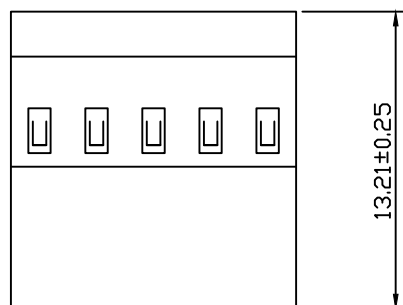
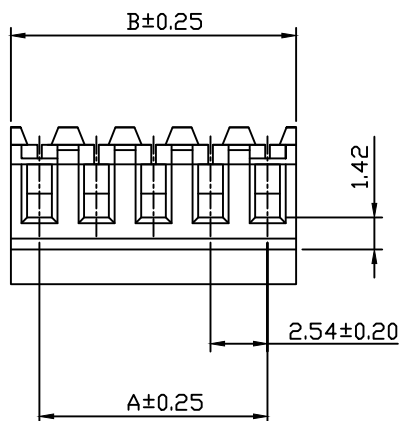


Pin	Dimension mm	
	A	B
02	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64
17	40.64	43.18
18	43.18	45.72
19	45.72	48.26
20	48.26	50.80
21	50.80	53.34
22	53.34	55.88
23	55.88	58.42
24	58.42	60.96

Material:

Housing: PA66,UL94V-2

Contacts: Phosphor bronze

Plating: Tin 50u" Over 100u" Nickel

Electrical Characteristics:

Rated Voltage:250V AC,DC

Rated Current:3A

Contact Resistance:20mΩ max

Insulation Resistance:1000MΩ min

Withstand Voltage:1500V AC/MIN

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

Order Information:

RHTAYA-2.54-XX-R

IDC Connectors-

2.54mm Pitch

XX-No.of 02~24pin

Color: R=Red=22AWG

G=Green=28AWG W=White=24AWG

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

RHTECP NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm	SHEET SIZE: A4		SCALE:---
0~3	3~18	18~50	50~120
±0.12	±0.15	±0.3	±0.5

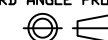
DRWN BY PAN

CHK'D BY FENG

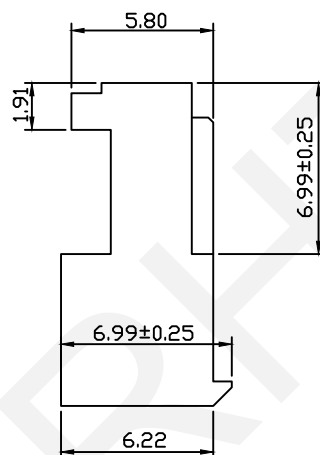
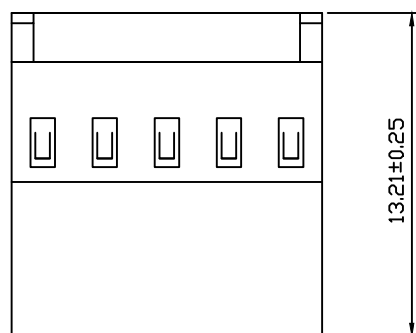
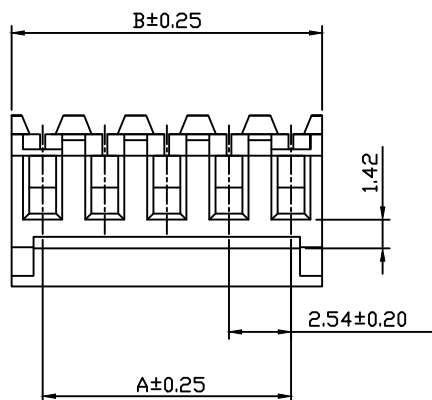
APPR BY ZHAN

2.54mm AMP IDC Connector

THIRD ANGLE PROJECTION



RHTAYA-2.54-XX-R



Pin	Dimension mm	
	A	B
02	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64
17	40.64	43.18
18	43.18	45.72
19	45.72	48.26
20	48.26	50.80
21	50.80	53.34
22	53.34	55.88
23	55.88	58.42
24	58.42	60.96

Material:

Housing: PA66,UL94V-2

Contacts: Phosphor bronze

Plating: Tin 50u" Over 100u" Nickel

Electrical Characteristics:

Rated Voltage: 250V AC/DC

Rated Current: 3A

Contact Resistance: $20m\Omega$ max

Insulation Resistance: $1000M\Omega$ min

Withstand Voltage: 1500V AC/MIN

Temperature Range For Usage: $-40^{\circ}C \sim +105^{\circ}C$

Order Information:

