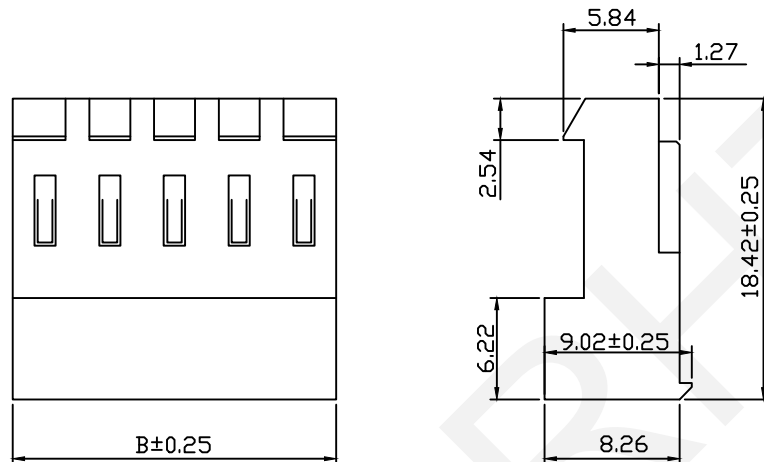
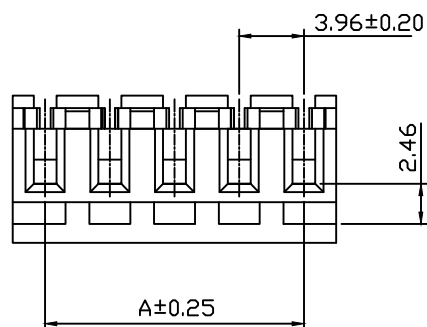


RoHS Compliance



| Pin | Dimension mm |       |
|-----|--------------|-------|
|     | A            | B     |
| 02  | 3.96         | 7.92  |
| 03  | 7.92         | 11.88 |
| 04  | 11.88        | 15.84 |
| 05  | 15.84        | 19.80 |
| 06  | 19.80        | 23.76 |
| 07  | 23.76        | 27.72 |
| 08  | 27.72        | 31.68 |
| 09  | 31.68        | 35.64 |
| 10  | 35.64        | 39.60 |
| 11  | 39.60        | 43.56 |
| 12  | 43.56        | 47.52 |
| 13  | 47.52        | 51.48 |
| 14  | 51.48        | 55.44 |
| 15  | 55.44        | 59.40 |
| 16  | 59.40        | 63.36 |
| 17  | 63.36        | 67.32 |
| 18  | 67.32        | 71.28 |
| 19  | 71.28        | 75.24 |
| 20  | 75.24        | 79.20 |
| 21  | 79.20        | 83.16 |
| 22  | 83.16        | 87.12 |
| 23  | 87.12        | 91.08 |
| 24  | 91.08        | 95.04 |

Material:

Housing: PA66,UL94V-2

Contacts: Phosphor bronze

Plating: Tin 50u" Over 100u" Nickel

Electrical Characteristics:

Rated Voltage:250V AC/DC

Rated Current:7A AC/DC

Contact Resistance:10mΩ max

Insulation Resistance:1000MΩ min

Withstand Voltage:1500V AC/MIN

Temperature Range For Usage:-40°C~+105°C

Order Information:

RHTAYA-3.96-XX-R

IDC Connectors

3.96mm Pitch

XX-No.of 02~24pin

Color:

□=Orange=18AWG Y=Yellow=20AWG

W=White=24AWG R=Red=22AWG

BL=Blue=26AWG BK=Black=18~26AWG

**RHTECP** NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

3.96mm AMP Type IDC Connector

0~3

3~18

18~50

50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION

±0.12

±0.15

±0.3

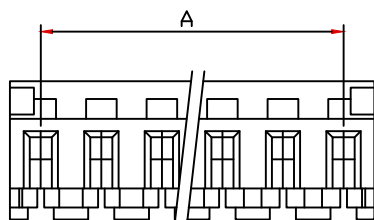
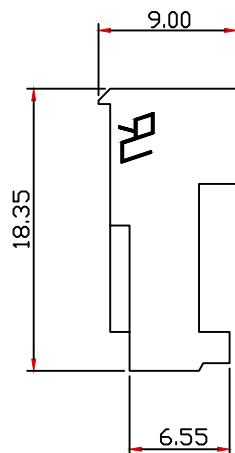
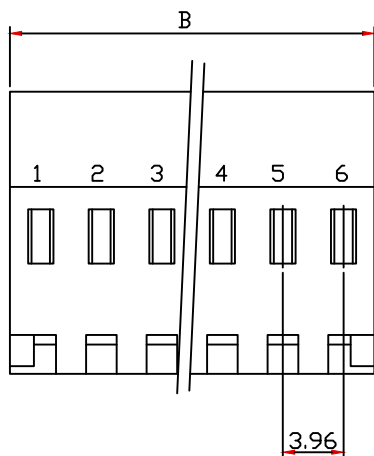
±0.5

