



Shenzhen Shentai Weifang Electronics Co., Ltd.

TOLERANCE UNLESS OTHERWISE SPECIFIED

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

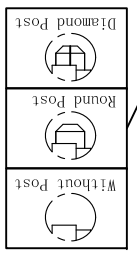
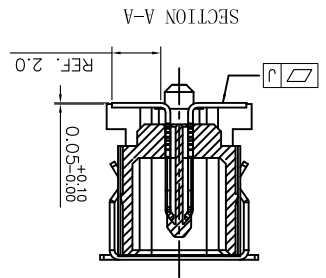
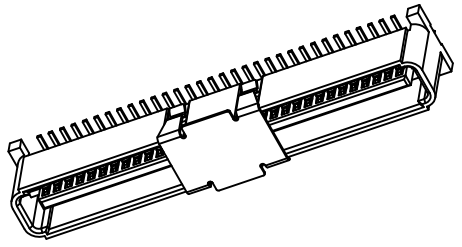
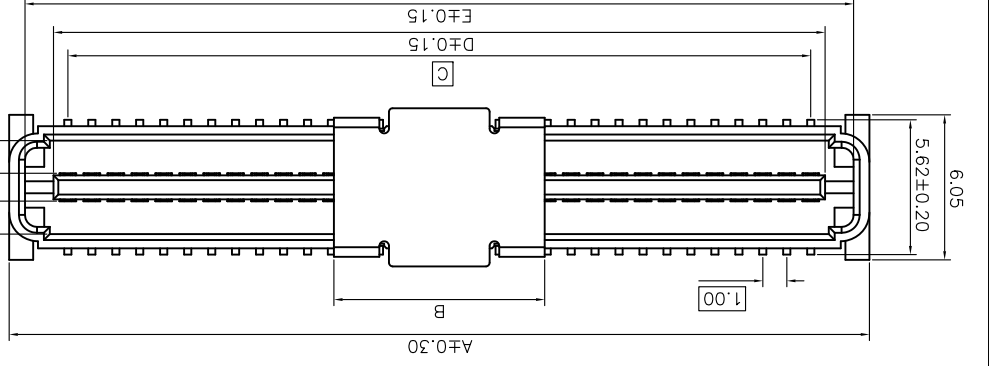
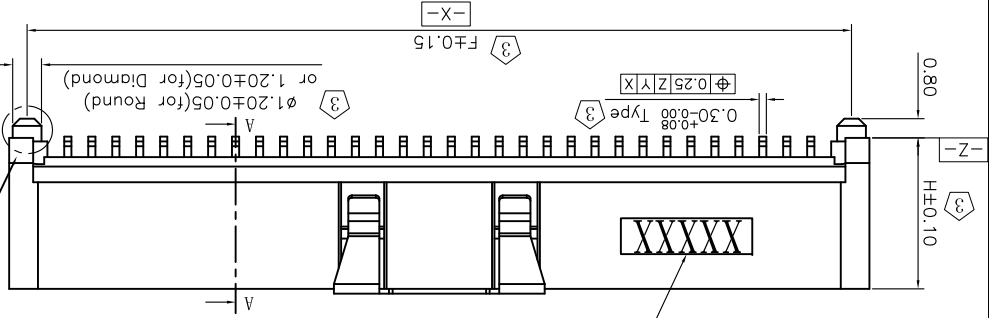
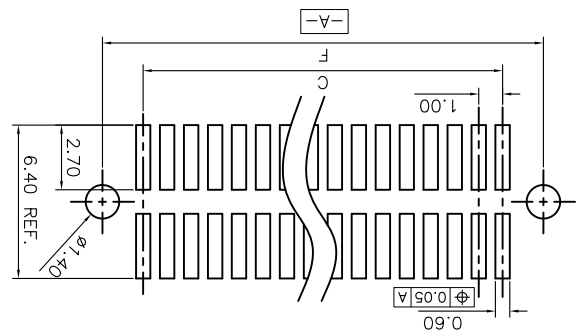
SCALE	1:1
ORIGINAL DRAWN:	Xu Feiguang
CHECK:	Xie Yong
APPROVE:	Ady Zhou

