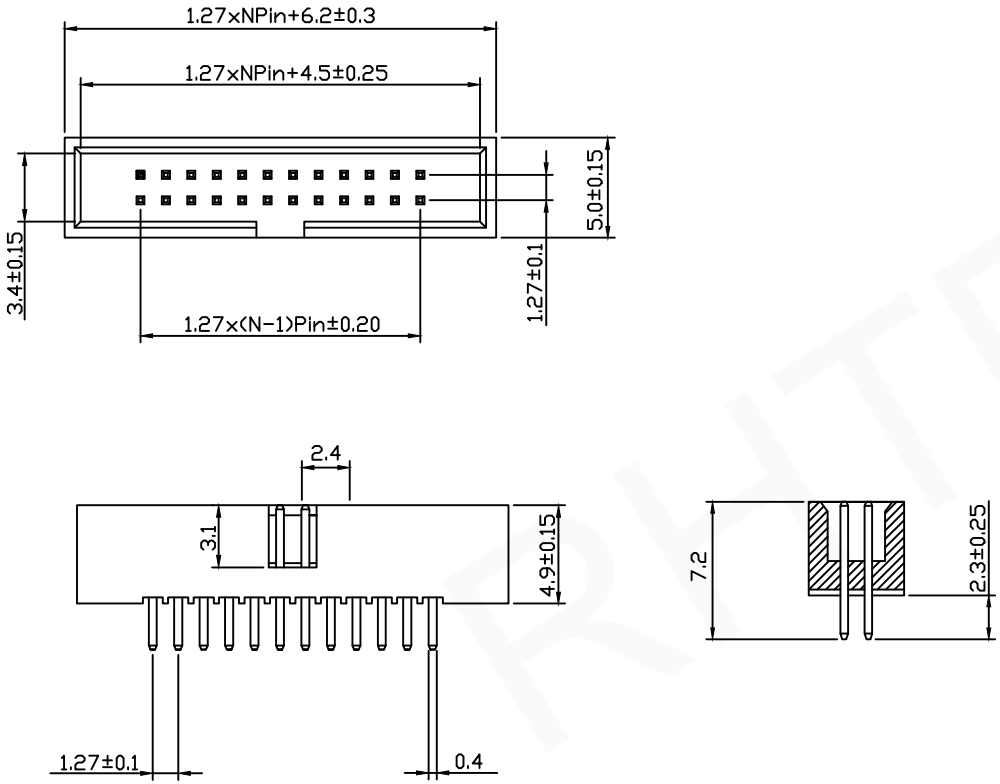
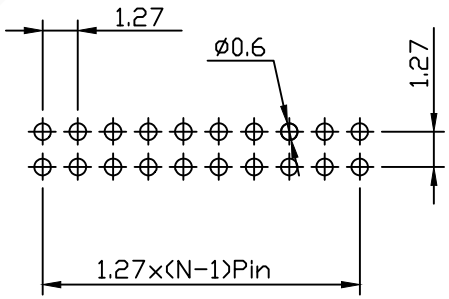
Dimensions: [mm]



Recommended PCB Layout(Top Side)for Reference Only.
PCB Dimensions Tolerance:±0.05mm



RHTECP NINGBO RHT ELECTRONIC CO.,LTD	UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	1.27x1.27mm Pitch Box Header 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	RHTAY02C-XX-S-B-□

Electrical Characteristics

Parameter	Value
Rated Current	1.0AMP
Contact Resistance	20mΩ Max
Withstand Voltage	500V AC/DC
Insulation Resistance	1000MΩ Min