APPR BY ZHAN



RHTAYA-3.96-XX-R

RoHS Compliance



| Pin | Dimension mm |       |
|-----|--------------|-------|
|     | A            | B     |
| 02  | 3.96         | 7.92  |
| 03  | 7.92         | 11.88 |
| 04  | 11.88        | 15.84 |
| 05  | 15.84        | 19.80 |
| 06  | 19.80        | 23.76 |
| 07  | 23.76        | 27.72 |
| 08  | 27.72        | 31.68 |
| 09  | 31.68        | 35.64 |
| 10  | 35.64        | 39.60 |
| 11  | 39.60        | 43.56 |
| 12  | 43.56        | 47.52 |
| 13  | 47.52        | 51.48 |
| 14  | 51.48        | 55.44 |
| 15  | 55.44        | 59.40 |
| 16  | 59.40        | 63.36 |
| 17  | 63.36        | 67.32 |
| 18  | 67.32        | 71.28 |
| 19  | 71.28        | 75.24 |
| 20  | 75.24        | 79.20 |
| 21  | 79.20        | 83.16 |
| 22  | 83.16        | 87.12 |
| 23  | 87.12        | 91.08 |
| 24  | 91.08        | 95.04 |

Material:

Housing: Nylon66 UL94V-2

Contacts: Copper Alloy

Plating: Tin-plated Or Gold Plated Over Nickel

Wire Size: AWG#18~24

Electrical Characteristics:

Rated Voltage: 250V AC/DC

Rated Current: 7A AC/DC

Contact Resistance: 10mΩ max

Insulation Resistance: 1000MΩ min

Withstand Voltage: 1500V AC/MIN

Temperature Range For Usage: -40°C~+105°C

Order Information:

RHTAYB-3.96-XX-R

IDC Connectors

3.96mm Pitch

XX-No. of 02~24pin

Color: R=Red=22AWG

O=Orange=18AWG Y=Yellow=20AWG

W=White=24AWG N=Natural=18AWG

**RHTECP** NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE: ---

DRWN BY PAN

3.96mm AMP Type IDC Connector

0~3

3~18

18~50

50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION

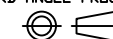
±0.12

±0.15

±0.3

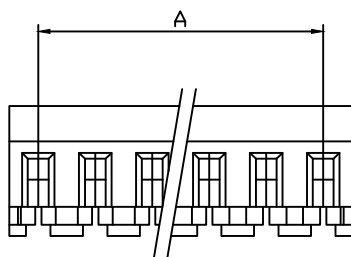
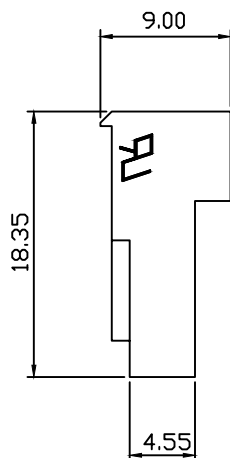
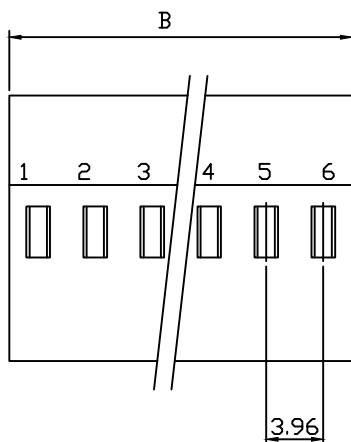
±0.5

APPR BY ZHAN



RHTAYB-3.96-XX-R

RoHS Compliance



| Pin | Dimension mm |       |
|-----|--------------|-------|
|     | A            | B     |
| 02  | 3.96         | 7.92  |
| 03  | 7.92         | 11.88 |
| 04  | 11.88        | 15.84 |
| 05  | 15.84        | 19.80 |
| 06  | 19.80        | 23.76 |
| 07  | 23.76        | 27.72 |
| 08  | 27.72        | 31.68 |
| 09  | 31.68        | 35.64 |
| 10  | 35.64        | 39.60 |
| 11  | 39.60        | 43.56 |
| 12  | 43.56        | 47.52 |
| 13  | 47.52        | 51.48 |
| 14  | 51.48        | 55.44 |
| 15  | 55.44        | 59.40 |
| 16  | 59.40        | 63.36 |
| 17  | 63.36        | 67.32 |
| 18  | 67.32        | 71.28 |
| 19  | 71.28        | 75.24 |
| 20  | 75.24        | 79.20 |
| 21  | 79.20        | 83.16 |
| 22  | 83.16        | 87.12 |
| 23  | 87.12        | 91.08 |
| 24  | 91.08        | 95.04 |