RHTAYB-2.54-XX-R

IDC Connectors

2.54mm Pitch

XX-No. of 02~24pin

Color: R=Red=22AWG

G=Green=28AWG W=White=24AWG

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

RHTECP NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

2.54mm AMP 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-2.54-XX-R

1 2 3 4 5 6 7 8 9

A

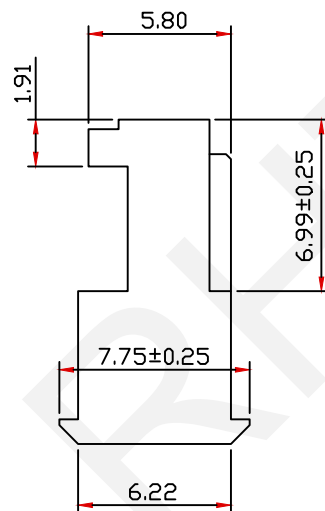
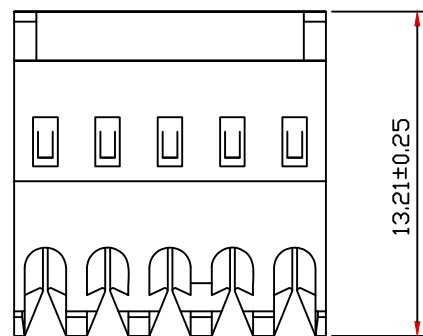
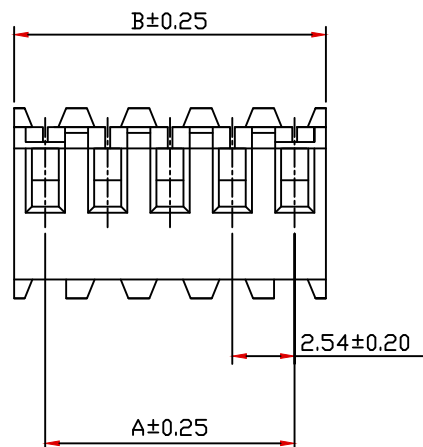
B

C

D

E

F



Pin	Dimension mm	
	A	B
02	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64
17	40.64	43.18
18	43.18	45.72
19	45.72	48.26
20	48.26	50.80
21	50.80	53.34
22	53.34	55.88
23	55.88	58.42
24	58.42	60.96

Material:

Housing: PA66,UL94V-2

Contacts: Phosphor bronze

Plating: Tin 50u" Over 100u" Nickel

Electrical Characteristics:

Rated Voltage:250V AC/DC

Rated Current:3A

Contact Resistance:20mΩ max

Insulation Resistance:1000MΩ min

Withstand Voltage:1500V AC/MIN

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

Order Information:

RHTAYR-2.54-XX-R

IDC Connectors

2.54mm Pitch

XX-No.of 02~24pin

Color: R=Red=22AWG

G=Green=28AWG W=White=24AWG

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

RHTECP® NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

2.54mm AMP 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-2.54-XX-R

1 2 3 4 5 6 7 8 9

123456789

A

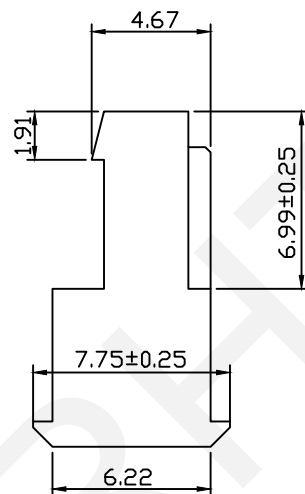
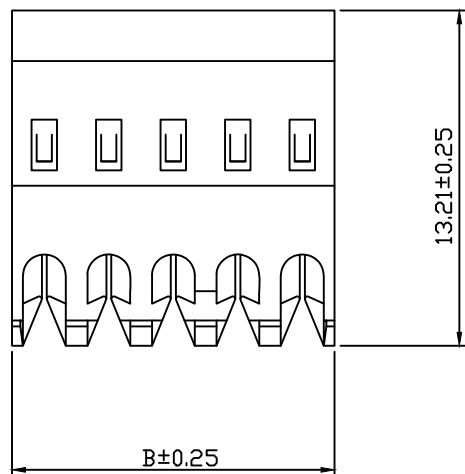
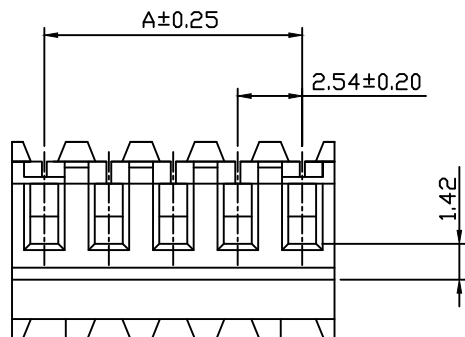
B

C

D

E

F



Pin	Dimension mm	
	A	B
02	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64
17	40.64	43.18
18	43.18	45.72
19	45.72	48.26
20	48.26	50.80
21	50.80	53.34
22	53.34	55.88
23	55.88	58.42
24	58.42	60.96

Material:

Housing: PA66,UL94V-2

Contacts: Phosphor bronze

Plating: Tin 50u" Over 100u" Nickel

Electrical Characteristics:

Rated Voltage:250V AC/DC

Rated Current:3A

Contact Resistance:20mΩ max

Insulation Resistance:1000MΩ min

Withstand Voltage:1500V AC/MIN

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

Order Information:

RHTAYT-2.54-XX-R

IDC Connectors

2.54mm Pitch

XX-No.of 02~24pin

Color: R=Red=22AWG

G=Green=28AWG W=White=24AWG

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

 NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm	SHEET SIZE: A4		SCALE:---
0~3	3~18	18~50	50~120
±0.12	±0.15	±0.3	±0.5

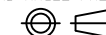
DRWN BY PAN

CHK'D BY FENG

APPR BY ZHAN

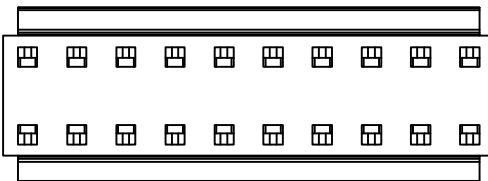
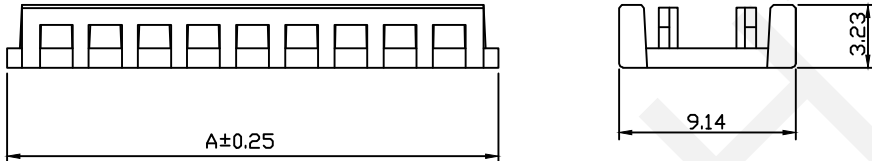
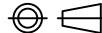
2.54mm AMP IDC Connector

