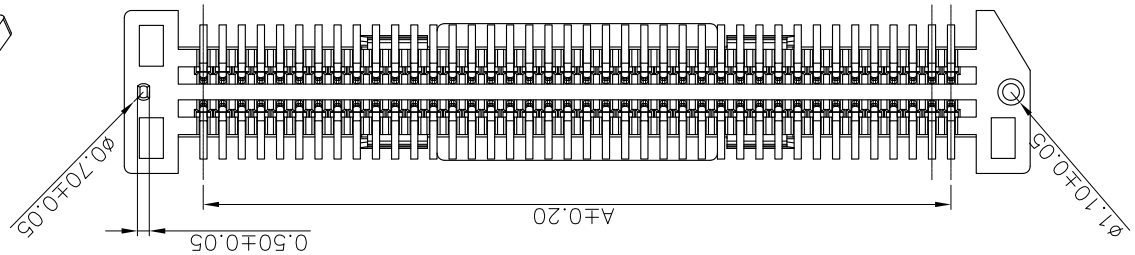
X.XXX	±1°	X.XX°	±1°
X.XX	±2°	X.X°	±2°
X.X	±3°	X°	±3°
TOLERANCE UNLESS OTHERWISE SPECIFIED			

SCALE	1:1
UNIT	mm
SIZE	A4

DATE	2018.03.26	DATE	2018.03.26
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APPROVE:	Ady Zhou	CHECK:	Xie Yong
ORIGINAL DRAWN:	Xu Peiguang		

DWG. NO.	600-0000-0223
PARTS NO. (INTENDED USE)	BA42-XXXT-XX-XHX
TITLE	CUSTOMER DRAWING

REV.	2
SHEET	2/3



Definition	Code
Matte Tin plated	A
Bright Tin plated	V
Gold plated over all	
Flash B	1u" R 3u" C
Flash D	10u" E 15u" F
Flash G	25u" H 30u" J
Flash K	1u" S 3u" L
Flash M	10u" N 15u" P
Flash Q	25u" T 30u" U
©All plated is lead free.	

BTB
 Series code
 0.80 Pitch
 Receptacle
 PIN No.
 40:80;40:80PIN
 A0:100PIN ; 60:160PIN
 C0:120PIN ; 10:180PIN
 E0:140PIN ; K0:200PIN
 Height
 A: H=3.75mm
 Soldering Type
 T: SMT
 0: Without Chamfer
 1: With Chamfer
 Housing Color
 Null: Nature
 B: Black

- NOTES: (UNLESS OTHERWISE SPECIFIED)
- DIMENSION SHALL BE INTERPRETED PER ANSI Y14.5M-1994.
 - MATERIAL:
 HOUSING MATERIAL: HIGH TEMPERATURE PLASTICS.
 CONTACT MATERIAL: COPPER ALLOY.
 VACUUM COVER MATERIAL: STAINLESS STEEL.
 - ELECTRICAL SPECIFICATION:
 CONTACT RESISTANCE: 50 m ohms Max(initial).
 INSULATION RESISTANCE: 100M ohms Min.
 CURRENT RATING: 0.5A.
 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC rms/minute
 - MECHANICAL SPECIFICATION:
 DURABILITY: 30 CYCLES.
 INSERTION FORCE: 150gf Max. PER PIN.
 WITHDRAWAL FORCE: 25gf Min. PER PIN.
 - PRODUCT NUMBER MATRIX:
 B A 4 2-XX X T-X X -X H X