#### Material:

Housing: Nylon66 UL94V-2

Contacts: Copper Alloy

Plating: Tin-plated Or Gold Plated Over Nickel

Wire Size: AWG#18~24

#### Electrical Characteristics:

Rated Voltage: 250V AC/DC

Rated Current: 7A AC/DC

Contact Resistance: 10mΩ max

Insulation Resistance: 1000MΩ min

Withstand Voltage: 1500V AC/MIN

Temperature Range For Usage: -40°C~+105°C

#### Order Information:

RHTAYC-3.96-XX-R

IDC Connectors

3.96mm Pitch

XX-No. of 02~24pin

Color: R=Red=22AWG

O=Orange=18AWG Y=Yellow=20AWG

W=White=24AWG N=Natural=18AWG

**RHTECP** NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE: ---

DRWN BY PAN

3.96mm AMP Type IDC Connector

0~3

3~18

18~50

50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION

±0.12

±0.15

±0.3

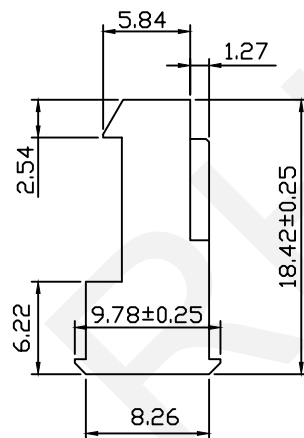
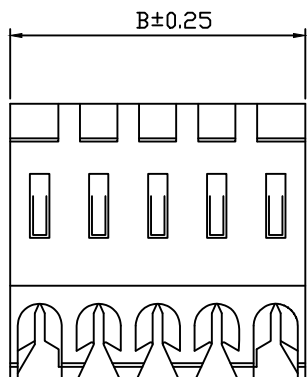
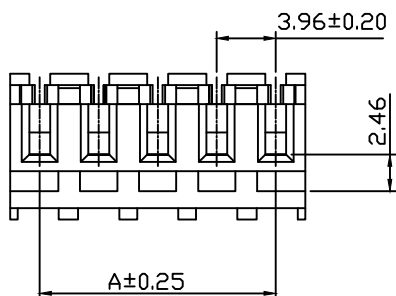
±0.5

APPR BY ZHAN



RHTAYC-3.96-XX-R

RoHS Compliance



| Pin | Dimension mm |       |
|-----|--------------|-------|
|     | A            | B     |
| 02  | 3.96         | 7.92  |
| 03  | 7.92         | 11.88 |
| 04  | 11.88        | 15.84 |
| 05  | 15.84        | 19.80 |
| 06  | 19.80        | 23.76 |
| 07  | 23.76        | 27.72 |
| 08  | 27.72        | 31.68 |
| 09  | 31.68        | 35.64 |
| 10  | 35.64        | 39.60 |
| 11  | 39.60        | 43.56 |
| 12  | 43.56        | 47.52 |
| 13  | 47.52        | 51.48 |
| 14  | 51.48        | 55.44 |
| 15  | 55.44        | 59.40 |
| 16  | 59.40        | 63.36 |
| 17  | 63.36        | 67.32 |
| 18  | 67.32        | 71.28 |
| 19  | 71.28        | 75.24 |
| 20  | 75.24        | 79.20 |
| 21  | 79.20        | 83.16 |
| 22  | 83.16        | 87.12 |
| 23  | 87.12        | 91.08 |
| 24  | 91.08        | 95.04 |

Material:

Housing: PA66,UL94V-2

Contacts: Phosphor bronze

Plating: Tin 50u" Over 100u" Nickel

Electrical Characteristics:

Rated Voltage:250V AC/DC

Rated Current:7A AC/DC

Contact Resistance:10mΩ max

Insulation Resistance:1000MΩ min

Withstand Voltage:1500V AC/MIN

Temperature Range For Usage:-40°C~+105°C

Order Information:

RHTAYT-3.96-XX-R

IDC Connectors

3.96mm Pitch

XX-No.of 02~24pin

Color:

□=Orange=18AWG Y=Yellow=20AWG

W=White=24AWG R=Red=22AWG

BL=Blue=26AWG BK=Black=18~26AWG

**RHTECP** NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

3.96mm AMP Type IDC Connector

0~3

3~18

18~50

50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION

±0.12

±0.15

±0.3

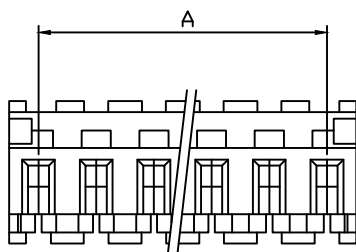
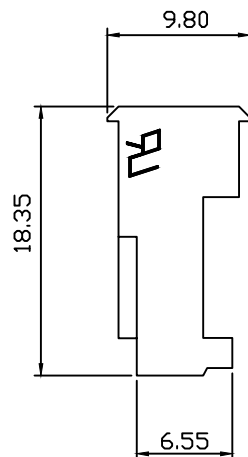
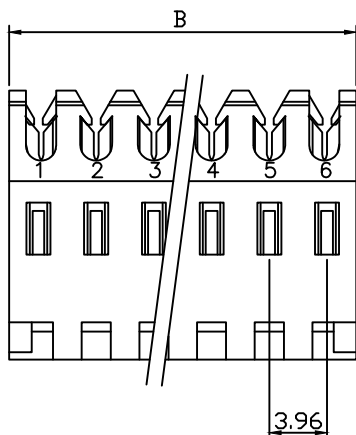
±0.5

APPR BY ZHAN



RHTAYT-3.96-XX-R

RoHS Compliance



| Pin | Dimension mm |       |
|-----|--------------|-------|
|     | A            | B     |
| 02  | 3.96         | 7.92  |
| 03  | 7.92         | 11.88 |
| 04  | 11.88        | 15.84 |
| 05  | 15.84        | 19.80 |
| 06  | 19.80        | 23.76 |
| 07  | 23.76        | 27.72 |
| 08  | 27.72        | 31.68 |
| 09  | 31.68        | 35.64 |
| 10  | 35.64        | 39.60 |
| 11  | 39.60        | 43.56 |
| 12  | 43.56        | 47.52 |
| 13  | 47.52        | 51.48 |
| 14  | 51.48        | 55.44 |
| 15  | 55.44        | 59.40 |
| 16  | 59.40        | 63.36 |
| 17  | 63.36        | 67.32 |
| 18  | 67.32        | 71.28 |
| 19  | 71.28        | 75.24 |
| 20  | 75.24        | 79.20 |
| 21  | 79.20        | 83.16 |
| 22  | 83.16        | 87.12 |
| 23  | 87.12        | 91.08 |
| 24  | 91.08        | 95.04 |

