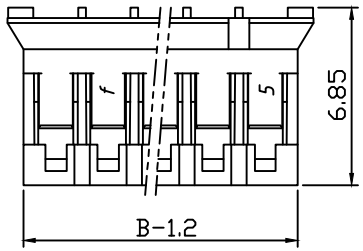
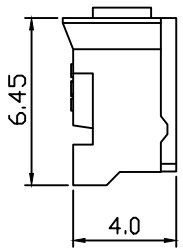
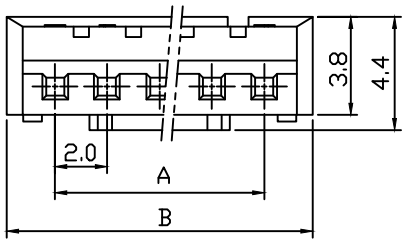
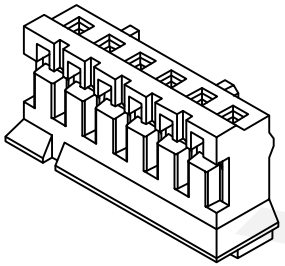
RoHS Compliance









Circuit	Dimension(mm)	
	A	B
02	2.00	5.75
03	4.00	7.75
04	6.00	9.75
05	8.00	11.75
06	10.00	13.75
07	12.00	15.75
08	14.00	17.75
09	16.00	19.75
10	18.00	21.75
11	20.00	23.75
12	22.00	25.75
13	24.00	27.75
14	26.00	29.75
15	28.00	31.75
16	30.00	33.75

Material:

Housing:PA66(UL94V-0),White

Electrical Characteristics:

1.Poles: 2 to 20P

2.Current Rating: 2.0A

3.Voltage Rating: 100V

4.Temperature Range:-25℃ To +85℃

5.Contact Resistance: ≤10mΩ

6.Insulation Resistance: ≥1000MΩ

7.Withstand Voltage: 800V AC/Minute

8.Applicable Wire: AWG #30 To #24

9.Applicable PC Board Thickness: 0.8~.6mm

Order Information

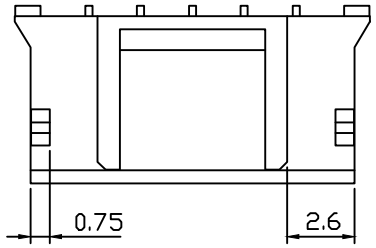
ERYAYL1-2.00-XX-H

Series No.

