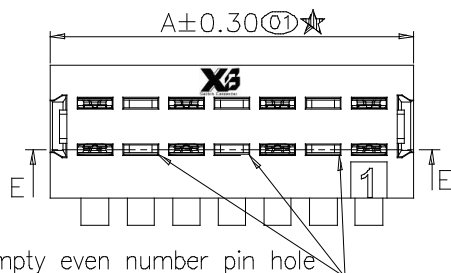
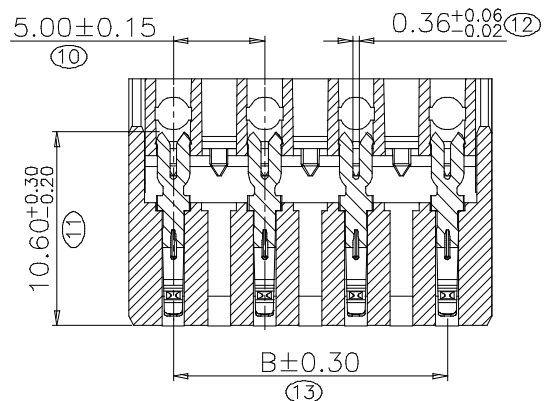


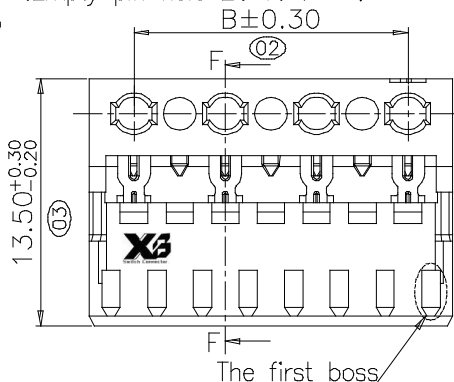
Shipping Arrangement: 50 sets per strip
Shipped in carton box



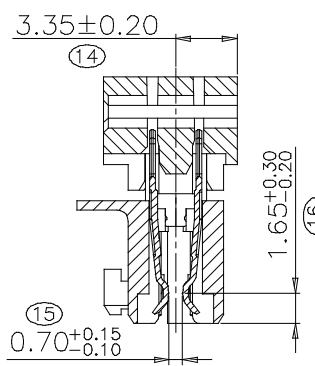
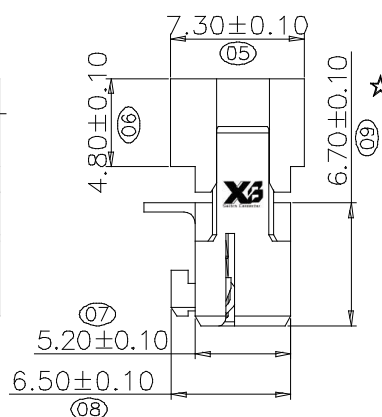
Empty even number pin hole
(Empty pin hole 2, 4, 6.....)



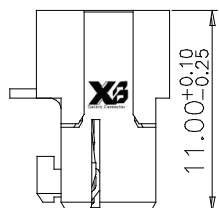
SECTION E-E



The first boss

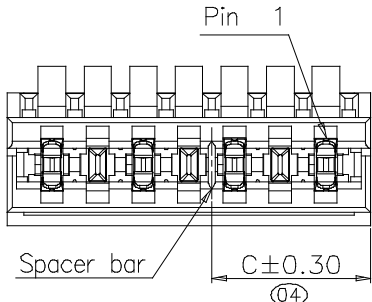


SECTION F-F



Fully Loaded

Note:
1.The first boss is consistent with the direction of the first pin.



Specifications
Current Rating:2.0Amp.
Insulation Resistance:1000MΩMin.
Dielectric Withstanding Voltage:1200VAC.
Contact Resistance:10mΩMax.
Operating Temperature:−40°C to +125°C.
Materials
Contact Material:Phosphor Bronze.
Insulator Material:Thermoplastic,
UL 94V−0 PBT,NYLON 66 or the
equivalent material.