#### Material:

Housing: Nylon66 UL94V-2

Contacts: Copper Alloy

Plating: Tin-plated Or Gold Plated Over Nickel

Wire Size: AWG#18~24

#### Electrical Characteristics:

Rated Voltage: 250V AC/DC

Rated Current: 7A AC/DC

Contact Resistance: 10mΩ max

Insulation Resistance: 1000MΩ min

Withstand Voltage: 1500V AC/MIN

Temperature Range For Usage: -40°C~+105°C

#### Order Information:

RHTAYR-3.96-XX-R

IDC Connectors

3.96mm Pitch

XX-No. of 02~24pin

Color: R=Red=22AWG

O=Orange=18AWG Y=Yellow=20AWG

W=White=24AWG N=Natural=18AWG

**RHTECP** NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE: ---

DRWN BY PAN

3.96mm AMP Type IDC Connector

0~3

3~18

18~50

50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION

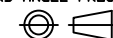
±0.12

±0.15

±0.3

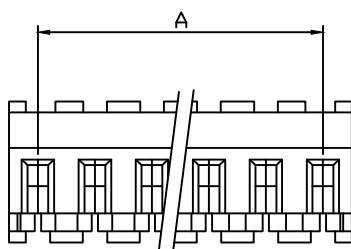
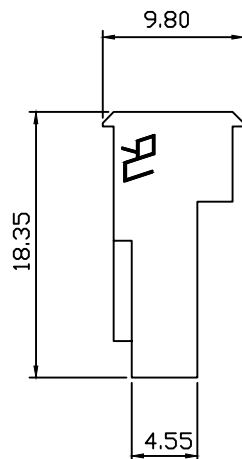
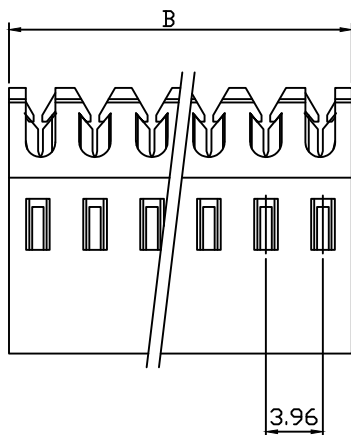
±0.5

APPR BY ZHAN



RHTAYR-3.96-XX-R

RoHS Compliance



| Pin | Dimension mm |       |
|-----|--------------|-------|
|     | A            | B     |
| 02  | 3.96         | 7.92  |
| 03  | 7.92         | 11.88 |
| 04  | 11.88        | 15.84 |
| 05  | 15.84        | 19.80 |
| 06  | 19.80        | 23.76 |
| 07  | 23.76        | 27.72 |
| 08  | 27.72        | 31.68 |
| 09  | 31.68        | 35.64 |
| 10  | 35.64        | 39.60 |
| 11  | 39.60        | 43.56 |
| 12  | 43.56        | 47.52 |
| 13  | 47.52        | 51.48 |
| 14  | 51.48        | 55.44 |
| 15  | 55.44        | 59.40 |
| 16  | 59.40        | 63.36 |
| 17  | 63.36        | 67.32 |
| 18  | 67.32        | 71.28 |
| 19  | 71.28        | 75.24 |
| 20  | 75.24        | 79.20 |
| 21  | 79.20        | 83.16 |
| 22  | 83.16        | 87.12 |
| 23  | 87.12        | 91.08 |
| 24  | 91.08        | 95.04 |

## Material:

Housing: Nylon66 UL94V-2

Contacts: Copper Alloy

Plating: Tin-plated Or Gold Plated Over Nickel

Wire Size: AWG#18~24

## Electrical Characteristics:

Rated Voltage: 250V AC/DC

Rated Current: 7A AC/DC

Contact Resistance: 10mΩ max

Insulation Resistance: 1000MΩ min

Withstand Voltage: 1500V AC/MIN

Temperature Range For Usage: -40°C~+105°C

## Order Information:

RHTAYU-3.96-XX-R

IDC Connectors

3.96mm Pitch

XX-No. of 02~24pin

Color: R=Red=22AWG

O=Orange=18AWG Y=Yellow=20AWG

W=White=24AWG N=Natural=18AWG

 NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

3.96mm AMP Type IDC Connector

0~3

3~18

18~50

50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION

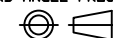
±0.12

±0.15

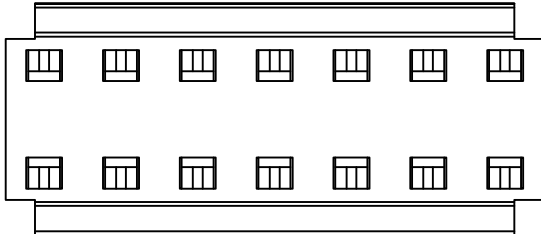
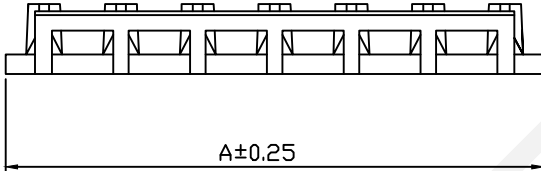
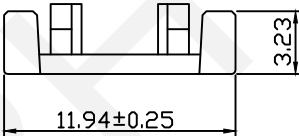
±0.3