THIRD ANGLE PROJECTION



RHTAYT-2.54-XX-R

123456789

1	2	3	4	5	6	7	8	9	
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	2.54mm AMP IDC Connector	
				0~3	3~18	18~50	50~120	CHK'D BY FENG	
				±0.12	±0.15	±0.3	±0.5	APPR BY ZHAN	THIRD ANGLE PROJECTION  RHTAYT-2.54-H1-XX-W
1	2	3	4	5	6	7	8	9	

Pin	Dimension mm
	A
02	5.08
03	7.62
04	10.16
05	12.70
06	15.24
07	17.78
08	20.32
09	22.86
10	25.40
11	27.94
12	30.48
13	33.02
14	35.56
15	38.10
16	40.64
17	43.18
18	45.72
19	48.26
20	50.80
21	53.34
22	55.88
23	58.42
24	60.96

Material:
Housing: Nylon66 UL94V-0
Color:W=White

Electrical Characteristics:
Rated Voltage:250V AC/DC
Rated Current:3A
Contact Resistance:20mΩ max
insulation Resistance:1000MΩ min
Withstand Voltage:1500V AC/MIN
Temperature Range For Usage:-40°C~+105°C

Order Information:
RHTAYT-2.54-H1-XX-W

IDC Connectors
2.54mm Pitch
Type:H1 Housing
XX-No.of 02~24pin
Color:W=White

123456789

A

B

C

D

E

F

A

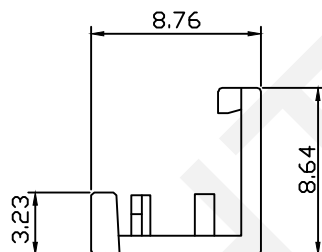
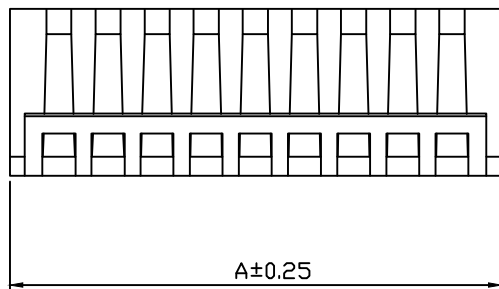
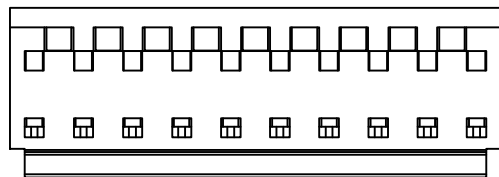
B

C

D

E

F



Pin	Dimension mm
	A
02	5.08
03	7.62
04	10.16
05	12.70
06	15.24
07	17.78
08	20.32
09	22.86
10	25.40
11	27.94
12	30.48
13	33.02
14	35.56
15	38.10
16	40.64
17	43.18
18	45.72
19	48.26
20	50.80
21	53.34
22	55.88
23	58.42
24	60.96

Material:

Housing: Nylon66 UL94V-0

Color:W=White

Electrical Characteristics:

Rated Voltage:250V AC/DC

Rated Current:3A

Contact Resistance:20mΩ max

Insulation Resistance:1000MΩ min

Withstand Voltage:1500V AC/MIN

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

Order Information:

RHTAYT-2.54-H2-XX-W

IDC Connectors

2.54mm Pitch

Type:H2 Housing

XX-No.of 02~24pin

Color:W=White



NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

2.54mm AMP IDC Connector

0~3

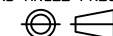
3~18

18~50

50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION



RHTAYT-2.54-H2-XX-W

±0.12

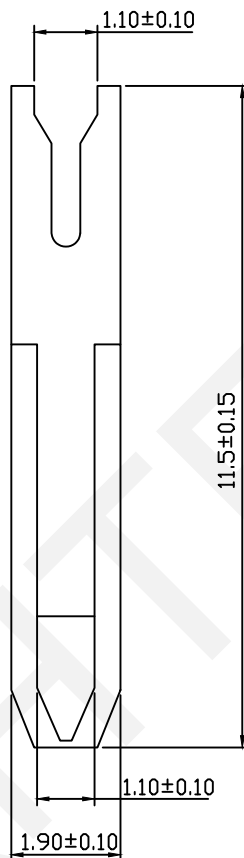
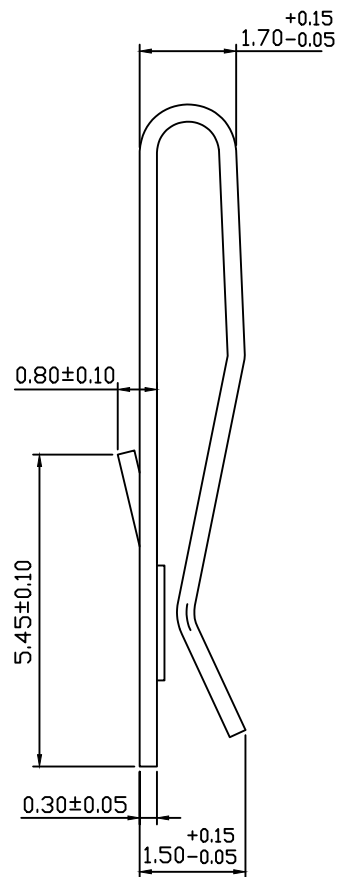
±0.15