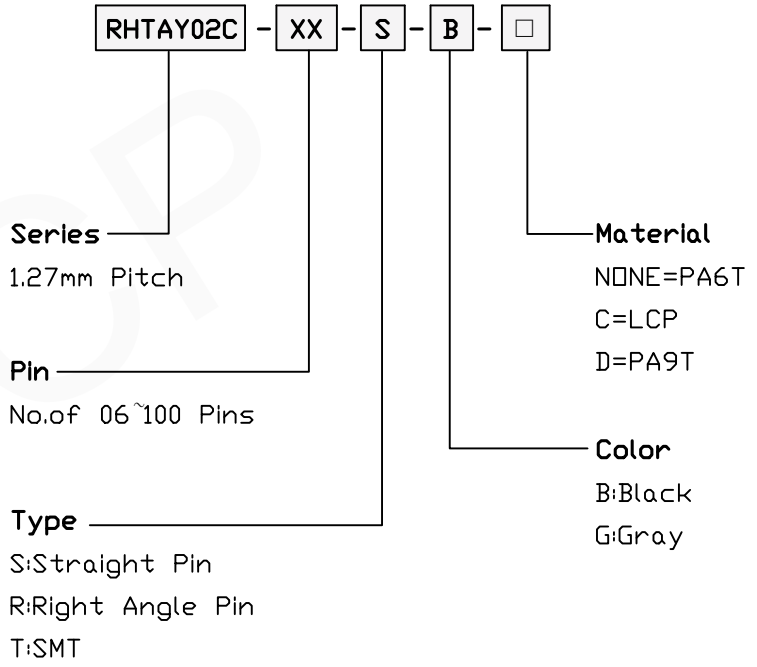
Mechanical

Parameter	Value
Operation Temperature	-40°C~+105°C
Max. Processing Temp	230°C For 30-60 Seconds (260°C For 10 Seconds)

Material

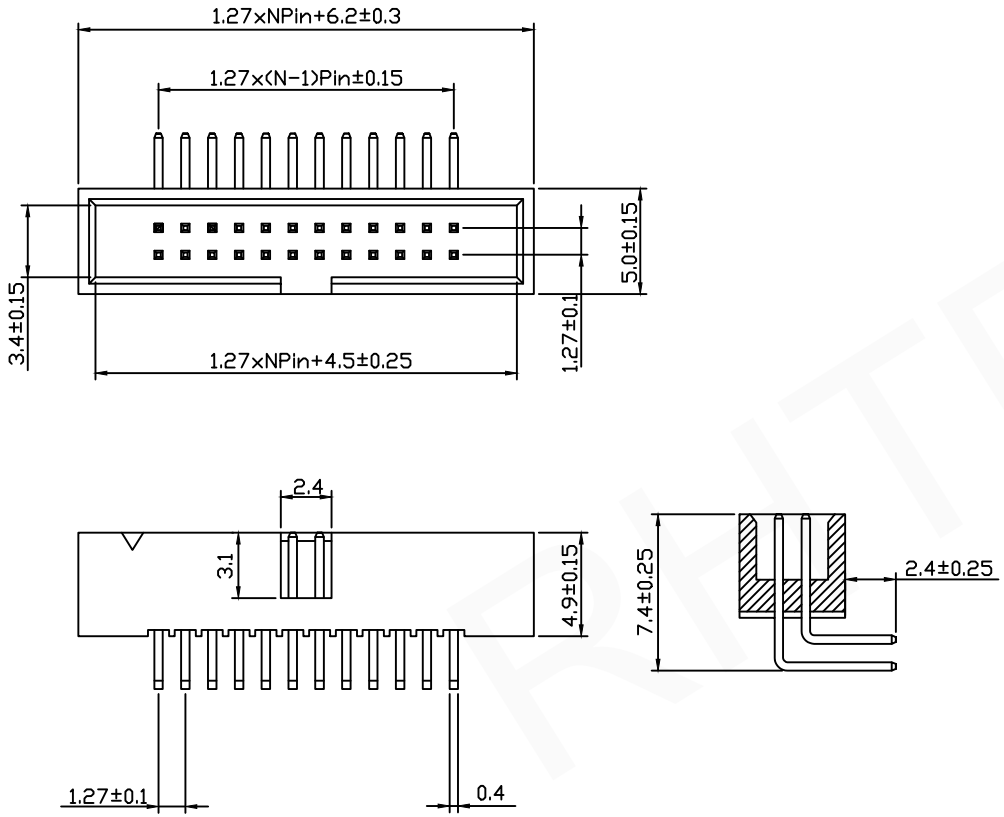
Item	Specification
Housing Material	PA6T Or LCP,UL94V-0
Contact Material	Brass
Plating	Gold Plated