☆All materials must meet XI BANG
hazardous substances control standards.
"☆": Critical Characteristics.
indicates product characteristics,
functionalities, and manufacturing processes
regarding to customer's specifications.
"☆": Safety Features
indicates product characteristics,
functionalities, and manufacturing processes
complying to legal regulations stated by
local government.

| Pin NO. | A | B |
|---------|-------|-------|
| 02 | 9.90 | 5.00 |
| 03 | 14.90 | 10.00 |
| 04 | 19.90 | 15.00 |
| 05 | 24.90 | 20.00 |
| 06 | 29.90 | 25.00 |
| 07 | 34.90 | 30.00 |
| 08 | 39.90 | 35.00 |
| 09 | 44.90 | 40.00 |

| Spacer bar | C | D |
|------------|-------|-------|
| 00 | | |
| 12 | 3.70 | 1.25 |
| 23 | 6.20 | 3.75 |
| 34 | 8.70 | 6.25 |
| 45 | 11.20 | 8.75 |
| 56 | 13.70 | 11.25 |
| 67 | 16.20 | 13.75 |
| 78 | 18.70 | 16.25 |
| 89 | 21.20 | 18.75 |
| 9A | 23.70 | 21.25 |
| AB | 26.20 | 23.75 |
| BC | 28.70 | 26.25 |
| CD | 31.20 | 28.75 |
| DE | 33.70 | 31.25 |
| EF | 36.20 | 33.75 |
| FG | 38.70 | 36.25 |
| GH | 41.20 | 38.75 |

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DONG GUAN XI BANG ELECTRONICS CO.,LTD

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PROJ.
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| GENERAL TOLERANCE | |
|-------------------|-----------|
| X.*±5.0° | X.±0.30 |
| .X.*±3.0° | .X±0.25 |
| .XX.*±2.0° | .XX±0.15 |
| .XXX.*±1.0° | .XXX±0.10 |

DESIGNED:
CHECKED:
APPROVED:

DATE:
DATE:
DATE:

DWG. NO.
XB-RAST-110
PART NO.

TITLE.
RASTLink 5.0mm
Single Row
Female Connector

| REV. | UNIT. | SCALE. |
|------|-------|--------|
| 01 | mm | 5:2 |

Ordering Information

XB-RAST-110 - XX XX A X XX X X A B - PXX - TXX

No. Of Pins
Per Row
02~09

Standard Plating
05=1u"Gold and
80~160u" Bright tin
over 50~100u" Ni
underplate overall.
64=3u"Gold and
80~160u" Bright tin
over 50~100u" Ni
underplate overall.
97=100~180u"
Bright tin over
50~100u" Ni
underplate overall.

Product form
distinguishing
serial number
A、B、C.....
See the
following table
for specific
differences

Spacer bar Code explanation:
00: No keying
12: Keying between pin hole 1
and pin hole 2
23: Keying between pin hole 2
and pin hole 3
...and so on
(When the pin hole number is
above 10, use the letters A,
B, C...
A for 10, B for 11... and so
on, for example,when the code
is AB, it means there is a
key between the 10th Pin hole
and the 11th Pin hole)

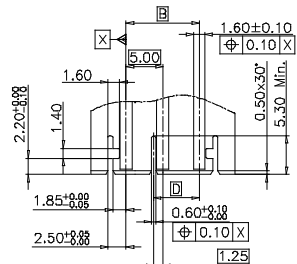
Plastic material
A=PBT(Halogen)
E=NYLON 66(Halogen)

Color
1=Black
4=Natural

Empty Pin Code explanation:
P0: No empty pins(This code can be
omitted)
P1: Empty 1st Pin
P2: Empty 2nd Pin
...
P23: Empty 2nd Pin and 3rd Pin
...and so on