±0.3

±0.5

APPR BY ZHAN

123456789



Material:

Terminal: Phosphor Bronze

Plating: Tin-plated

Applicable Wire Range: AWG#22~28#

Electrical Characteristics:

Current Rating: 2A AC, DC

Voltage Rating: 250V AC, DC

Temperature Range: -25°C~85°C

Contact Resistance: 20mΩ Max

Insulation Resistance: 1000MΩ Min

Withstanding Voltage: 1500V AC/minute

Order Information:

RHTAYT-2.54-T

2.54:2.54mm Pitch

Type: T=Terminal

RHTECP NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm	SHEET SIZE: A4			SCALE:---
0~3	3~18	18~50	50~120	
±0.12	±0.15	±0.3	±0.5	

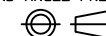
DRWN BY PAN

CHK'D BY FENG

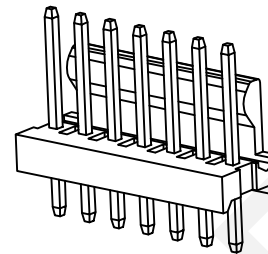
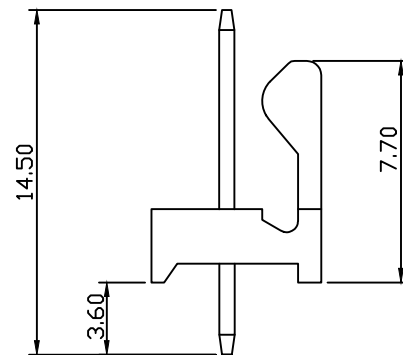
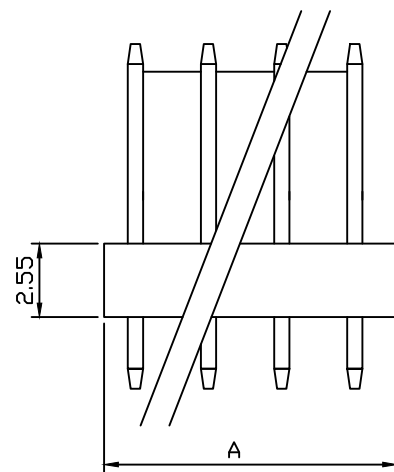
APPR BY ZHAN

2.54mm AMP IDC Connector

THIRD ANGLE PROJECTION



RHTAYT-2.54-T



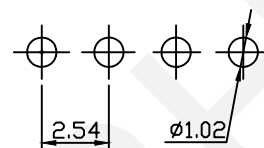
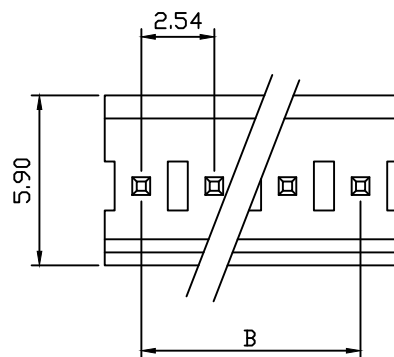
Material:
Housing: Polyester UL94V-0
Color: Brass, Tin plated

Electrical Specification:
Rated Voltage: 250V AC/DC
Rated Current: 4A
Contact Resistance: 3.0mΩ max
Insulation Resistance: 5000MΩ min
Withstand Voltage: 2200V AC/MIN
Temperature Range For Usage: -40°C~+105°C
Solder Temperature: 245°C±0.5°C

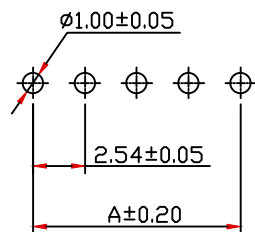
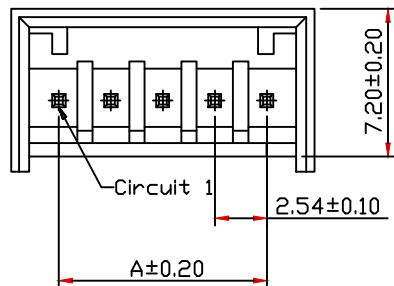
Pin	Dimension mm	
	B	A
02	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64

Order Information:
RHTAYT-2.54-S1-XX-W

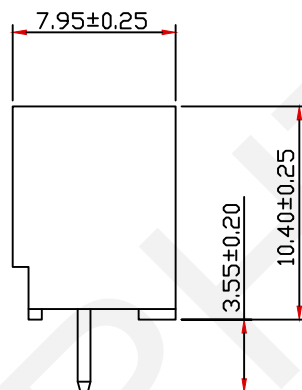
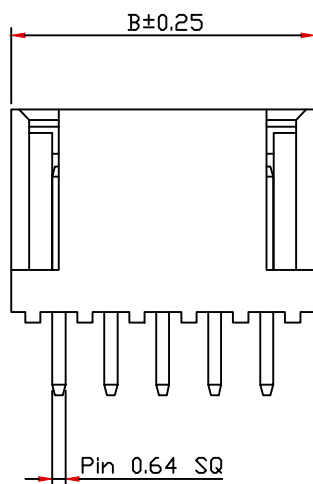
IDC Connectors
2.54mm Pitch
Type: S1 Straight Pin
XX-No. of 02~16pin
Color: W=White