±0.5

APPR BY ZHAN



RHTAYU-3.96-XX-R

|   |  |                                                                                                                                                                        |  |   |  |          |  |                |  |           |  |             |  |                               |  |                                                                                       |  |                     |  |   |  |
|---|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---|--|----------|--|----------------|--|-----------|--|-------------|--|-------------------------------|--|---------------------------------------------------------------------------------------|--|---------------------|--|---|--|
|   |  | 1                                                                                                                                                                      |  | 2 |  | 3        |  | 4              |  | 5         |  | 6           |  | 7                             |  | 8                                                                                     |  | 9                   |  |   |  |
|   |  | RoHS Compliance                                                                                                                                                        |  |   |  |          |  |                |  |           |  |             |  |                               |  |                                                                                       |  |                     |  |   |  |
| A |  |                                                                                                                                                                        |  |   |  |          |  |                |  |           |  |             |  |                               |  |                                                                                       |  |                     |  | A |  |
| B |  |                                                                                       |  |   |  |          |  |                |  |           |  |             |  |                               |  |                                                                                       |  |                     |  | B |  |
| C |  |                                                                                                                                                                        |  |   |  |          |  |                |  |           |  |             |  |                               |  |                                                                                       |  |                     |  | C |  |
| D |  |                                                                                                                                                                        |  |   |  |          |  |                |  |           |  |             |  |                               |  |                                                                                       |  |                     |  | D |  |
| E |  |   |  |   |  |          |  |                |  |           |  |             |  |                               |  |                                                                                       |  |                     |  | E |  |
| F |  |                                                                                                                                                                        |  |   |  |          |  |                |  |           |  |             |  |                               |  |                                                                                       |  |                     |  | F |  |
| G |  |  NINGBO RHT ELECTRONIC CO.,LTD                                                       |  |   |  | UNITS:mm |  | SHEET SIZE: A4 |  | SCALE:--- |  | DRWN BY PAN |  | 3.96mm AMP Type IDC Connector |  |                                                                                       |  |                     |  | G |  |
|   |  |                                                                                                                                                                        |  |   |  | 0~3      |  | 3~18           |  | 18~50     |  | 50~120      |  | CHK'D BY FENG                 |  |  |  | RHTAYT-3.96-XX-H1-W |  |   |  |
|   |  |                                                                                                                                                                        |  |   |  | ±0.12    |  | ±0.15          |  | ±0.3      |  | ±0.5        |  | APPR BY ZHAN                  |  |                                                                                       |  |                     |  |   |  |
|   |  | 1                                                                                                                                                                      |  | 2 |  | 3        |  | 4              |  | 5         |  | 6           |  | 7                             |  | 8                                                                                     |  | 9                   |  |   |  |

| Pin | Dimension mm |
|-----|--------------|
|     | A            |
| 02  | 7.92         |
| 03  | 11.88        |
| 04  | 15.84        |
| 05  | 19.80        |
| 06  | 23.76        |
| 07  | 27.72        |
| 08  | 31.68        |
| 09  | 35.64        |
| 10  | 39.60        |
| 11  | 43.56        |
| 12  | 47.52        |
| 13  | 51.48        |
| 14  | 55.44        |
| 15  | 59.40        |
| 16  | 53.36        |
| 17  | 67.32        |
| 18  | 71.28        |
| 19  | 75.24        |
| 20  | 79.20        |
| 21  | 83.16        |
| 22  | 87.12        |
| 23  | 91.08        |
| 24  | 95.04        |

Material:

Housing: Nylon66 UL94V-0

Color:W=White

Electrical Characteristics:

Rated Voltage:250V AC/DC

Rated Current:7A

Contact Resistance:10mΩ max

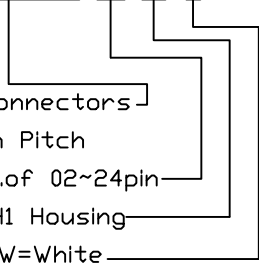
Insulation Resistance:1000MΩ min

Withstand Voltage:1500V AC/MIN

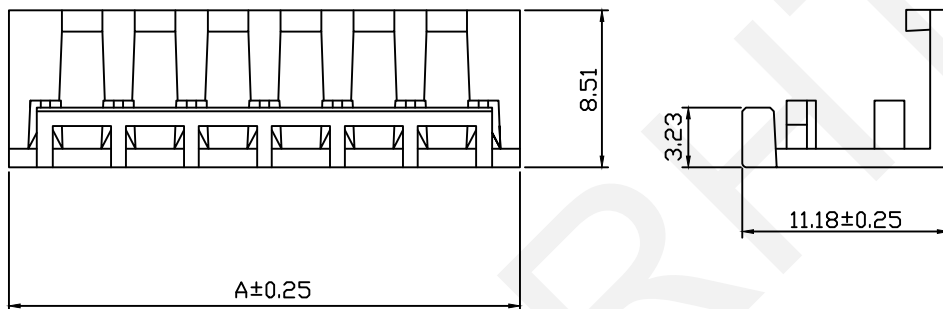
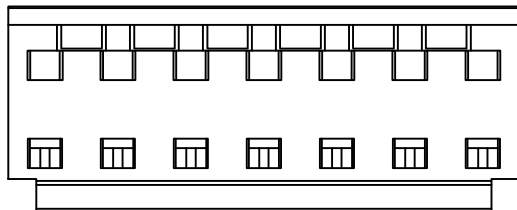
Temperature Range For Usage:-40°C~+105°C

Order Information:

