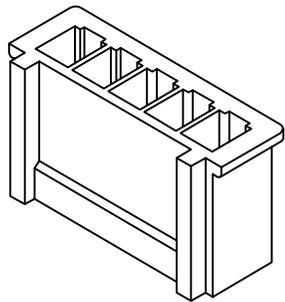
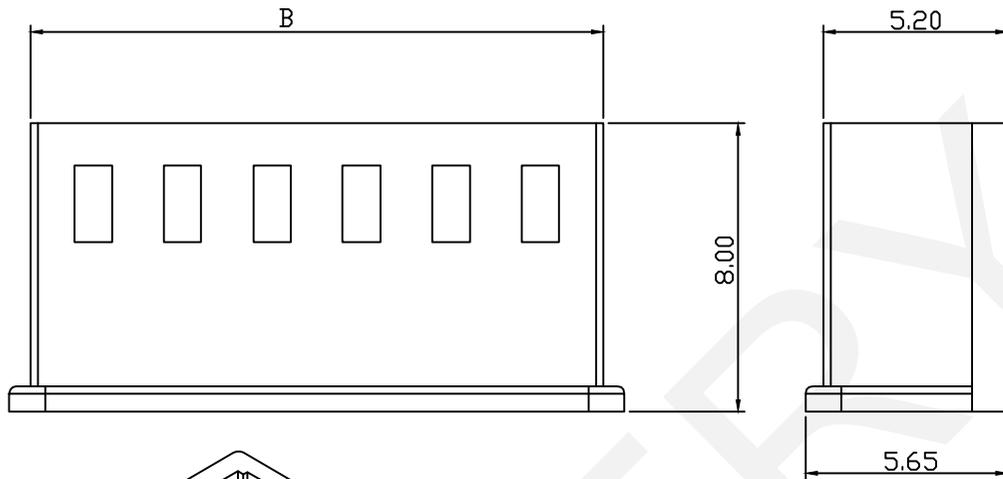
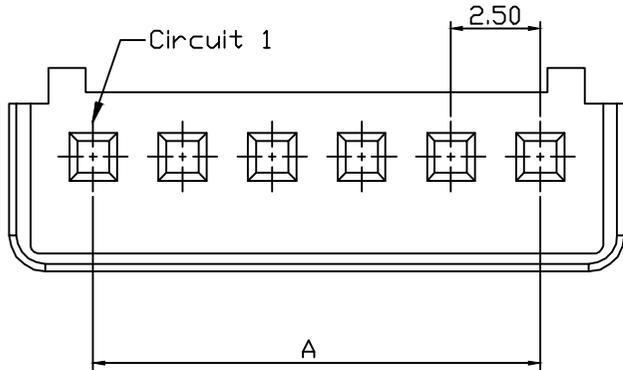


RoHS Compliance



Material:

Housing: PA66,UL94V-2,Natrual

Electrical Characteristics:

Current Rating : 3.0AMP

Voltage Rating : 250V AC,DC

Temperature Range:-25°C~+85°C

Insulator Resistance: 1000MΩ/Min.

Withstanding Voltage: 800V AC/Minute

Contact Resistance: 10MΩ/Max

Order Information:

ERYAYA1-2.50-XX-H

Pitch:2.50mm

XX-No.of 02~20Pin

Type:

T-Terminal H-Hosing

S-Straight Male Pin

R/R1-Right Angle Male Pin

| Pin | Dimension(mm) | |
|-----|---------------|-------|
| | A | B |
| 02 | 2.50 | 6.00 |
| 03 | 5.00 | 8.50 |
| 04 | 7.50 | 11.00 |
| 05 | 10.00 | 13.50 |
| 06 | 12.50 | 16.00 |
| 07 | 15.00 | 18.50 |
| 08 | 17.50 | 21.00 |
| 09 | 20.00 | 23.50 |
| 10 | 22.50 | 26.00 |
| 11 | 25.00 | 28.50 |
| 12 | 27.50 | 31.00 |
| 13 | 30.00 | 33.50 |
| 14 | 32.50 | 36.00 |
| 15 | 35.00 | 38.50 |
| 16 | 37.50 | 41.00 |
| 17 | 40.00 | 43.50 |
| 18 | 42.50 | 46.00 |
| 19 | 45.00 | 48.50 |
| 20 | 47.50 | 51.00 |