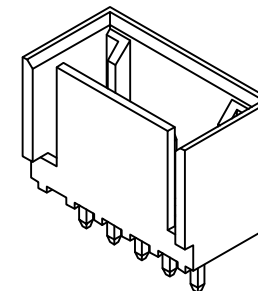
PCB LAYOUT



PCB LAYOUT



Pin	Dimension mm	
	A	B
02	2.54	7.21
03	5.08	9.75
04	7.62	12.29
05	10.16	14.83
06	12.70	17.37
07	15.24	19.91
08	17.78	22.45
09	20.32	24.99
10	22.86	27.53
11	25.40	30.07
12	27.94	32.61
13	30.48	35.15
14	33.02	37.69
15	35.56	40.23
16	38.10	42.77
17	40.64	45.31
18	43.18	47.85
19	45.72	50.39
20	48.26	52.93
21	50.80	55.47
22	53.34	58.01
23	55.88	60.55
24	58.42	63.09



Material:

Housing: PBT UL94V-0

Color: Brass, Tin plated

Electrical Specification:

Rated Voltage: 250V AC/DC

Rated Current: 3A

Contact Resistance: 20mΩ max

Insulation Resistance: 1000MΩ min

Withstand Voltage: 1500V AC/MIN

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

Order Information:

RHTAYT-2.54-S2-XX-BK

IDC Connectors

2.54mm Pitch

Type: S2 Straight Pin

XX-No. of 02~24pin

Color: BK=Black

RHTECP NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm SHEET SIZE: A4 SCALE:---

0~3 3~18 18~50 50~120

±0.12 ±0.15 ±0.3 ±0.5

DRWN BY PAN

CHK'D BY FENG

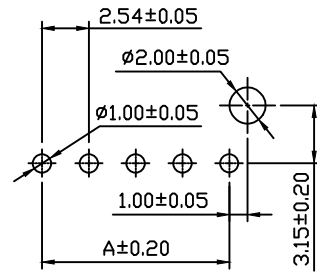
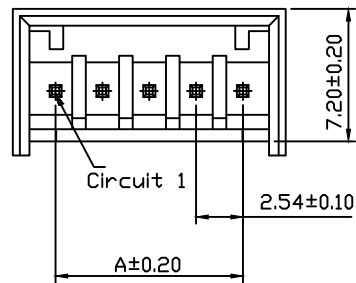
APPR BY ZHAN

2.54mm AMP IDC Connector

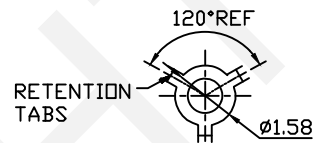
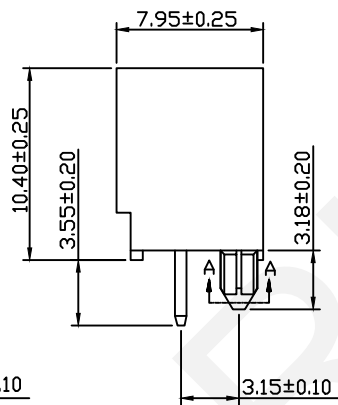
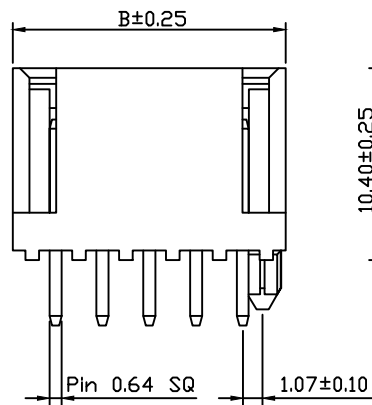
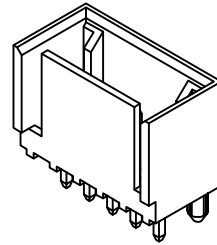
THIRD ANGLE PROJECTION



RHTAYT-2.54-S2-XX-BK



PCB LAYOUT



Pin	Dimension mm	
	A	B
02	2.54	7.21
03	5.08	9.75
04	7.62	12.29
05	10.16	14.83
06	12.70	17.37
07	15.24	19.91
08	17.78	22.45
09	20.32	24.99
10	22.86	27.53
11	25.40	30.07
12	27.94	32.61
13	30.48	35.15
14	33.02	37.69
15	35.56	40.23
16	38.10	42.77
17	40.64	45.31
18	43.18	47.85
19	45.72	50.39
20	48.26	52.93
21	50.80	55.47
22	53.34	58.01
23	55.88	60.55
24	58.42	63.09

Material:

Housing: PBT UL94V-0

Color: Brass, Tin plated

Electrical Specification:

Rated Voltage: 250V AC/DC

Rated Current: 3A

Contact Resistance: 20mΩ max

Insulation Resistance: 1000MΩ min

Withstand Voltage: 1500V AC/MIN

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

Order Information:

RHTAYT-2.54-S3-XX-BK

IDC Connectors

2.54mm Pitch

Type: S3 Straight Pin

XX-No. of 02~24pin

Color: BK=Black

RHTECP® NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm	SHEET SIZE: A4		SCALE:---
0~3	3~18	18~50	50~120
±0.12	±0.15	±0.3	±0.5