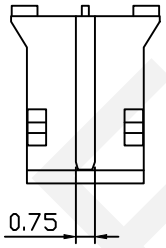
Pitch:2.00=2.00mm

PIN Number: 02~25Pin

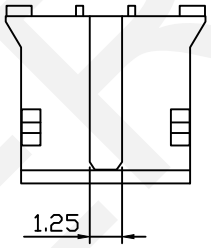
Type:H=Housing



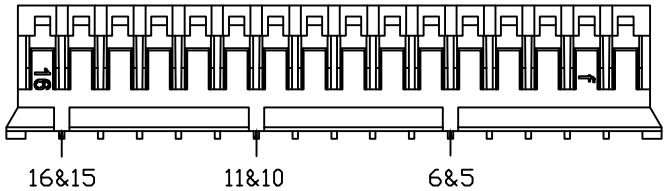
4~NP



2P

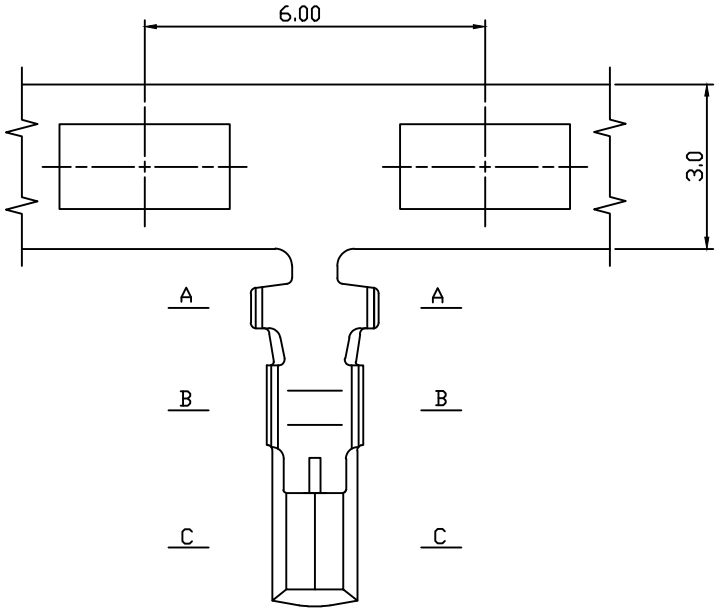


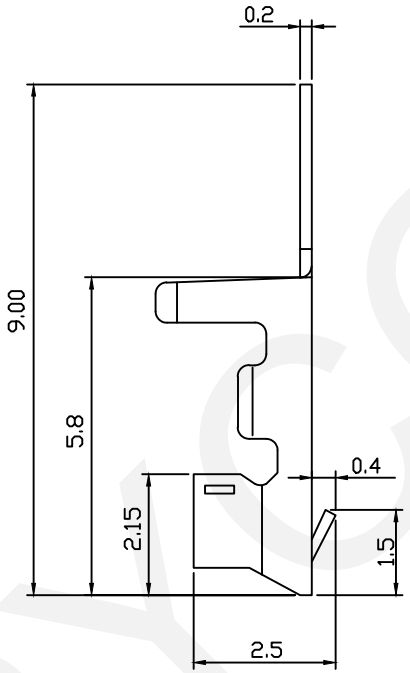
3P

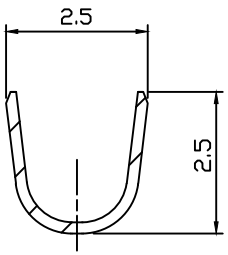


NINGBO ERYCO ELECTRONIC CO.,LTD	UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	2.00mm Pitch PH Type Wire To Board Connector
	0~3	3~18	18~50	50~120	CHK'D BY FENG
	±0.12	±0.15	±0.3	±0.5	APPR BY ZHAN
	THIRD ANGLE PROJECTION				ERYAYL1-2.00-XX-H

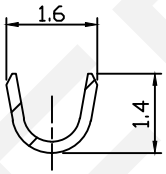
RoHS Compliance



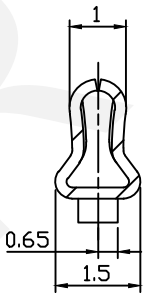




A-A



B-B



C-C

Material:

Terminal: Phos Bronze, Tin plating

10000PCB/Roll

Electrical Characteristics:

1.Poles: 2 to 20P

2.Current Rating: 2.0A

3.Voltage Rating: 250V

4.Temperature Range:-25℃ To +85℃

5.Contact Resistance: ≤20mΩ

6.Insulation Resistance: ≥500MΩ

7.Withstand Voltage: 800V AC/Minute

8.Applicable Wire: AWG #30 To #24

9.Applicable PC Board Thickness: 1.6mm

Order Information

ERYAYL1-2.00-T

Series No.

Pitch:2.00=2.00mm

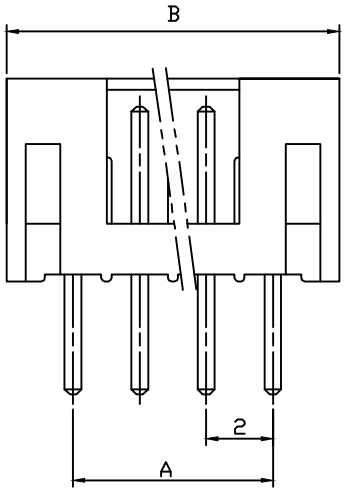
Type:T=Terminal

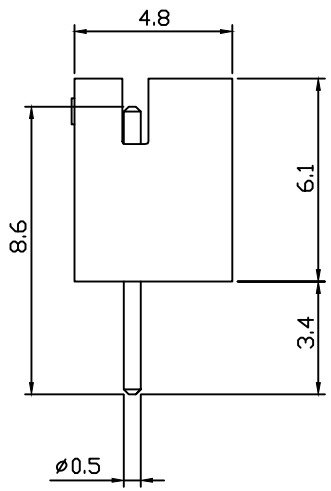
Range	>0~3	>3~18	>18~50	>50~120
Tolerance	±0.12	±0.15	±0.3	±0.5

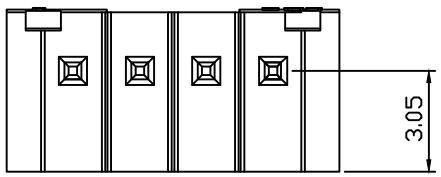
NINGBO ERYCO ELECTRONIC CO.,LTD	UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	2.00mm Pitch PH Type Wire To Board Connector
	0~3	3~18	18~50	50~120	CHK'D BY FENG
	±0.12	±0.15	±0.3	±0.5	APPR BY ZHAN
	THIRD ANGLE PROJECTION				ERYAYL1-2.00-T