NINGBO ERYCO ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

2.50mm Pitch 5051 5045 5046

Wire To Board Connector

0~3

3~18

18~50

50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION



ERYAYA1-2.50-XX-H

±0.12

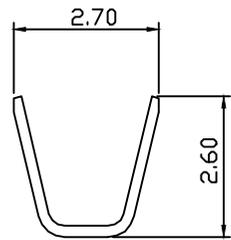
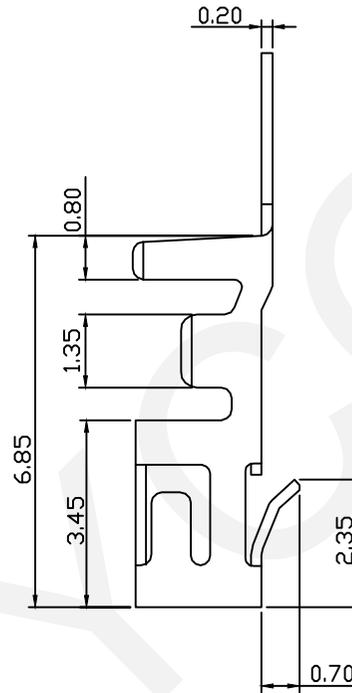
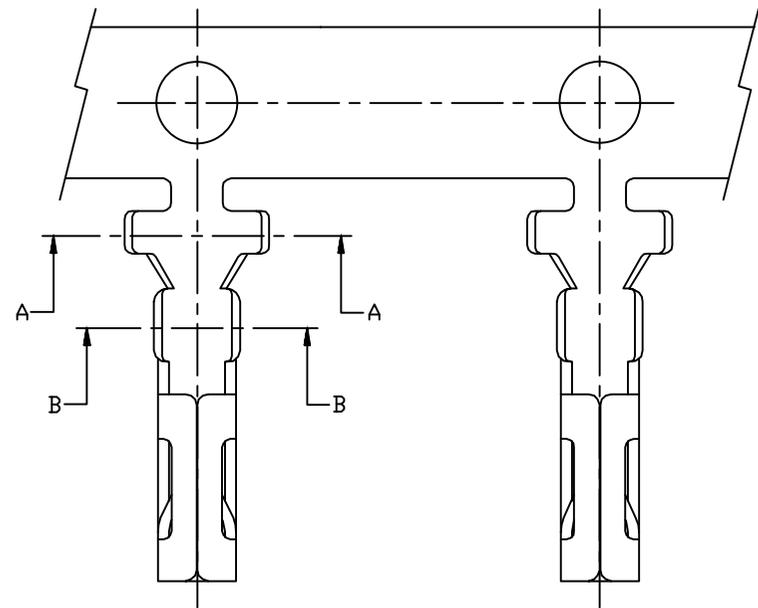
±0.15

±0.3

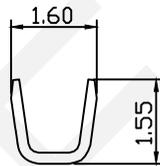
±0.5

APPR BY ZHAN

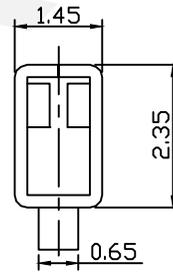
RoHS Compliance



A-A



B-B



Material:

Terminal: Phosphor Bronze

Plating: Tin plated

Applicable Wires: AWG #22~#28

Insulation \varnothing : 1.8mm

Qty/Reel: 8000 PCS

Electrical Characteristics:

Current Rating : 3.0AMP

Voltage Rating : 250V AC,DC

Temperature Range: -25°C~+85°C

Insulator Resistance: 1000M Ω /Min.

Withstanding Voltage: 800V AC/Minute

Contact Resistance: 10M Ω /Max

Order Information:

ERYAYA1-2.50-T

Pitch: 2.50mm

Type: _____

T-Terminal H-Hosing

S-Straight Male Pin

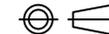
R/R1-Right Angle Male Pin

NINGBO ERYCO ELECTRONIC CO.,LTD

| | | | | | |
|----------|----------------|-------|------------|---------------|-------------|
| UNITS:mm | SHEET SIZE: A4 | | SCALE: --- | | DRWN BY PAN |
| 0~3 | 3~18 | 18~50 | 50~120 | CHK'D BY FENG | |
| ±0.12 | ±0.15 | ±0.3 | ±0.5 | APPR BY ZHAN | |