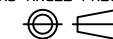
DRWN BY PAN

CHK'D BY FENG

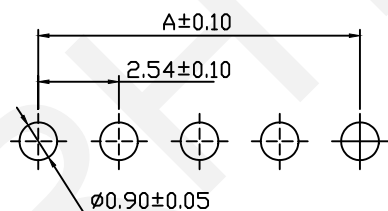
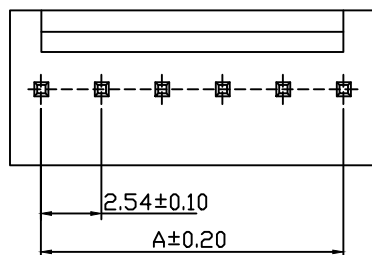
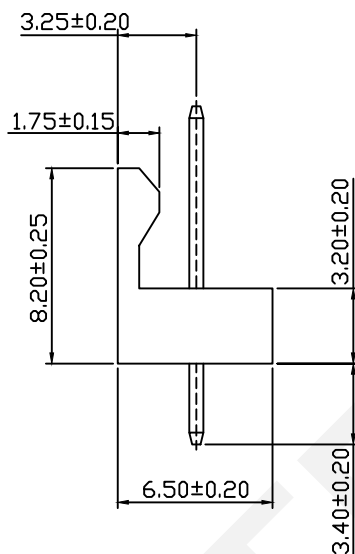
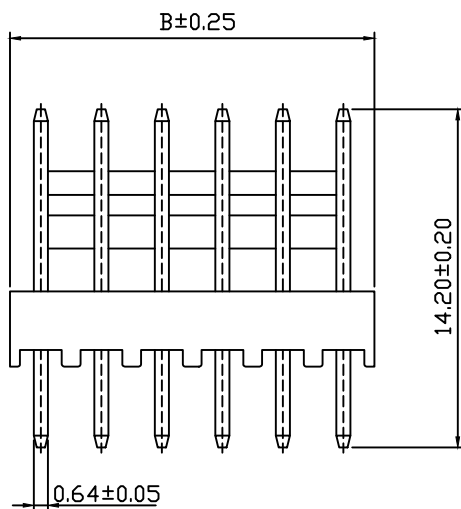
APPR BY ZHAN

2.54mm AMP IDC Connector

THIRD ANGLE PROJECTION



RHTAYT-2.54-S3-XX-BK



PCB LAYOUT

Pin	Dimension mm	
	A	B
02	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
30	73.66	76.20

Material:

Hosing: Nylon66, UL94V-0

Terminal: Brass

Plating: Tin-plated

Electrical Characteristics.

Current Rating: 2A AC, DC

Voltage Rating: 250V AC, DC

Temperature Range: $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Contact Resistance: $20\text{m}\Omega$ Max

Insulation Resistance: $1000\text{M}\Omega$ Min

Withstanding Voltage: 1500V AC/Minute

Order Information:

RHTAYT-2.54-XX-S4

2.54: 2.54mm Pitch

XX-No. of 02~30 Pins

Type: S4-Straight Pin

RHTECP NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

2.54mm Pitch IDC Straight Connector

0~3

3~18

18~50

50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION

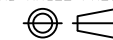
± 0.12

± 0.15

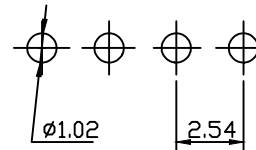
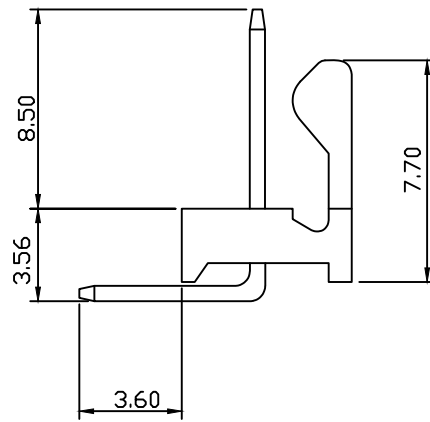
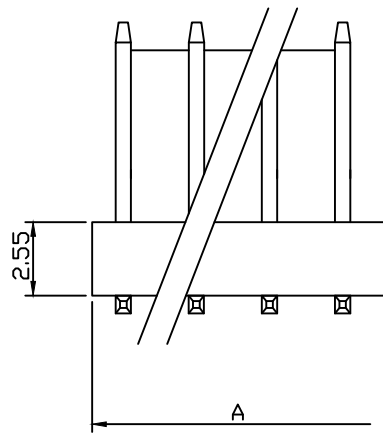
± 0.3

± 0.5

APPR BY ZHAN



RHTAYT-2.54-XX-S4



PCB LAYOUT

Material:
Housing: Polyester UL94V-0
Color: Brass, Tin plated

Electrical Specification:
Rated Voltage: 250V AC/DC
Rated Current: 4A
Contact Resistance: 3.0mΩ max
Insulation Resistance: 5000MΩ min
Withstand Voltage: 2200V AC/MIN
Temperature Range For Usage: -40°C~+105°C
Solder Temperature: 245°C±0.5°C

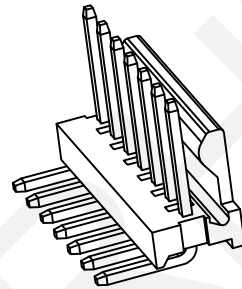
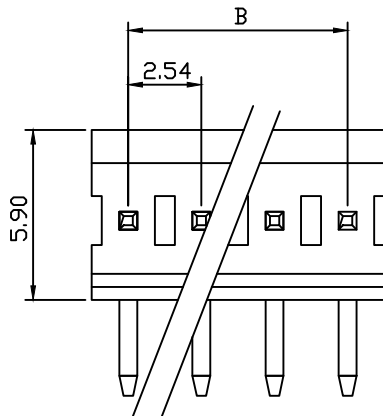
Order Information:
RHTAYT-2.54-R1-XX-W