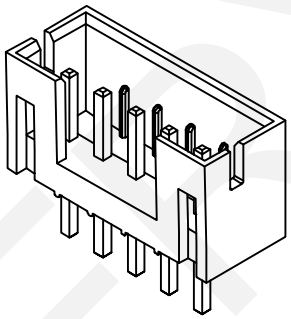
ERYCO

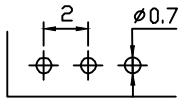
RoHS Compliance











PCB Layout

Circuit	Dimension(mm)	
	A	B
02	2.00	6.00
03	4.00	8.00
04	6.00	10.00
05	8.00	12.00
06	10.00	14.00
07	12.00	16.00
08	14.00	18.00
09	16.00	20.00
10	18.00	22.00
11	20.00	24.00
12	22.00	26.00
13	24.00	28.00
14	26.00	30.00
15	28.00	32.00
16	30.00	34.00
17	32.00	36.00
18	34.00	38.00
19	36.00	40.00
20	38.00	42.00

Material:

Housing:PA66(UL94V-0),White

Contact:Brass Tin

Electrical Characteristics:

1.Poles: 2 to 20P

2.Current Rating: 2.0A

3.Voltage Rating : 100V

4.Temperature Range:-25℃ To +85℃

5.Contact Resistance: ≤10mΩ

6.Insulation Resistance: ≥1000MΩ

7.Withstand Voltage: 800V AC/Minute

8.Applicable Wire: AWG #30 To #24

9.Applicable PC Board Thickness: 0.8~.6mm

Order Information

ERYAYL1-2.00-XX-S

Series No.

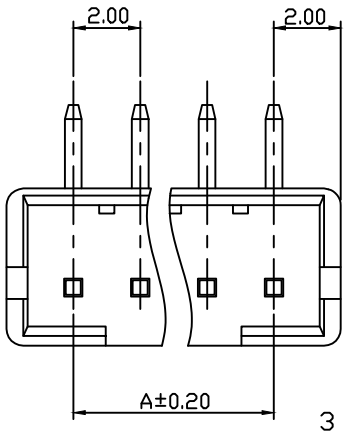
Pitch:2.00=2.00mm

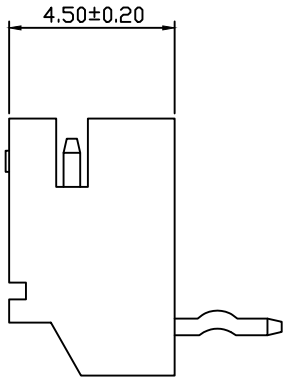
PIN Number: 02~20Pin

Type:S-Straight Male Pin

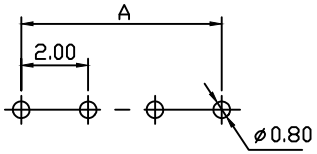
NINGBO ERYCO ELECTRONIC CO.,LTD	UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	2.00mm Pitch PH Type Wire To Board Connector
	0~3	3~18	18~50	50~120	CHK'D BY FENG
	±0.12	±0.15	±0.3	±0.5	APPR BY ZHAN
	THIRD ANGLE PROJECTION				ERYAYL1-2.00-XX-S

RoHS Compliance





3 Circuits Or More



PCB Layout

Circuit	Dimension(mm)	
	A	B
02	2.00	6.00
03	4.00	8.00
04	6.00	10.00
05	8.00	12.00
06	10.00	14.00
07	12.00	16.00
08	14.00	18.00
09	16.00	20.00
10	18.00	22.00
11	20.00	24.00
12	22.00	26.00
13	24.00	28.00
14	26.00	30.00
15	28.00	32.00
16	30.00	34.00

Material:

Housing: PA66, UL94V-0

Contact:Brass, Tin plated over Nickel

Electrical Characteristics:

