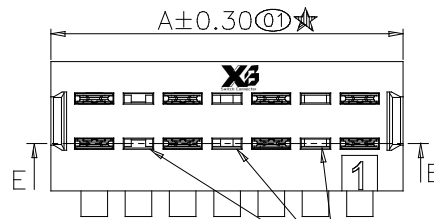
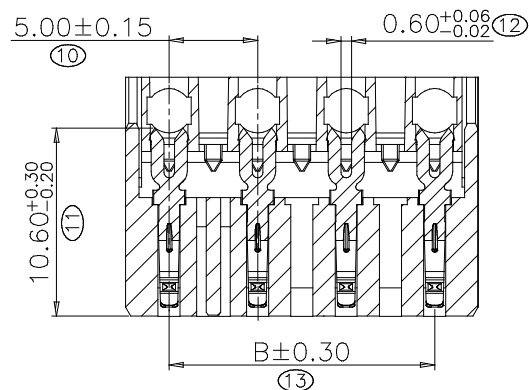


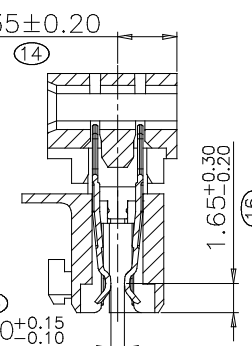
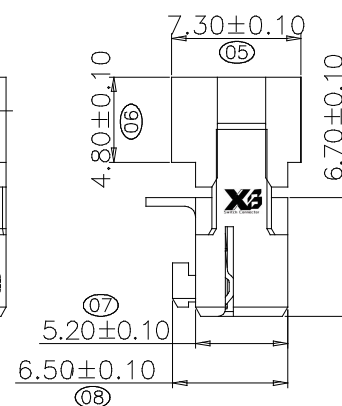
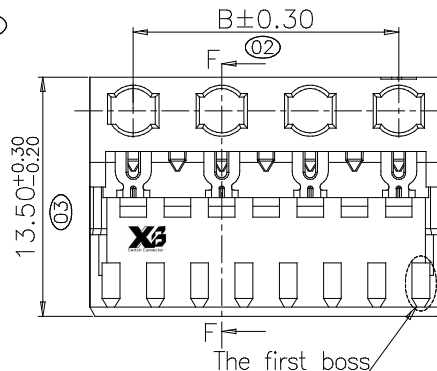
Shipping Arrangement: 50 sets per strip
Shipped in carton box



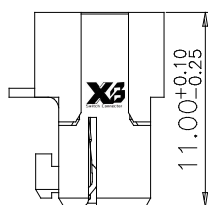
Empty even number pin hole
(Empty pin hole 2、4、6.....)



SECTION E-E



SECTION F-F



Fully Loaded

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

Specifications
Current Rating:6.0Amp.
Insulation Resistance:1000MΩMin.
Dielectric Withstanding Voltage:1200VAC.
Contact Resistance:10mΩMax.
Operating Temperature:-40°C to +120°C.
Materials
Contact Material:Phosphor Bronze.
Insulator Material:Thermoplastic,
UL 94V-0 PBT or the equivalent material.

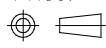
★All materials must meet XI BANG
hazardous substances control standards.
"★": Critical Characteristics.
indicates product characteristics,
functionalities, and manufacturing processes
regarding to customer's specifications.
"★": Safety Features
indicates product characteristics,
functionalities, and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

Spacer bar	C	D
0		
1	2.45	0
2	4.95	2.50
3	7.45	5.00
4	9.95	7.50
5	12.45	10.00
6	14.95	12.50
7	17.45	15.00
8	19.95	17.50
9	22.45	20.00
A	24.95	22.50
B	27.45	25.00
C	29.95	27.50
D	32.45	30.00
E	34.95	32.50
F	37.45	35.00
G	39.95	37.50
H	42.45	40.00

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

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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-111

PART NO.

TITLE.

RASTLink 5.0mm
Single Row
Female Connector

REV.	UNIT.	SCALE.
A	mm	5:2

Ordering Information

111 - XX XX A X X X A B - KXX - 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:
0: No keying
1: 1st Pin hole Change to
Keying
2: 2nd Pin hole Change to
Keying ...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 A, it means 10th Pin hole
Change to Keying)

Plastic material
A=PBT(Halogen)

Color
1=Black
4=Natural

Buckle position Code explanation:

K0: No buckle position(This code can be
omitted)

K1: 1st Pin hole Change to buckle

K2: 2nd Pin hole Change to buckle

...