RHTAYT-3.96-XX-H1-W



RoHS Compliance



| Pin | Dimension mm |
|-----|--------------|
|     | A            |
| 02  | 7.92         |
| 03  | 11.88        |
| 04  | 15.84        |
| 05  | 19.80        |
| 06  | 23.76        |
| 07  | 27.72        |
| 08  | 31.68        |
| 09  | 35.64        |
| 10  | 39.60        |
| 11  | 43.56        |
| 12  | 47.52        |
| 13  | 51.48        |
| 14  | 55.44        |
| 15  | 59.40        |
| 16  | 63.36        |
| 17  | 67.32        |
| 18  | 71.28        |
| 19  | 75.24        |
| 20  | 79.20        |
| 21  | 83.16        |
| 22  | 87.12        |
| 23  | 91.08        |
| 24  | 95.04        |

Material:

Housing: Nylon66 UL94V-0

Color:W=White

Electrical Characteristics:

Rated Voltage:250V AC,DC

Rated Current:7A

Contact Resistance:10mΩ max

Insulation Resistance:1000MΩ min

Withstand Voltage:1500V AC/MIN

Temperature Range For Usage:-40°C~+105°C

Order Information:

RHTAYT-3.96-XX-H2-W

IDC Connectors

3.96mm Pitch

XX-No.of 02~24pin

Type:H2 Housing

Color:W=White

 NINGBO RHT 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

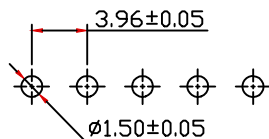
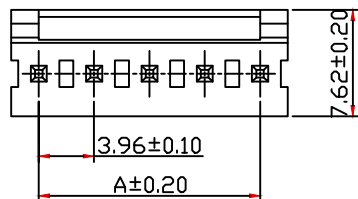
3.96mm AMP Type IDC Connector

THIRD ANGLE PROJECTION

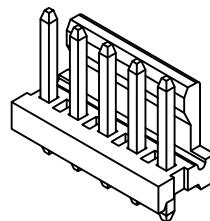


RHTAYT-3.96-XX-H2-W

RoHS Compliance



PCB LAYOUT



| Pin | Dimension mm |       |
|-----|--------------|-------|
|     | A            | B     |
| 02  | 3.96         | 7.92  |
| 03  | 7.92         | 11.88 |
| 04  | 11.88        | 15.84 |
| 05  | 15.84        | 19.80 |
| 06  | 19.80        | 23.76 |
| 07  | 23.76        | 27.72 |
| 08  | 27.72        | 31.68 |
| 09  | 31.68        | 35.64 |
| 10  | 35.64        | 39.60 |
| 11  | 39.60        | 43.56 |
| 12  | 43.56        | 47.52 |
| 13  | 47.52        | 51.48 |
| 14  | 51.48        | 55.44 |
| 15  | 55.44        | 59.40 |
| 16  | 59.40        | 53.36 |
| 17  | 53.36        | 67.32 |
| 18  | 67.32        | 71.28 |
| 19  | 71.28        | 75.24 |
| 20  | 75.24        | 79.20 |
| 21  | 79.20        | 83.16 |
| 22  | 83.16        | 87.12 |
| 23  | 87.12        | 91.08 |
| 24  | 91.08        | 95.04 |

Material:

Housing: Nylon66 UL94V-0, Color: Natual

Contacts: Brass, Tin over Nickel

Electrical Characteristics:

Rated Voltage: 250V AC/DC

Rated Current: 7A

Contact Resistance: 10mΩ max

Insulation Resistance: 1000MΩ min

Withstand Voltage: 1500V AC/MIN

Temperature Range For Usage: -40°C~+105°C

Order Information:

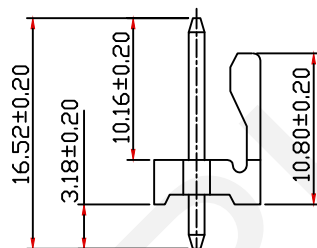
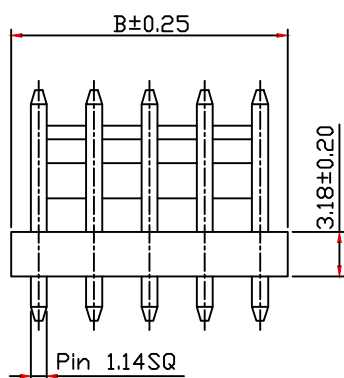
RHTAYT-3.96-XX-S1

IDC Connectors

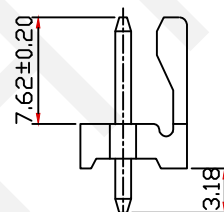
3.96mm Pitch

XX-No. of 02~24pin

S1=16.50mm S2=14.00mm



Type S1



Type S2



NINGBO RHT 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

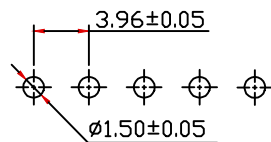
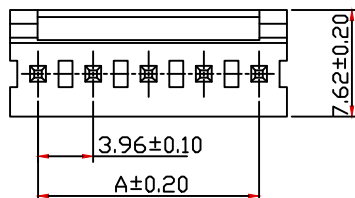
3.96mm AMP Type IDC Connector