1.Poles: 2 to 16P

2.Current Rating: 2.0A

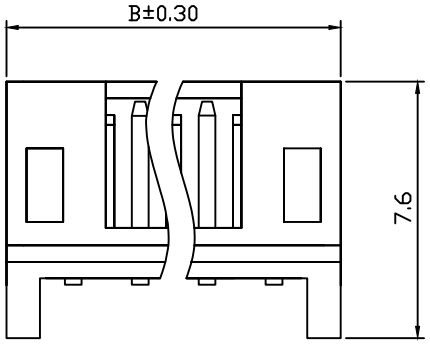
3.Voltage Rating : 100V

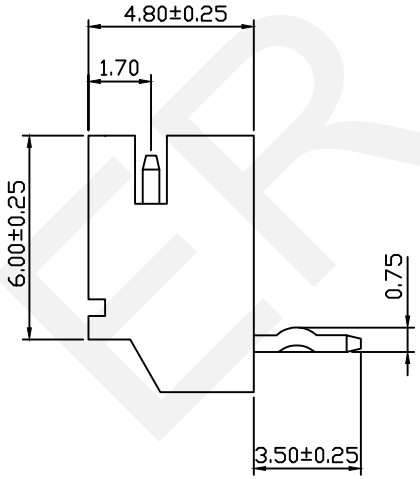
4.Temperature Range:-25℃ To +85℃

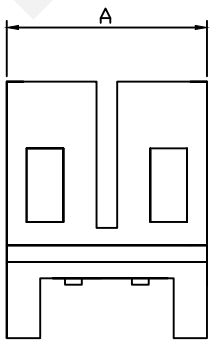
5.Contact Resistance: 20mΩ Max

6.Insulation Resistance: 1000MΩ Min

7.Withstand Voltage: 800V AC/Minute







2 Circuits

Order Information

ERYAYL1-2.00-XX-R

Series No.

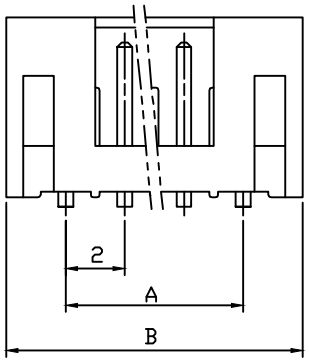
Pitch:2.00=2.00mm

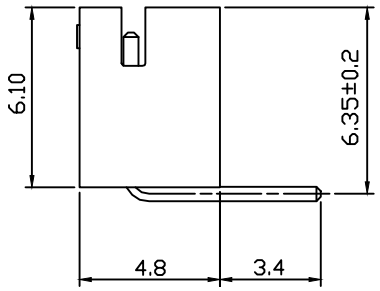
PIN Number: 02~16Pin

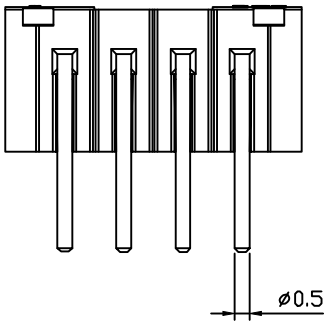
Type:Right Angle Male Pin

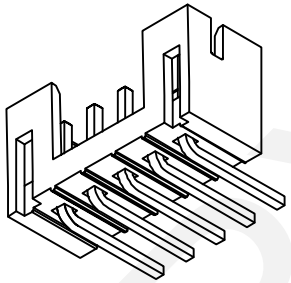
NINGBO ERYCO ELECTRONIC CO.,LTD	UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	2.00mm Pitch PH Type Wire To Board Connector
	0~3	3~18	18~50	50~120	CHK'D BY FENG
	±0.12	±0.15	±0.3	±0.5	APPR BY ZHAN
	THIRD ANGLE PROJECTION				ERYAYL1-2.00-XX-R

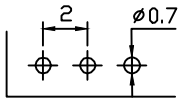
RoHS Compliance











PCB Layout

Circuit	Dimension(mm)	
	A	B
02	2.00	6.00
03	4.00	8.00
04	6.00	10.00
05	8.00	12.00
06	10.00	14.00
07	12.00	16.00
08	14.00	18.00
09	16.00	20.00
10	18.00	22.00
11	20.00	24.00
12	22.00	26.00
13	24.00	28.00
14	26.00	30.00
15	28.00	32.00
16	30.00	34.00
17	32.00	36.00
18	34.00	38.00
19	36.00	40.00
20	38.00	42.00

Material:

Housing: PA66(UL94V-0),White

Contact:Brass Tin

Electrical Characteristics:

1.Poles: 2 to 20P

2.Current Rating: 2.0A

3.Voltage Rating : 100V

4.Temperature Range:-25℃ To +85℃

5.Contact Resistance: ≤10mΩ

6.Insulation Resistance: ≥1000MΩ

7.Withstand Voltage: 800V AC/Minute

8.Applicable Wire: AWG #30 To #24

9.Applicable PC Board Thickness: 0.8~.6mm

Order Information

ERYAYL1-2.00-XX-R1

Series No.