K23: 2nd Pin hole and 3rd Pin hole Change to
buckle

...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,
K0A: 10th Pin hole Change to buckle

K8C: 8th Pin hole and 12th Pin hole Change to
buckle

KAB: 10th Pin hole and 11th Pin hole Change
to buckle

Remove the boss code:(See note 1)
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

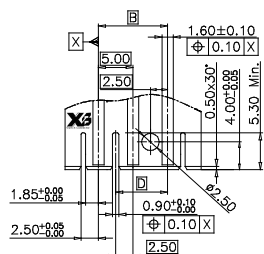
TAB: Remove the 10th and 11th bosses)

PCB layout

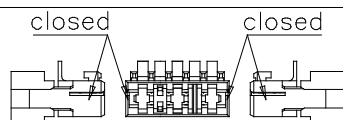
Product form (thin-wall)

PCB layout

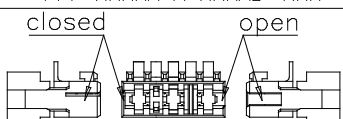
Product form (Thick wall)



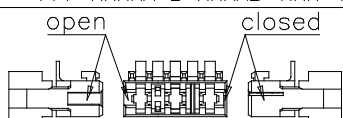
Layout 1:PCBoard 1.50±0.14mm



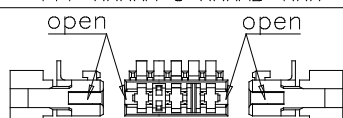
Applicable products:
111-XXXXA A XXXAB-KXX-TXX



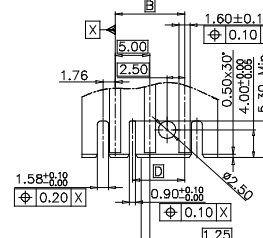
Applicable products:
111-XXXXA B XXXAB-KXX-TXX



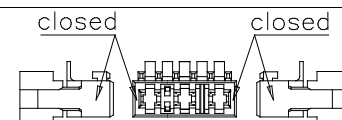
Applicable products:
111-XXXXA C XXXAB-KXX-TXX



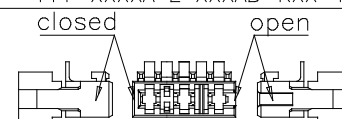
Applicable products:
111-XXXXA D XXXAB-KXX-TXX



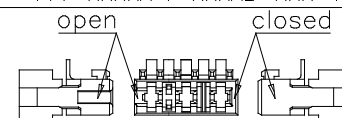
Layout 2:PCBoard 1.50±0.14mm



Applicable products:
111-XXXXA E XXXAB-KXX-TXX



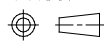
Applicable products:
111-XXXXA F XXXAB-KXX-TXX



Applicable products:
111-XXXXA G XXXAB-KXX-TXX

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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-111

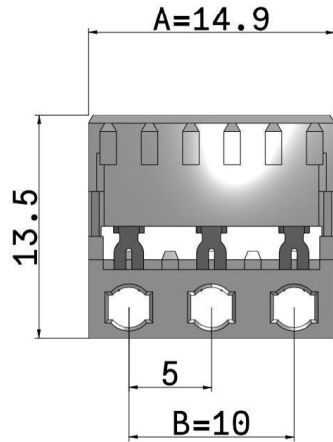
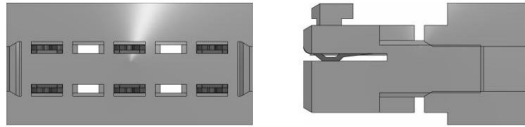
PART NO.

TITLE.

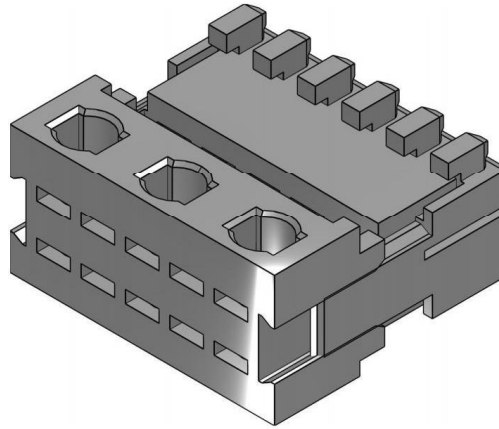
RASTLink 5.0mm
Single Row
Female Connector

REV. A UNIT. mm SCALE. 1:1

2D derivation



ISO view



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.

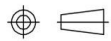
Bill-Of-Materials

N°	描述	数量
1	111 -0305AA0A4AB-K0 39.95	1
1.1	111 -339.9500dy A 39.95	1
1.2	111-A03039.9539.95HSG 0	1
1.3	111- terminal	3
1.4	111-03HSG	1

CNSTYPECODE (訂購代碼)	111 -0305AA0A4AB-K0
PIN (PIN數)	3
PLATING (电镀信息)	05:底鍍50~100 μ", 半金錫, 鍍金1 μ", 鍍錫80~160 μ".
XX (產品形態區分流水碼)	A
SPACER (隔欄代碼)	0
BUCKLE (扣位)	0
A (尺寸:A / mm)	14.9
B (尺寸:B / mm)	10
C (尺寸:C / mm)	39.95
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

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GENERAL TOLERANCE

X.'±5.0'

.X'±3.0'

.XX'±2.0'

.XXX'±1.0'

X.±0.30

.X±0.25

.XX±0.15

.XXX±0.10

DESIGNED:

CHECKED:

APPROVED:

DATE:

DATE:

DATE:

DWG. NO.

XB-RAST-111

PART NO.

TITLE.