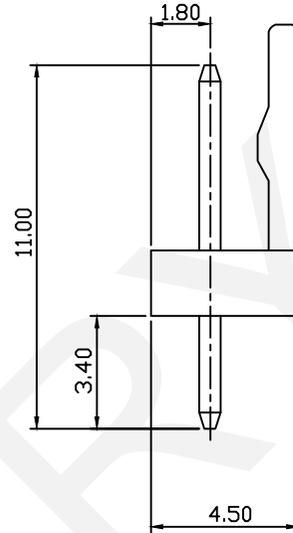
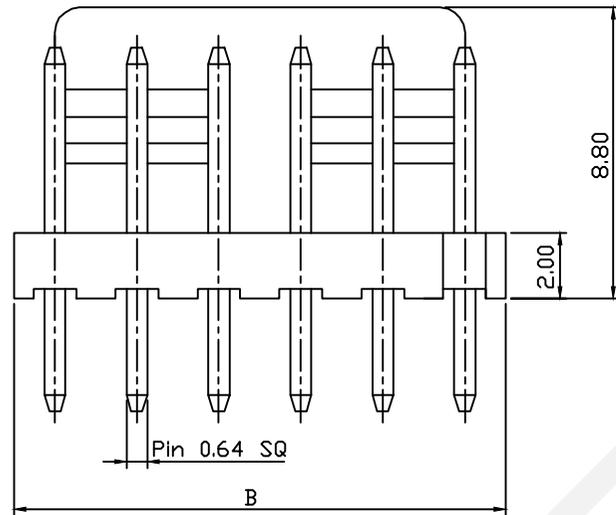
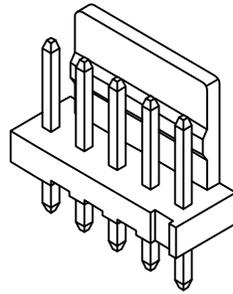
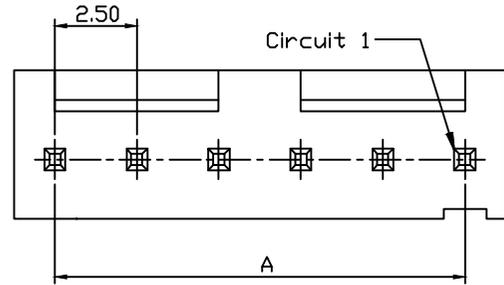
2.50mm Pitch 5051 5045 5046
Wire To Board Connector

THIRD ANGLE PROJECTION



ERYAYA1-2.50-T

RoHS Compliance

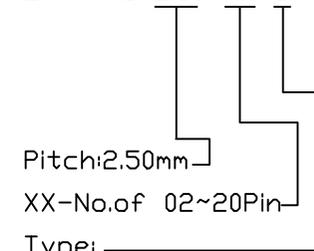


| Pin | Dimension(mm) | |
|-----|---------------|-------|
| | A | B |
| 02 | 2.50 | 5.00 |
| 03 | 5.00 | 7.50 |
| 04 | 7.50 | 10.00 |
| 05 | 10.00 | 12.50 |
| 06 | 12.50 | 15.00 |
| 07 | 15.00 | 17.50 |
| 08 | 17.50 | 20.00 |
| 09 | 20.00 | 22.50 |
| 10 | 22.50 | 25.00 |
| 11 | 25.00 | 27.50 |
| 12 | 27.50 | 30.00 |
| 13 | 30.00 | 32.50 |
| 14 | 32.50 | 35.00 |
| 15 | 35.00 | 37.50 |
| 16 | 37.50 | 40.00 |
| 17 | 40.00 | 42.50 |
| 18 | 42.50 | 45.00 |
| 19 | 45.00 | 47.50 |
| 20 | 47.50 | 50.00 |

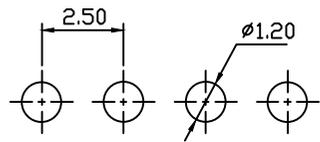
Material:
Housing: PA66,UL94V-2
Contact:Brass
Plating: Tin plate

Electrical Characteristics:
Current Rating : 3.0AMP
Voltage Rating : 250V AC,DC
Temperature Range:-25°C~+85°C
Insulator Resistance: 1000MΩ/Min.
Withstanding Voltage: 800V AC/Minute
Contact Resistance: 10MΩ/Max

Order Information:
ERYAYA1-2.50-XX-S



Pitch:2.50mm
XX-No.of 02~20Pin
Type: _____
T-Terminal H-Hosing
S-Straight Male Pin
R/R1-Right Angle Male Pin