Not enough space to print date code



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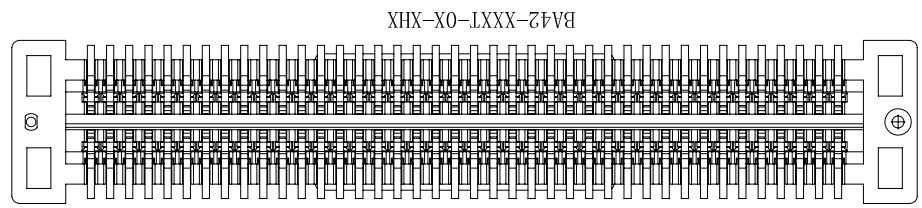
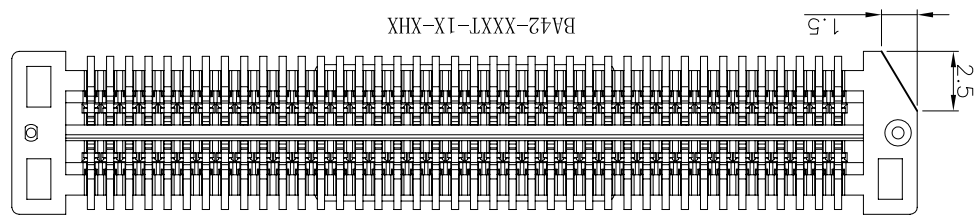
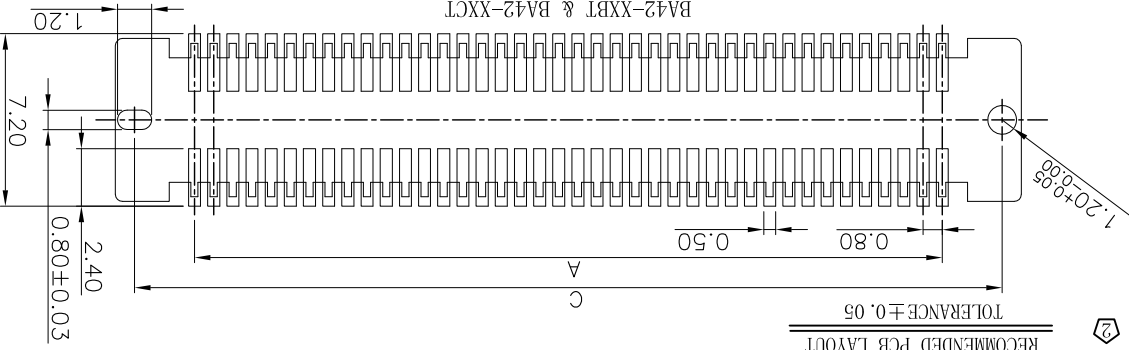
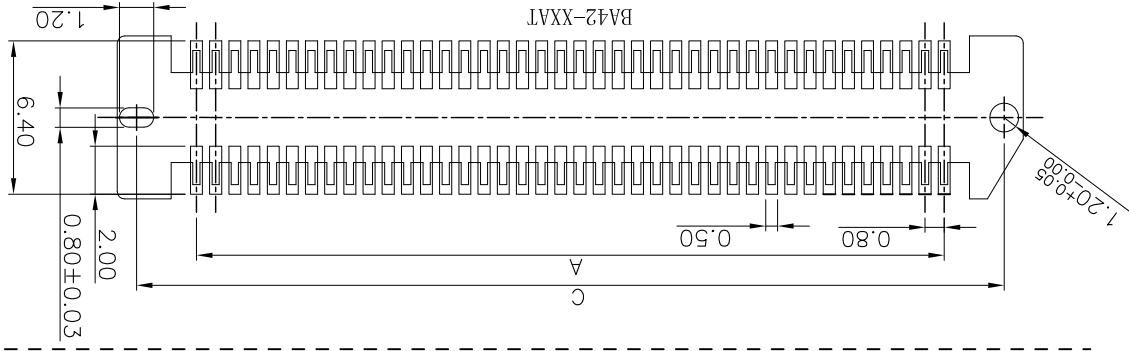
TOLERANCE UNLESS OTHERWISE SPECIFIED

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

SCALE	1:1
UNIT	mm
SIZE	A4

DATE	2018.03.26	ORIGINAL DRAWN:	Xu Peiguang
DATE	2018.03.26	CHECK:	Xie Yong
DATE	2018.03.26	APPROVE:	Ady Zhou

REV.	2	TITLE	600-0000-0223	DWG. NO.	600-0000-0223
SHEET	3/3	CUSTOMER DRAWING	BA42	PARTS NO. (INTENDED USE)	BA42-XXXX-XX-XHX



PRODUCT NUMBER MATRIX: BA42-XXXXT-XX-XHX
 1 Without Chamfer
 1 With Chamfer

PIN NO.	CIRCUITS	DIM.A	DIM.B	DIM.C	DIM.D	DIM.E	DIM.F	DIM.G
20	20PIN	7.20	13.80	12.80	12.10	10.7	9.70	0.10
40	40PIN	15.20	21.80	20.20	20.10	18.7	17.7	0.10
60	60PIN	23.20	29.80	28.20	28.10	26.7	25.7	0.10
80	80PIN	31.20	37.80	36.20	36.10	34.7	33.7	0.12
A0	100PIN	39.20	45.80	44.20	44.10	42.7	41.7	0.12
C0	120PIN	47.20	53.80	52.20	52.10	50.7	49.7	0.12
E0	140PIN	55.20	61.80	60.20	60.10	58.7	57.7	0.12
G0	160PIN	63.20	69.80	68.20	68.10	66.7	65.7	0.12
I0	180PIN	71.20	77.80	76.20	76.10	74.7	73.7	0.12
K0	200PIN	79.20	85.80	84.20	84.10	82.7	81.7	0.12

OLD AND PART NO. COMPARISION	
OLD	NEW
ZIV-40S4-VN-1-B	BA42-40CT-0-NHB
ZIV-80S4-N-1-B	BA42-80CT-0-NHB
ZIV80S4N1B	BA42-80NB-H-003
AB42-80NB-1-003	BA42-80CT-1-NHB
ZIV-40S5-N-1-B-S01	BA42-40BT-1-NHB
ZIV-80S5-N-1-B-S01	BA42-80BT-1-NHB
AB42-80NB-H-001	BA42-80AT-1-NHB
AB42-A0NB-H-002	BA42-A0BT-0-NHB

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