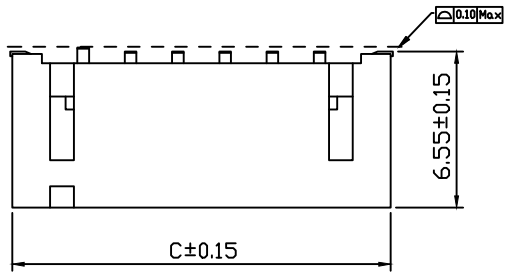
Pitch:2.00=2.00mm

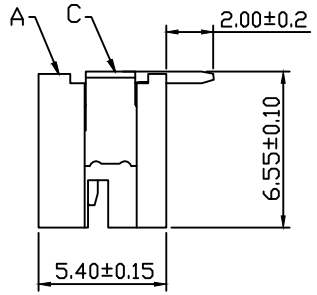
PIN Number: 02~20Pin

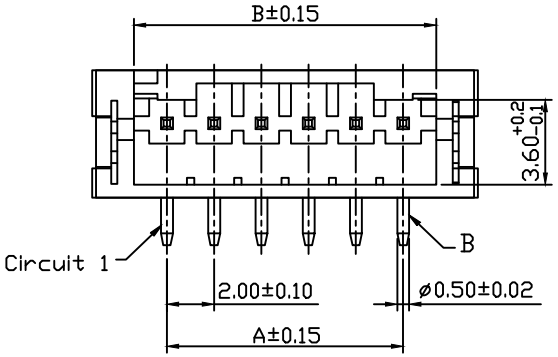
Type:R1=Right Male Pin

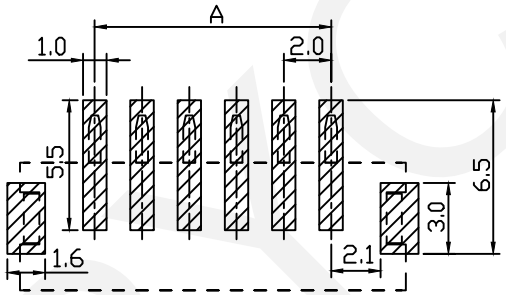
NINGBO ERYCO ELECTRONIC CO.,LTD	UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	2.00mm Pitch PH Type Wire To Board Connector
	0~3	3~18	18~50	50~120	CHK'D BY FENG
	±0.12	±0.15	±0.3	±0.5	APPR BY ZHAN
	THIRD ANGLE PROJECTION				ERYAYL1-2.00-XX-R1

RoHS Compliance

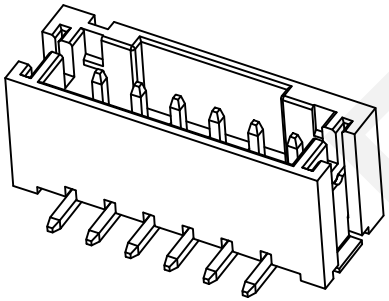








Suggested PCB Layout



Material:

Housing:LCP UL94V-0,Beige

Contact:Brass Tin Plated

Solder Tab: Phosphor Bronze,Tin Plated

Electrical Specification:

Poles: 2 to 16P

Contact Resistance: ≤20mΩ

Insulation Resistance: ≥1000MΩ

Rated Voltage: 250V AC DC

Rated Current: 2.0A AC DC

Withstand Voltage: 1000V AC/Minute

Temperature Range:-25℃~+105℃

Circuit	Dimension(mm)		
	A	B	C
02	2.00	4.80	8.00
03	4.00	6.80	10.00
04	6.00	8.80	12.00
05	8.00	10.80	14.00
06	10.00	12.80	16.00
07	12.00	14.80	18.00
08	14.00	16.80	20.00
09	16.00	18.80	22.00
10	18.00	20.80	24.00
11	20.00	22.80	26.00
12	22.00	24.80	28.00
13	24.00	26.80	30.00
14	26.00	28.80	32.00
15	28.00	30.80	34.00
16	30.00	32.80	36.00