IDC Connectors
2.54mm Pitch

Type: R1 Right Angle

XX-No. of 02~16pin

Color: W=White



Pin	Dimension mm	
	B	A
02	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64



NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm	SHEET SIZE: A4			SCALE:---
0~3	3~18	18~50	50~120	
±0.12	±0.15	±0.3	±0.5	

DRWN BY PAN

CHK'D BY FENG

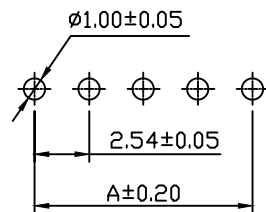
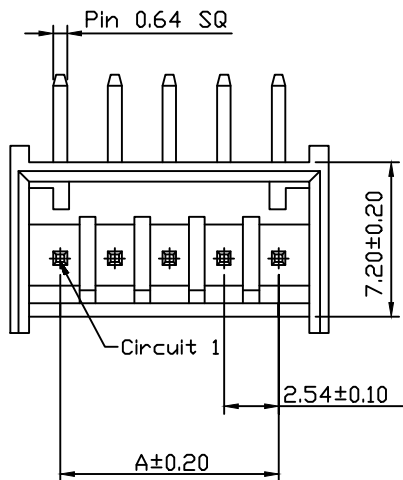
APPR BY ZHAN

2.54mm AMP IDC Connector

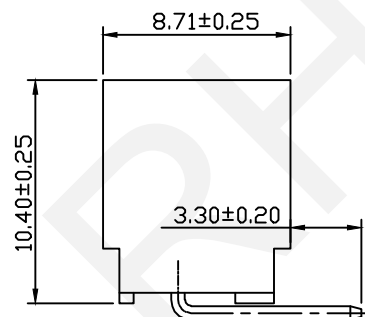
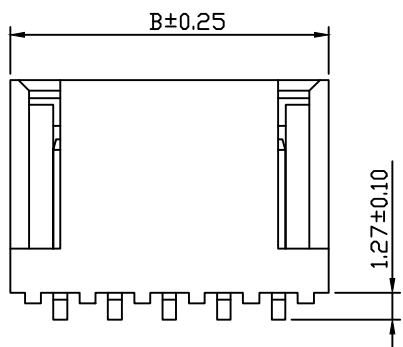
THIRD ANGLE PROJECTION



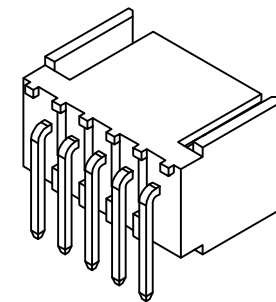
RHTAYT-2.54-R1-XX-W



PCB LAYOUT



Pin	Dimension mm	
	A	B
02	2.54	7.21
03	5.08	9.75
04	7.62	12.29
05	10.16	14.83
06	12.70	17.37
07	15.24	19.91
08	17.78	22.45
09	20.32	24.99
10	22.86	27.53
11	25.40	30.07
12	27.94	32.61
13	30.48	35.15
14	33.02	37.69
15	35.56	40.23
16	38.10	42.77
17	40.64	45.31
18	43.18	47.85
19	45.72	50.39
20	48.26	52.93
21	50.80	55.47
22	53.34	58.01
23	55.88	60.55
24	58.42	63.09



Material:

Housing: PBT UL94V-0

Color: Brass, Tin plated

Electrical Specification:

Rated Voltage: 250V AC/DC

Rated Current: 3A

Contact Resistance: 20mΩ max

Insulation Resistance: 1000MΩ min

Withstand Voltage: 1500V AC/MIN

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

Order Information:

RHTAYT-2.54-R2-XX-BK

IDC Connectors

2.54mm Pitch

Type: R2 Right Angle

XX-No. of 02~24pin

Color: BK=Black



NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm

SHEET SIZE: A4

SCALE:---

DRWN BY PAN

2.54mm AMP IDC Connector

0~3

3~18

18~50

50~120

CHK'D BY FENG

THIRD ANGLE PROJECTION

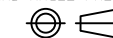
±0.12

±0.15

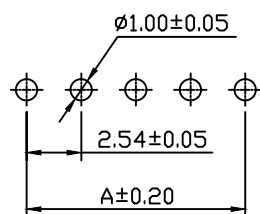
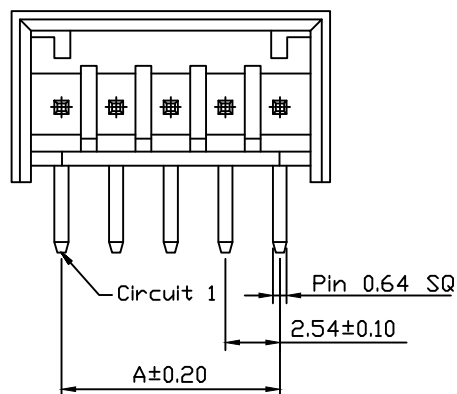
±0.3