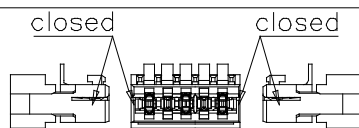
Remove the boss code:(See note 1)
TN: The boss is all removed
T0: The boss is not removed(This code
can be omitted)
T1: Remove the 1st boss
T2: Remove the 2nd boss
...
T23: Remove the 2nd and 3rd bosses
...and so on(When the pin number is
above 10, use the letters A, B, C...
A for 10, B for 11.... And so on.For
example,
TA: Remove the 10th boss
T8C: Remove the 8th and 12th bosses
TAB: Remove the 10th and 11th bosses)

PCB layout

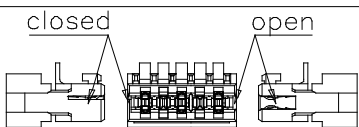


Layout 1:PCBoard 1.50±0.14mm

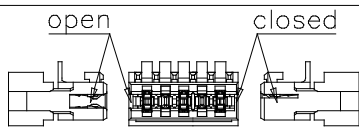
Product form (buckle)



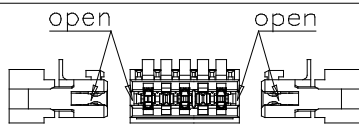
Applicable products:
XB-RAST-110-A



Applicable products:
XB-RAST-110-B

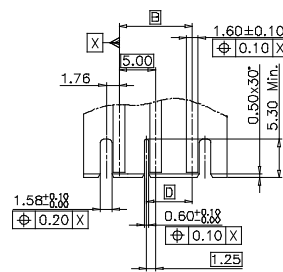


Applicable products:
XB-RAST-110-C



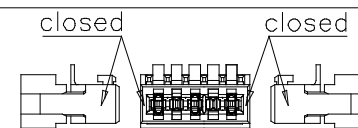
Applicable products:
XB-RAST-110-D

PCB layout

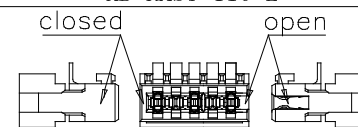


Layout 2:PCBoard 1.50±0.14mm

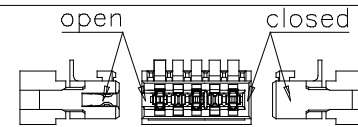
Product form (without buckle)



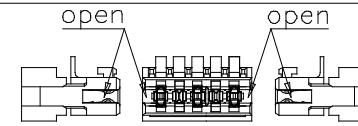
Applicable products:
XB-RAST-110-E



Applicable products:
XB-RAST-110-F



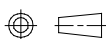
Applicable products:
XB-RAST-110-G



Applicable products:
XB-RAST-110-H

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GENERAL TOLERANCE

| | |
|------------|-----------|
| X.°±5.0° | X.±0.30 |
| .X°±3.0° | .X±0.25 |
| .XX°±2.0° | .XX±0.15 |
| .XXX°±1.0° | .XXX±0.10 |

DESIGNED:

CHECKED:

APPROVED:

DATE:

DATE:

DATE:

DWG. NO.

XB-RAST-110

PART NO.