NINGBO ERYCO ELECTRONIC CO.,LTD

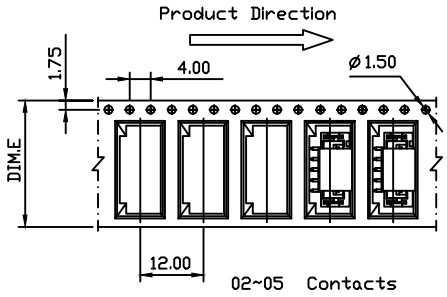
UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN
0~3	3~18	18~50	50~120	CHK'D BY FENG
±0.12	±0.15	±0.3	±0.5	APPR BY ZHAN

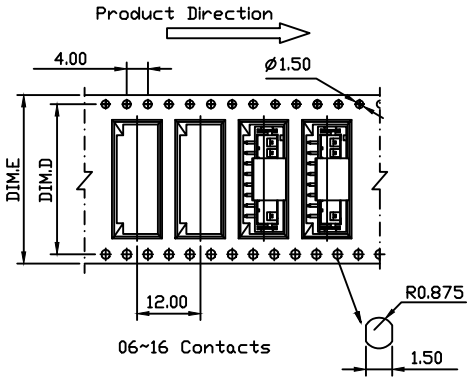
Ptich 2.00mm Vertical SMT Wafer

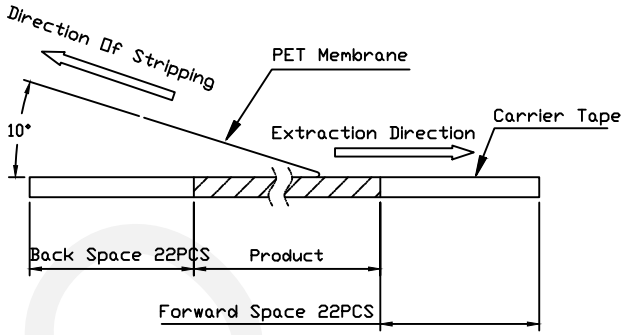
THIRD ANGLE PROJECTION

ERYAYL1-2.00-XX-VM

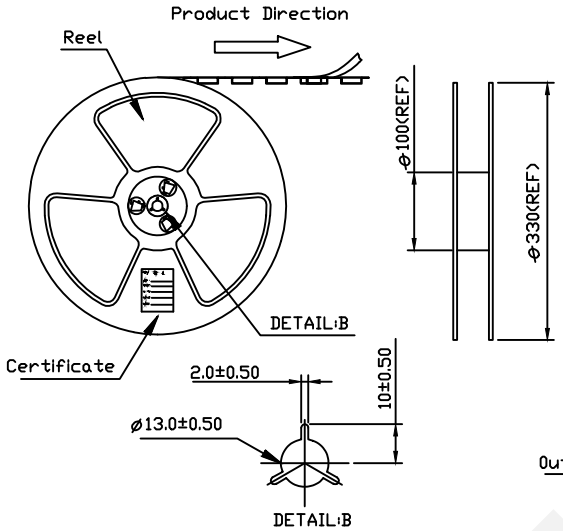
RoHS Compliance

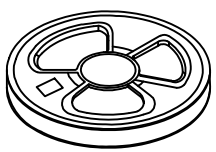




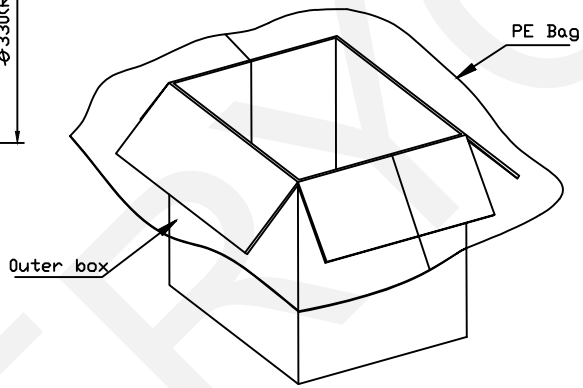


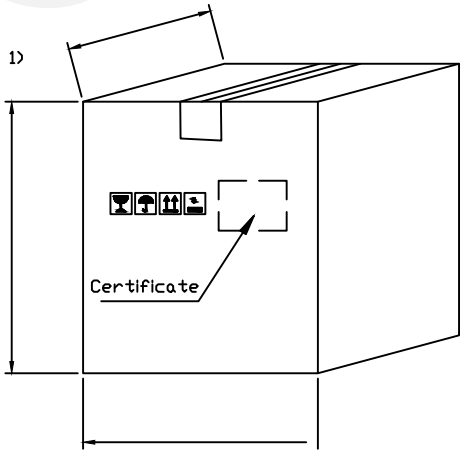
PET Membrane Schematic Diagram Of Strippin