±0.5

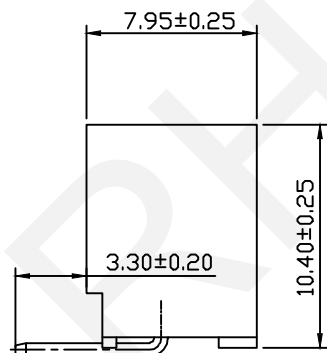
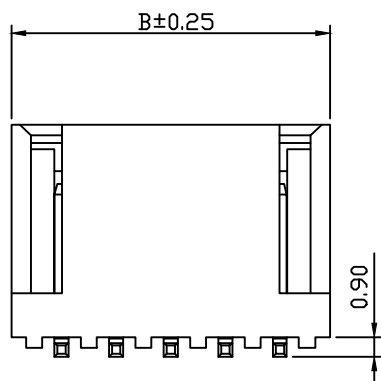
APPR BY ZHAN



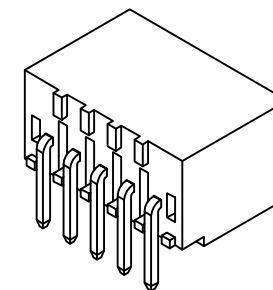
RHTAYT-2.54-R2-XX-BK



PCB LAYOUT



Pin	Dimension mm	
	A	B
02	2.54	7.21
03	5.08	9.75
04	7.62	12.29
05	10.16	14.83
06	12.70	17.37
07	15.24	19.91
08	17.78	22.45
09	20.32	24.99
10	22.86	27.53
11	25.40	30.07
12	27.94	32.61
13	30.48	35.15
14	33.02	37.69
15	35.56	40.23
16	38.10	42.77
17	40.64	45.31
18	43.18	47.85
19	45.72	50.39
20	48.26	52.93
21	50.80	55.47
22	53.34	58.01
23	55.88	60.55
24	58.42	63.09



Material:

Housing: PBT UL94V-0

Color: Brass, Tin plated

Electrical Specification:

Rated Voltage: 250V AC/DC

Rated Current: 3A

Contact Resistance: 20mΩ max

Insulation Resistance: 1000MΩ min

Withstand Voltage: 1500V AC/MIN

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

Order Information:

RHTAYT-2.54-R3-XX-BK

IDC Connectors

2.54mm Pitch

Type: R3 Right Angle

XX-No. of 02~24pin

Color: BK=Black

RHTECP NINGBO RHT ELECTRONIC CO.,LTD

UNITS:mm	SHEET SIZE: A4		SCALE:---
0~3	3~18	18~50	50~120
±0.12	±0.15	±0.3	±0.5

DRWN BY PAN

CHK'D BY FENG

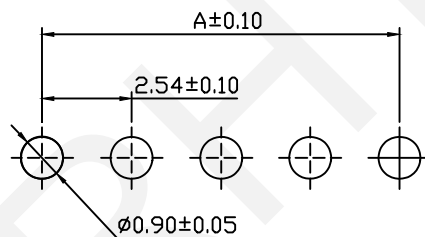
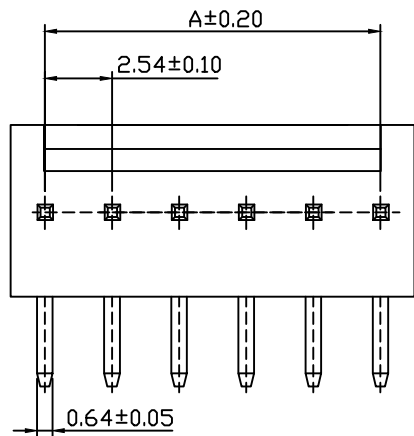
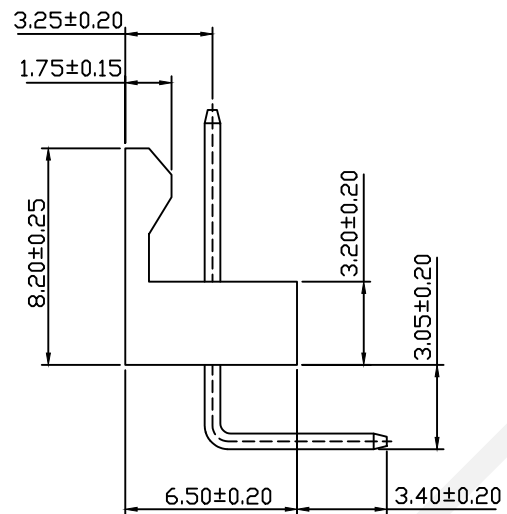
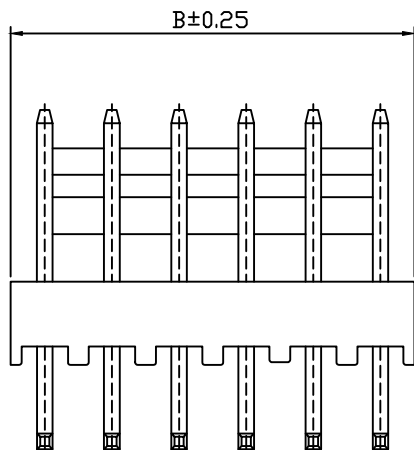
APPR BY ZHAN

2.54mm AMP IDC Connector

THIRD ANGLE PROJECTION



RHTAYT-2.54-R3-XX-BK



PCB LAYOUT

Pin	Dimension mm	
	A	B
02	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
30	73.66	76.20

Material:
Hosing: Nylon66, UL94V-0
Terminal: Brass
Plating: Tin-plated

Electrical Characteristics.
Current Rating: 2A AC, DC
Voltage Rating: 250V AC, DC
Temperature Range: -25°C~+85°C
Contact Resistance: 20mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/Minute

Order Information:
RHTAYT-2.54-XX-R4