THIRD ANGLE PROJECTION

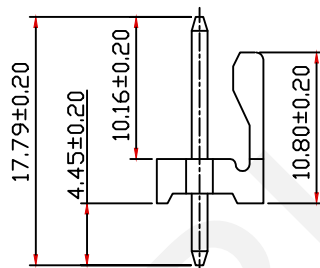
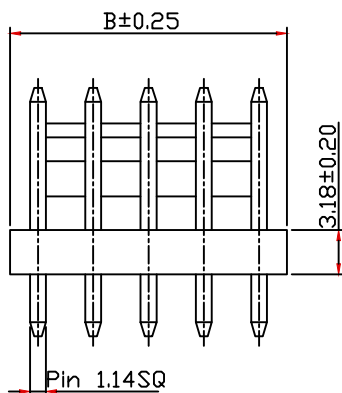
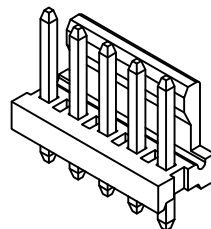


RHTAYT-3.96-XX-S1/S2

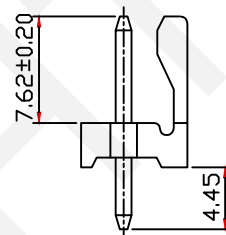
RoHS Compliance



PCB LAYOUT



Type S3



Type S4

| Pin | Dimension mm |       |
|-----|--------------|-------|
|     | A            | B     |
| 02  | 3.96         | 7.92  |
| 03  | 7.92         | 11.88 |
| 04  | 11.88        | 15.84 |
| 05  | 15.84        | 19.80 |
| 06  | 19.80        | 23.76 |
| 07  | 23.76        | 27.72 |
| 08  | 27.72        | 31.68 |
| 09  | 31.68        | 35.64 |
| 10  | 35.64        | 39.60 |
| 11  | 39.60        | 43.56 |
| 12  | 43.56        | 47.52 |
| 13  | 47.52        | 51.48 |
| 14  | 51.48        | 55.44 |
| 15  | 55.44        | 59.40 |
| 16  | 59.40        | 63.36 |
| 17  | 63.36        | 67.32 |
| 18  | 67.32        | 71.28 |
| 19  | 71.28        | 75.24 |
| 20  | 75.24        | 79.20 |
| 21  | 79.20        | 83.16 |
| 22  | 83.16        | 87.12 |
| 23  | 87.12        | 91.08 |
| 24  | 91.08        | 95.04 |

Material:

Housing:Nylon66 UL94V-0,Color:Natural

Contacts:Brass, Tin over Nickel

Electrical Characteristics:

Rated Voltage:250V AC/DC

Rated Current:7A

Contact Resistance:10mΩ max

Insulation Resistance:1000MΩ min

Withstand Voltage:1500V AC/MIN

Temperature Range For Usage:-40°C~+105°C

Order Information:

RHTAYT-3.96-XX-S3

IDC Connectors

3.96mm Pitch

XX-No.of 02~24pin

S3=17.80mm S4=15.25mm



NINGBO RHT 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

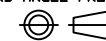
±0.3

±0.5

APPR BY ZHAN

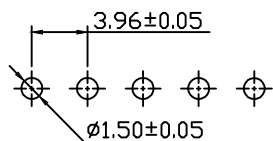
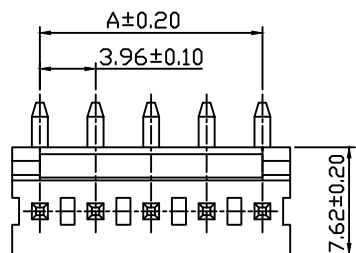
3.96mm AMP Type IDC Connector

THIRD ANGLE PROJECTION

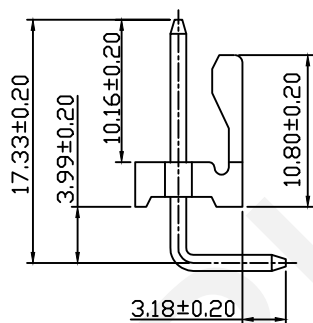
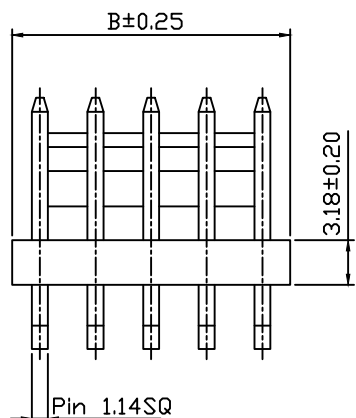
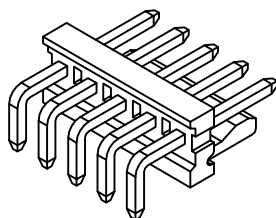


RHTAYT-3.96-XX-S3/S4

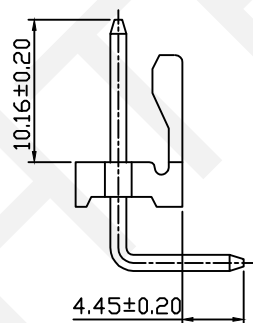
RoHS Compliance



PCB LAYOUT



Type R1



Type R2

| Pin | Dimension mm |       |
|-----|--------------|-------|
|     | A            | B     |
| 02  | 3.96         | 7.92  |
| 03  | 7.92         | 11.88 |
| 04  | 11.88        | 15.84 |
| 05  | 15.84        | 19.80 |
| 06  | 19.80        | 23.76 |
| 07  | 23.76        | 27.72 |
| 08  | 27.72        | 31.68 |
| 09  | 31.68        | 35.64 |
| 10  | 35.64        | 39.60 |
| 11  | 39.60        | 43.56 |
| 12  | 43.56        | 47.52 |
| 13  | 47.52        | 51.48 |
| 14  | 51.48        | 55.44 |
| 15  | 55.44        | 59.40 |
| 16  | 59.40        | 63.36 |
| 17  | 63.36        | 67.32 |
| 18  | 67.32        | 71.28 |
| 19  | 71.28        | 75.24 |
| 20  | 75.24        | 79.20 |
| 21  | 79.20        | 83.16 |
| 22  | 83.16        | 87.12 |
| 23  | 87.12        | 91.08 |
| 24  | 91.08        | 95.04 |