LoadingxDisk (Reference List 1)





Circuit	DIM.D	DIM.E	Q'ty/Reel
02 PIN	--	16	700PCS
03-05 PIN	--	24	700PCS
06-08 PIN	28.4	32	700PCS
09-14 PIN	40.4	44	700PCS
15PIN	52.4	56	700PCS

Packaging Instructions

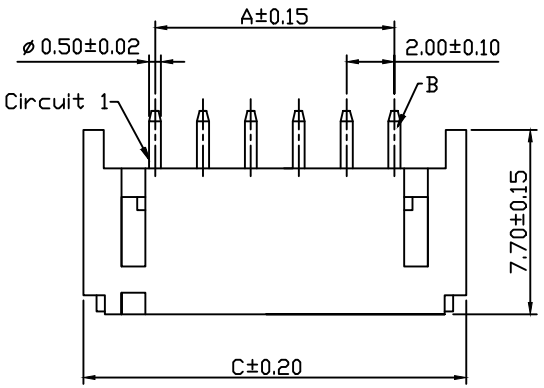
Pack The Finished Products Into Reels, Each With 700 PCS

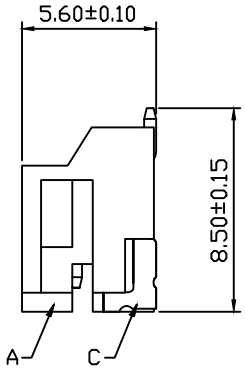
The Product Will Be Packed by pasting Acertificate On the Reel.

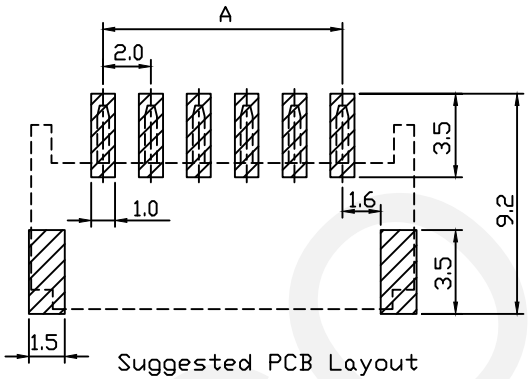
The Reel Is Put Into The Outer Box, and The Outer Box is Fitted With one first Large PE Bags With Qualified Certificates Affixed On The Outer Case

NINGBO ERYCO ELECTRONIC CO.,LTD	UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	Packaging Specification Ptich 2.00mm Vertical SMT
	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				ERYAYL1-2.00-XX-VM

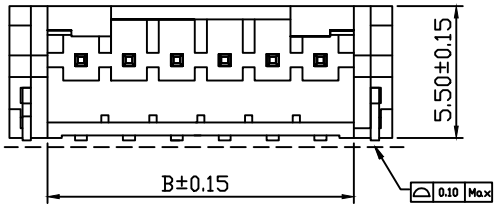
RoHS Compliance

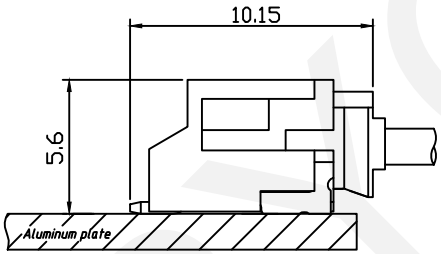




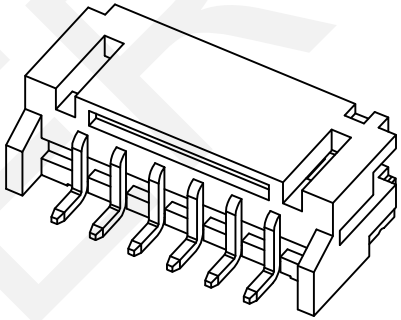


Suggested PCB Layout





Assembly Layout



Material:
Housing:LCP UL94V-0,Beige
Contact:Brass Tin Plated
SolderTab:Brass,Tin Plated
Electrical Specification:
Poles: 2 to 16P
Contact Resistance: ≤20mΩ
Insulation Resistance: ≥1000MΩ
Rated Voltage:250V AC DC
Rated Current:2.0A AC DC
Withstand Voltage:1000V AC/Minute
Temperature Range:-25℃~+105℃