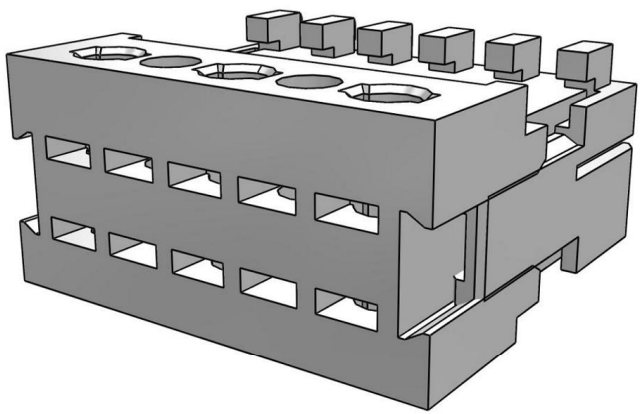
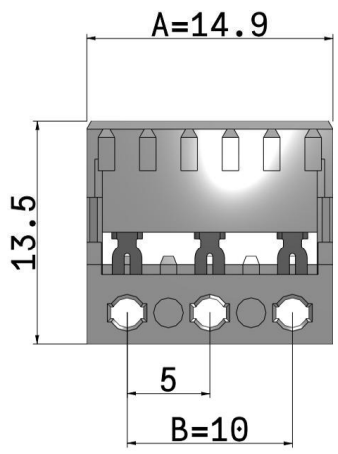
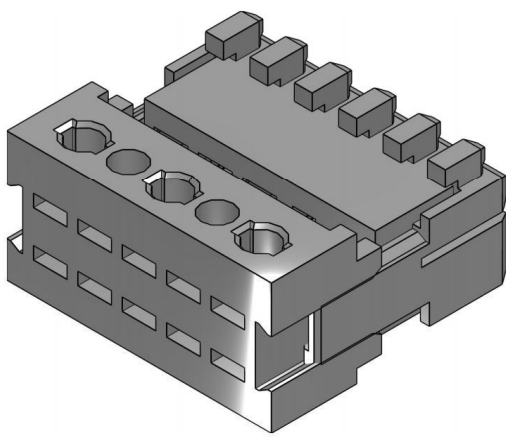
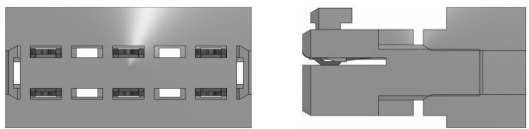
TITLE.

RASTLink 5.0mm
Single Row
Female Connector

REV. 01 UNIT. mm SCALE. 1:1

ISO view

2D derivation





Bill-Of-Materials

| N° | 描述 | 数量 |
|-----|-------------------|----|
| 1 | 110 -0305AA00A4AB | 1 |
| 1.1 | 110 -A3000dy 0 | 1 |
| 1.2 | 110-A03HSG2 000 0 | 1 |
| 1.3 | 110- terminal | 3 |
| 1.4 | 110-03HSG | 1 |

Specifications
Current Rating:2.0Amp
Insulation Resistance:1000MΩMin.
Dielectric Withstanding Voltage:500VAC
Contact Resistance:10mΩMax.
Operating Temperature:-40°C to +130°C
Materials
Contact Material:Phosphor Bronze
Insulator Material:Thermoplastic,
UL 94V-0 PBT or the equivalent material
☆All materials must meet XI BANG
hazardous substances control standards.
"★": Critical Characteristics.
indicates product characteristics, functionalities,
and manufacturing processes regarding to
customer's specifications.
"☆": Safety Features.
indicates product characteristics, functionalities,
and manufacturing processes complying to
legal regulations stated by local government.

| | |
|--------------------|---|
| CNSTYPECODE (訂購代碼) | 110 -0305AA00A4AB |
| PIN (PIN數) | 3 |
| XX (產品形態) | A |
| S (隔欄位置) | 00 |
| A (尺寸信息 / mm) | 14.9 |
| B (尺寸信息 / mm) | 10 |
| C (尺寸信息) | 0 |
| PLATING (電鍍信息) | 05:底鍍50~100 μ", 半金錫, 鍍金1 μ", 鍍錫80~160 μ". |
| MATERIAL1 (絕緣材質) | A=PBT (不耐高溫) |
| MATERIAL2 (接觸材料) | A=磷銅 |
| COLOR (顏色) | 4=自然色 |
| PACK (包裝) | B=十行盒 |

| | | | | | | | | | |
|---|-------------|---------------|---|-------------------|-----------|-----------|-------|-------------------------|--------|
|  东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD | | | 3RD.ANG PROJ.  | GENERAL TOLERANCE | | DESIGNED: | DATE: | DWG. NO. XB-RAST-110 | TITLE. |
| | | | | X.'±5.0' | X.±0.30 | | | | |
| REV. 01 | UNIT. mm | SCALE. 5:2 | PAGE. 1/2 | .X'±3.0' | .X±0.25 | CHECKED: | DATE: | PART NO. | |
| | | | | .XX'±2.0' | .XX±0.15 | APPROVED: | DATE: | | |
| | | | | .XXX'±1.0' | .XXX±0.10 | | | | |