DATE	2018.03.16
DATE	2018.03.16
DATE	2018.03.16

REV.	3	TITLE	600-0000-0220
SHEET	1/2	PARTS NO. (INTENDED USE)	BA51-XXXT-XX-XXH
		CUSTOMER DRAWING	BA51

OLD AND NEW PART NO. COMPARISON	NEW	BA51-64AT-1-UHB	BA51-64CT-1-UHB
OLD	NEW	BA51-64UB-H-001	BA51-84AT-1-UHB
OLD	NEW	BA51-84UB-H-001	BA51-64CT-2B-UHB
OLD	NEW	BA51-64UB-H-003	BA51-64UB-H-003

RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05



Definition	Code
Matte Tin plated	A
Bright Tin plated	V
Gold plated over all	
Flash B In R 3u C	
Flash D 10u E 15u F	
Flash G 25u H 30u J	
Without Post	0
Round Post	1
Dimplex plated	
Flash K In S 3u L	
Flash M 10u N 15u P	
Flash Q 25u T 30u U	
All plated is lead free.	

Height	A: H=8.35mm
	B: H=7.35mm
	C: H=6.35mm
Soldering Type	T:SMT
Without Post	0
Round Post	1
Dimplex plated	
Flash K In S 3u L	
Flash M 10u N 15u P	
Flash Q 25u T 30u U	
All plated is lead free.	

- 1. DIMENSION SHALL BE INTERPRETED PER ANSI Y14.5M-1994.
- 2. MATERIAL:
- HOUSING MATERIAL: HIGH TEMPERATURE PLASTICS, UL 94V-0.
- CONTACT MATERIAL: COPPER ALLOY, T=0.20mm
- VACUUM COVER MATERIAL: STAINLESS STEEL, T=0.20mm
- 3. ELECTRICAL SPECIFICATION:
- CONTACT RESISTANCE: 30 m ohms Max Initial.
- INSULATION RESISTANCE: 1000M ohms Min.
- OPERATION VOLTAGE: 100V AC/DC
- CURRENT RATING: 1.0A
- DIELECTRIC WITHSTANDING VOLTAGE: 250V AC
- 4. MECHANICAL SPECIFICATION:
- CONTACT RETENTION FORCE: 250g Min.
- INSERTION FORCE: 120g Max. PER PIN.
- WITHDRAWAL FORCE: 10g Min. PER PIN.
- 5. OPERATING TEMPERATURE: -55° C To +85° C
- 6. PRODUCT NUMBER MATRIX:

REV.	ECN Number	Description	Drawn
1	CS17060075	RELEASE	XPG_2017.06.17
2	E17060038	CHANGE 84PIN DATE CODE POSITION(PAGE2)	XPG_2017.06.23
3	E18030012	ADD PART NUMBER	XPG_2018.03.16



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TOLERANCE UNLESS OTHERWISE SPECIFIED