Material:

Housing: Nylon66 UL94V-0, Color: Natural

Contacts: Brass, Tin over Nickel

Electrical Characteristics:

Rated Voltage: 250V AC/DC

Rated Current: 7A

Contact Resistance: 10mΩ max

Insulation Resistance: 1000MΩ min

Withstand Voltage: 1500V AC/MIN

Temperature Range For Usage: -40°C~+105°C

Order Information:

RHTAYT-3.96-XX-R1

IDC Connectors

3.96mm Pitch

XX-No. of 02~24pin

R1 Type R2 Type

**RHTECP** NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

3.96mm AMP Type IDC Connector

0~3

3~18

18~50

50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION

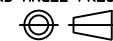
±0.12

±0.15

±0.3

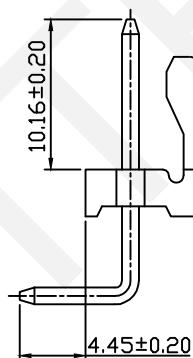
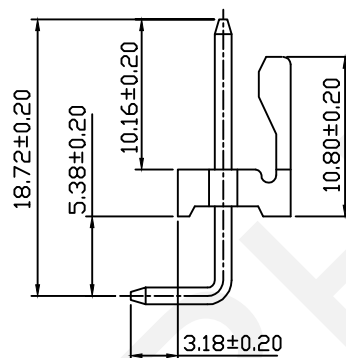
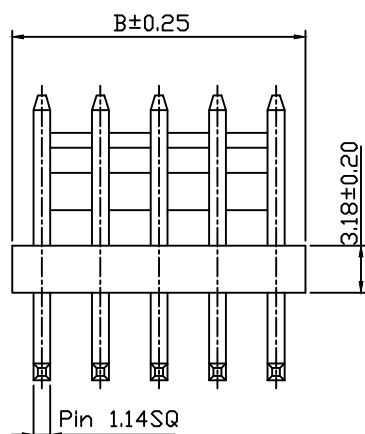
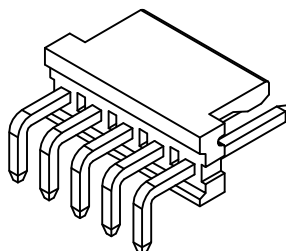
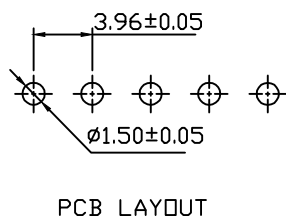
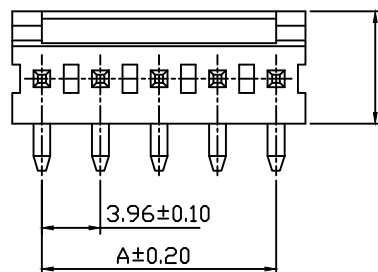
±0.5

APPR BY ZHAN



RHTAYT-3.96-XX-R1/R2

RoHS Compliance



Type R3

Type R4

| Pin | Dimension mm |       |
|-----|--------------|-------|
|     | A            | B     |
| 02  | 3.96         | 7.92  |
| 03  | 7.92         | 11.88 |
| 04  | 11.88        | 15.84 |
| 05  | 15.84        | 19.80 |
| 06  | 19.80        | 23.76 |
| 07  | 23.76        | 27.72 |
| 08  | 27.72        | 31.68 |
| 09  | 31.68        | 35.64 |
| 10  | 35.64        | 39.60 |
| 11  | 39.60        | 43.56 |
| 12  | 43.56        | 47.52 |
| 13  | 47.52        | 51.48 |
| 14  | 51.48        | 55.44 |
| 15  | 55.44        | 59.40 |
| 16  | 59.40        | 63.36 |
| 17  | 63.36        | 67.32 |
| 18  | 67.32        | 71.28 |
| 19  | 71.28        | 75.24 |
| 20  | 75.24        | 79.20 |
| 21  | 79.20        | 83.16 |
| 22  | 83.16        | 87.12 |
| 23  | 87.12        | 91.08 |
| 24  | 91.08        | 95.04 |

Material:

Housing: Nylon66 UL94V-0, Color: Natural

Contacts: Brass, Tin over Nickel

Electrical Characteristics:

Rated Voltage: 250V AC/DC

Rated Current: 7A

Contact Resistance: 10mΩ max

Insulation Resistance: 1000MΩ min

Withstand Voltage: 1500V AC/MIN

Temperature Range For Usage: -40°C~+105°C

Order Information:

RHTAYT-3.96-XX-R3

IDC Connectors

3.96mm Pitch

XX-No. of 02~24pin

R3 Type R4 Type

**RHTECP** NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

3.96mm AMP Type IDC Connector

0~3

3~18

18~50

50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION

RHTAYT-3.96-XX-R3/R4

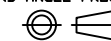
±0.12

±0.15

±0.3

±0.5

APPR BY ZHAN



1

2

3

4

5

6

7

8

9