Order Information

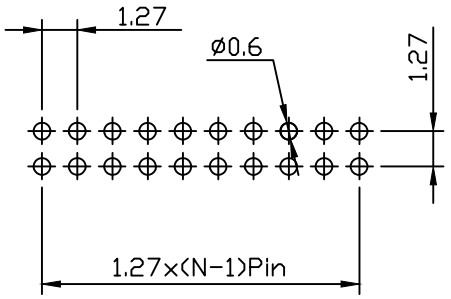


RHTECP NINGBO RHT ELECTRONIC CO.,LTD	UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	1.27x1.27mm Pitch Box Header Connector
	0~3	3~18	18~50	50~120	CHK'D BY FENG
	±0.12	±0.15	±0.3	±0.5	APPR BY ZHAN
					THIRD ANGLE PROJECTION RHTAY02C-XX-S-B-□

Dimensions: [mm]



Recommended PCB Layout(Top Side)for Reference Only.
PCB Dimensions Tolerance:±0.05mm



RHTECP NINGBO RHT ELECTRONIC CO.,LTD	UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	1.27x1.27mm Pitch Box Header 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 RHTAY02C-XX-R-B-□

Electrical Characteristics

Parameter	Value
Rated Current	1.0AMP
Contact Resistance	20mΩ Max
Withstand Voltage	500V AC/DC
Insulation Resistance	1000MΩ Min

Mechanical

Parameter	Value
Operation Temperature	-40°C~+105°C
Max. Processing Temp	230°C For 30-60 Seconds (260°C For 10 Seconds)

Material

Item	Specification
Housing Material	PA6T Or LCP,UL94V-0
Contact Material	Brass
Plating	Gold Plated

Order Information

RHTAY02C - XX - R - B - □

Series
1.27mm Pitch

Pin
No.of 06~100 pins

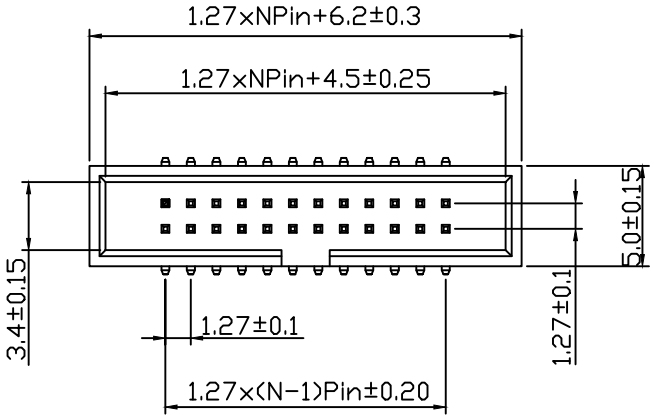
Type
S:Straight Pin
R:Right Angle Pin
T:SMT

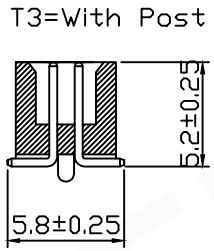
Color
B:Black
G:Gray

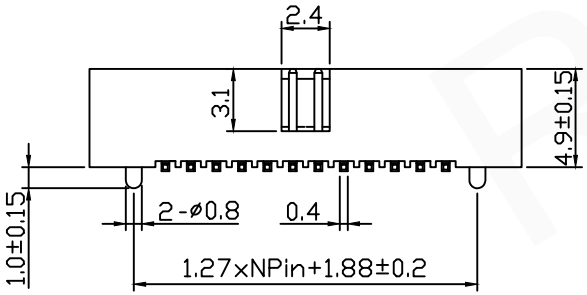
NONE=PA6T
C=LCP
D=PA9T

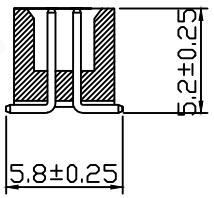
RHTECP® NINGBO RHT ELECTRONIC CO.,LTD	UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	1.27x1.27mm Pitch Box Header Connector
	0~3	3~18	18~50	50~120	CHK'D BY FENG
	±0.12	±0.15	±0.3	±0.5	APPR BY ZHAN
					THIRD ANGLE PROJECTION / RHTAY02C-XX-R-B-□