Recommended PCB Layout

NINGBO ERYCO ELECTRONIC CO.,LTD

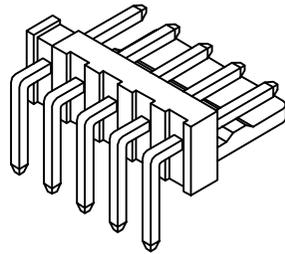
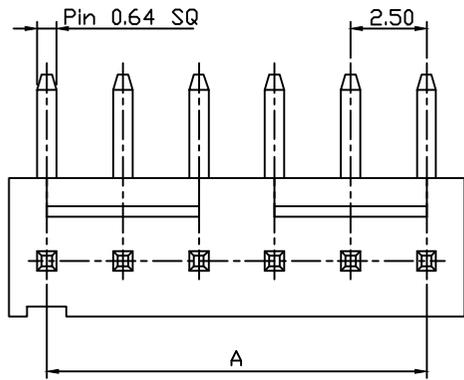
| | | | | | |
|----------|----------------|-------|--------|---------------|-------------|
| UNITS:mm | SHEET SIZE: A4 | | | SCALE:--- | DRWN BY PAN |
| 0~3 | 3~18 | 18~50 | 50~120 | CHK'D BY FENG | |
| ±0.12 | ±0.15 | ±0.3 | ±0.5 | APPR BY ZHAN | |

2.50mm Pitch 5051 5045 5046
Wire To Board Connector

THIRD ANGLE PROJECTION

ERYAYA1-2.50-XX-S

RoHS Compliance

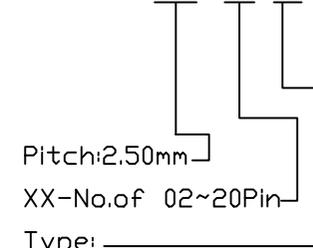


Material:
 Housing: PA66,UL94V-2
 Contact:Brass
 Plating: Tin plate

| Pin | Dimension(mm) | |
|-----|---------------|-------|
| | A | B |
| 02 | 2.50 | 5.00 |
| 03 | 5.00 | 7.50 |
| 04 | 7.50 | 10.00 |
| 05 | 10.00 | 12.50 |
| 06 | 12.50 | 15.00 |
| 07 | 15.00 | 17.50 |
| 08 | 17.50 | 20.00 |
| 09 | 20.00 | 22.50 |
| 10 | 22.50 | 25.00 |
| 11 | 25.00 | 27.50 |
| 12 | 27.50 | 30.00 |
| 13 | 30.00 | 32.50 |
| 14 | 32.50 | 35.00 |
| 15 | 35.00 | 37.50 |
| 16 | 37.50 | 40.00 |
| 17 | 40.00 | 42.50 |
| 18 | 42.50 | 45.00 |
| 19 | 45.00 | 47.50 |
| 20 | 47.50 | 50.00 |

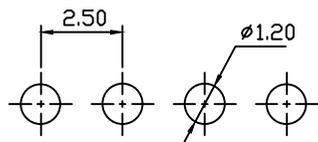
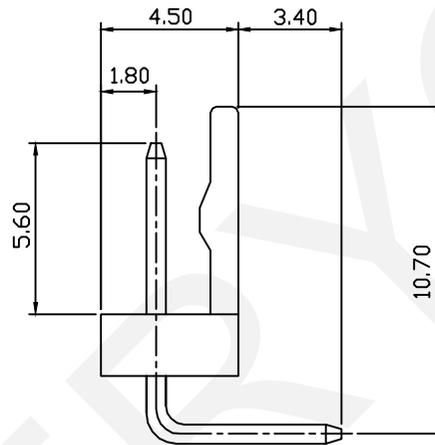
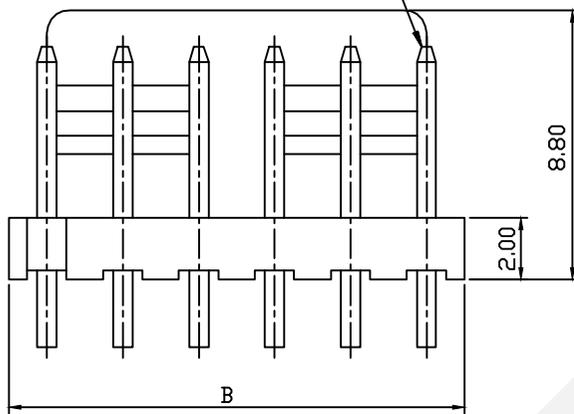
Electrical Characteristics:
 Current Rating : 3.0AMP
 Voltage Rating : 250V AC,DC
 Temperature Range:-25°C~+85°C
 Insulator Resistance: 1000MΩ/Min.
 Withstanding Voltage: 800V AC/Minute
 Contact Resistance: 10MΩ/Max

Order Information:
 ERYAYA1-2.50-XX-R1



Pitch:2.50mm
 XX-No.of 02~20Pin
 Type:
 T-Terminal H-Hosing
 S-Straight Male Pin
 R/R1-Right Angle Male Pin