X.XXX	±1.0°	X.XX°	±1.0°
X.XX	±0.20	X.X°	±2.0°
X.X	±0.30	X.°	±3.0°

SCALE	1:1
UNIT	mm
SIZE	A4

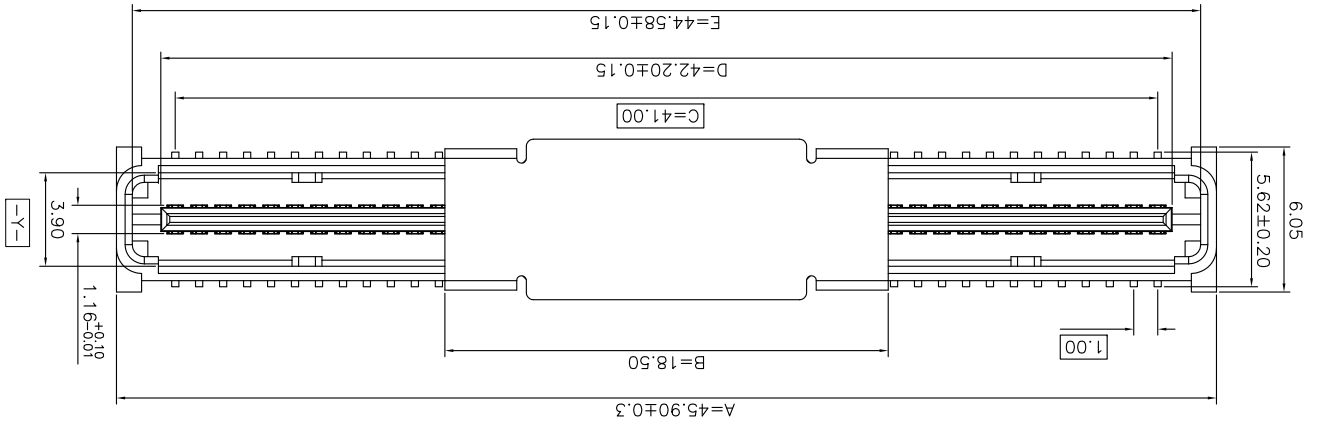
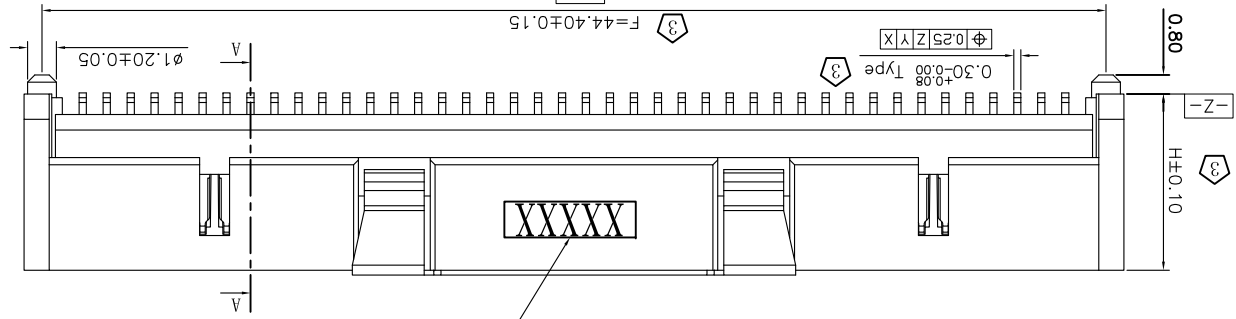
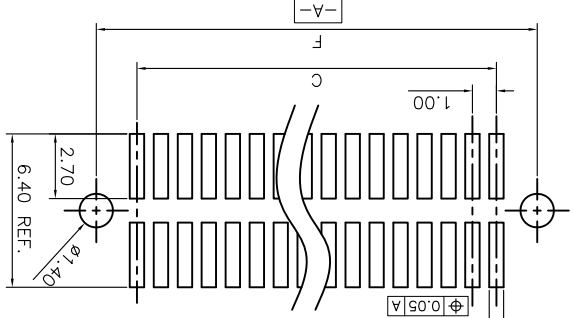
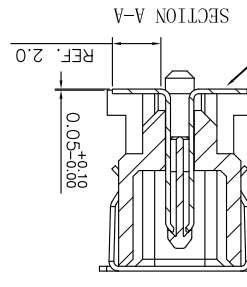
ORIGINAL DRAWN:	Xu Feiguang
CHECK:	Xie Yong
APPROVE:	Ady Zhou

DATE	2018.03.16
DATE	2018.03.16
DATE	2018.03.16

REV.	3
SHEET	2/2
CUSTOMER DRAWING	
BA51	
PARTS NO. (INTENDED USE)	
BA51-XXXT-XX-XXH	
TITLE	
600-0000-0220	
DWG. NO.	
600-0000-0220	

OLD AND NEW PART NO. COMPARISON	OLD	NEW
	AB51-84UB-H-001	BA51-84AT-1-UHB
	N/A	BA51-84BT-1-UHB

RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05

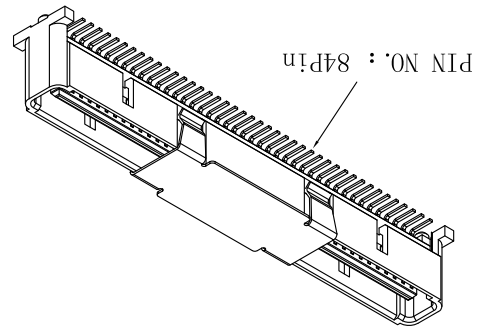


② 84PIN DATE CODE

NOTES: (UNLESS OTHERWISE SPECIFIED)
7. PRODUCT NUMBER MATRIX:

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

- Height: A: H=8.35mm, B: H=7.35mm, C: H=6.35mm
- Series code: B A 5 1-XX X T-X X -X H X
- Plug: 84:84PIN
- Pin No. 1.00 Pitch
- Packing: B: REEL+MPAD, q: HOT SEALING, REEL+MPAD, H: Halogen free
- Plating: Matte Tin plated, Bright Tin plated, Cold plated over all
- Soldering Type: T: SMT
- Without Post: 0: Without Post, 1: Round Post
- Housing Color: Null: Nature, B: Black



③ PIN NO.: 84Pin

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