Dimensions: [mm]

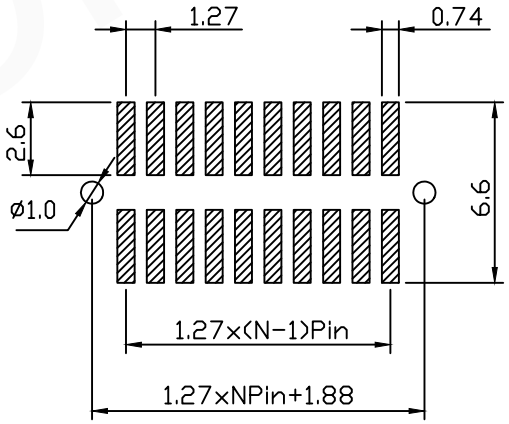








Recommended PCB Layout(Top Side)for Reference Only.
PCB Dimensions Tolerance: ±0.05 mm



RHTECP NINGBO RHT ELECTRONIC CO.,LTD	UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	1.27x1.27mm Pitch Box Header 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				RHTAY02C-XX-T-B-□-T

Electrical Characteristics

Parameter	Value
Rated Current	1.0AMP
Contact Resistance	20mΩ Max
Withstand Voltage	500V AC/DC
Insulation Resistance	1000MΩ Min

Mechanical

Parameter	Value
Operation Temperature	-40°C~+105°C
Max. Processing Temp	230°C For 30-60 Seconds (260°C For 10 Seconds)

Material

Item	Specification
Housing Material	PA6T Or LCP,UL94V-0
Contact Material	Brass
Plating	Gold Plated

Order Information

RHTAY02C - XX - T - B - □ - T

Series
1.27mm Pitch

Pin
No.of 06~100 pins

SMT
T:Without Post
T3:With Post

Packing
T=Tube
P=Tube+Cap
R=Reel+Cap

Material
NONE=PA6T
C=LCP
D=PA9T

Color
B:Black
G:Gray

RHTECP NINGBO RHT ELECTRONIC CO.,LTD	UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	1.27x1.27mm Pitch Box Header 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 / RHTAY02C-XX-T-B-□-T

Important Notice

The following terms and conditions apply to all products supplied and marketed by NINGBO RHT ELECTRONIC CO., LTD.

1. General Statement

RHT connectors are designed and manufactured in accordance with international quality management standards and internal control procedures to ensure stable electrical and mechanical performance under specified operating conditions.

2. Scope of Application

Products are intended for general electronic and industrial applications. For safety-critical systems including but not limited to medical devices, automotive safety systems, aerospace, railway control, nuclear facilities, or other life-support systems, prior written approval from RHT is required.

3. Customer Design Responsibility

The responsibility for product selection, validation, and suitability in a specific customer application remains solely with the customer. Customers must perform adequate verification testing, reliability evaluation, and risk assessment before mass production release.

4. Compliance and Quality Assurance

All products comply with applicable RoHS environmental directives. Quality inspections are performed according to RHT internal standards. Upon request, relevant inspection reports may be provided.

5. Soldering and Assembly

Soldering must comply with recommended RHT solder profiles. Use outside recommended processing conditions may affect product reliability and void warranty coverage.

6. Storage and Handling

Products should be stored in original sealed packaging under dry conditions. Recommended shelf life is 12 months from production date. Mechanical stress, improper handling, or contamination may affect performance.

7. Cleaning and Chemical Exposure

Cleaning agents must be compatible with connector housing and plating materials. Immersion cleaning is not recommended unless specifically validated by the customer.

RHTECP

RHTECP NINGBO RHT ELECTRONIC CO.,LTD	UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	1.27x1.27mm Pitch Box Header 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	RHTAY02C