Circuit 1



Recommended PCB Layout

NINGBO ERYCO ELECTRONIC CO.,LTD

| | | | | | |
|----------|----------------|-------|--------|---------------|-------------|
| UNITS:mm | SHEET SIZE: A4 | | | SCALE:--- | DRWN BY PAN |
| 0~3 | 3~18 | 18~50 | 50~120 | CHK'D BY FENG | |
| ±0.12 | ±0.15 | ±0.3 | ±0.5 | APPR BY ZHAN | |

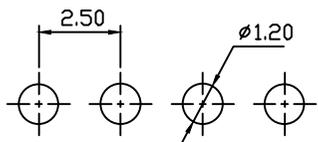
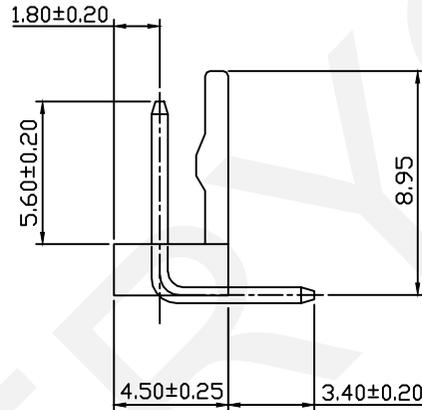
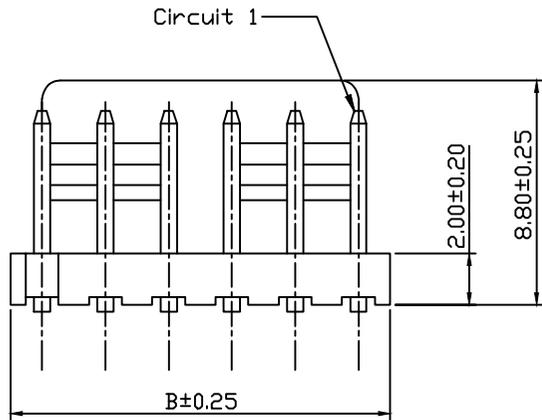
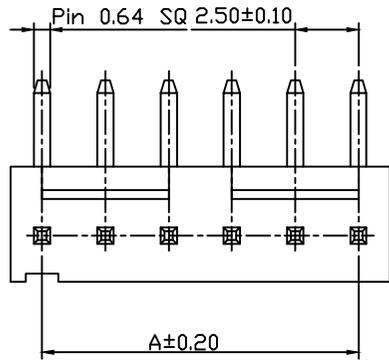
2.50mm Pitch 5051 5045 5046
 Wire To Board Connector

THIRD ANGLE PROJECTION



ERYAYA1-2.50-XX-R1

RoHS Compliance



Recommended PCB Layout

| Pin | Dimension(mm) | |
|-----|---------------|-------|
| | A | B |
| 02 | 2.50 | 5.00 |
| 03 | 5.00 | 7.50 |
| 04 | 7.50 | 10.00 |
| 05 | 10.00 | 12.50 |
| 06 | 12.50 | 15.00 |
| 07 | 15.00 | 17.50 |
| 08 | 17.50 | 20.00 |
| 09 | 20.00 | 22.50 |
| 10 | 22.50 | 25.00 |
| 11 | 25.00 | 27.50 |
| 12 | 27.50 | 30.00 |
| 13 | 30.00 | 32.50 |
| 14 | 32.50 | 35.00 |
| 15 | 35.00 | 37.50 |
| 16 | 37.50 | 40.00 |
| 17 | 40.00 | 42.50 |
| 18 | 42.50 | 45.00 |
| 19 | 45.00 | 47.50 |
| 20 | 47.50 | 50.00 |

Material:

Housing: PA66,UL94V-2

Contact: Brass

Plating: Tin plate

Electrical Characteristics:

Current Rating : 3.0AMP

Voltage Rating : 250V AC,DC

Temperature Range: -25°C~+85°C

Insulator Resistance: 1000MΩ/Min.

Withstanding Voltage: 800V AC/Minute

Contact Resistance: 10MΩ/Max

Order Information:

ERYAYA1-2.50-XX-R

Pitch: 2.50mm

XX-No. of 02~20Pin

Type:

T-Terminal H-Housing

S-Straight Male Pin

R/R1-Right Angle Male Pin

NINGBO ERYCO ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

2.50mm Pitch 5051 5045 5046

Wire To Board Connector

0~3

3~18

18~50

50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION



ERYAYA1-2.50-XX-R

±0.12

±0.15

±0.3

±0.5

APPR BY ZHAN