Circuit	Dimension(mm)		
	A	B	C
02	2.00	4.75	8.00
03	4.00	6.75	10.00
04	6.00	8.75	12.00
05	8.00	10.75	14.00
06	10.00	12.75	16.00
07	12.00	14.75	18.00
08	14.00	16.75	20.00
09	16.00	18.75	22.00
10	18.00	20.75	24.00
11	20.00	22.75	26.00
12	22.00	24.75	28.00
13	24.00	26.75	30.00
14	26.00	28.75	32.00
15	28.00	30.75	34.00
16	30.00	32.70	36.00

NINGBO ERYCO ELECTRONIC CO.,LTD

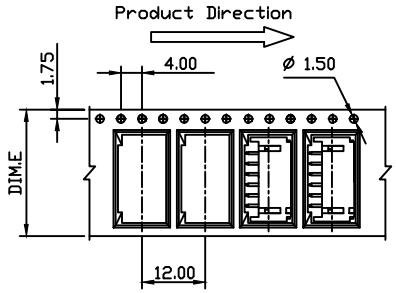
UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN
0~3	3~18	18~50	50~120	CHK'D BY FENG
±0.12	±0.15	±0.3	±0.5	APPR BY ZHAN

Ptich 2.00mm Horizontal SMT Wafer

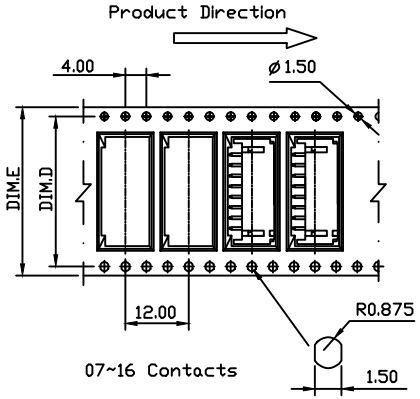
THIRD ANGLE PROJECTION

ERYAYL1-2.00-XX-RM

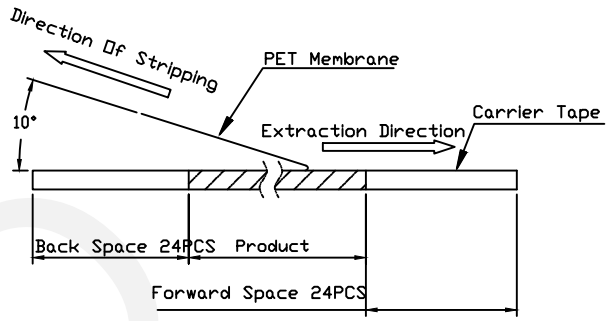
RoHS Compliance



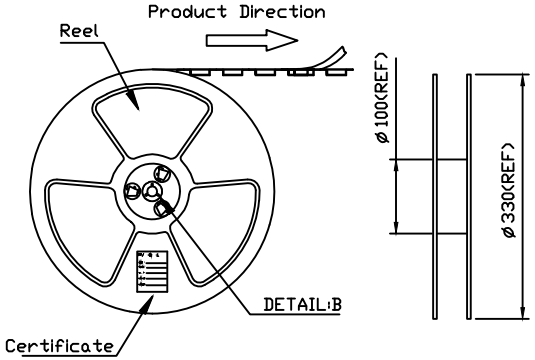
02~06 Contacts

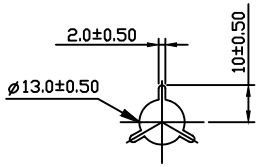


07~16 Contacts

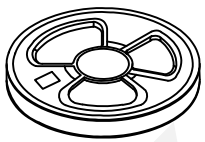


PET Membrane Schematic Diagram Of Strippin

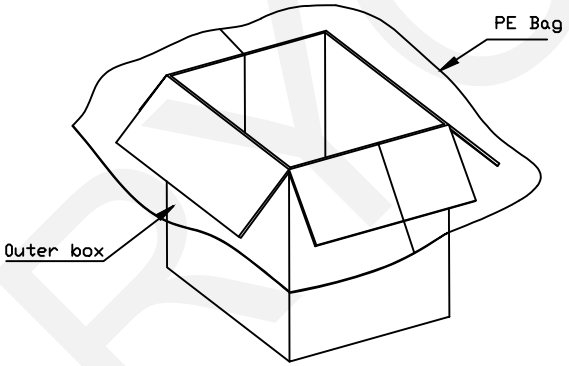


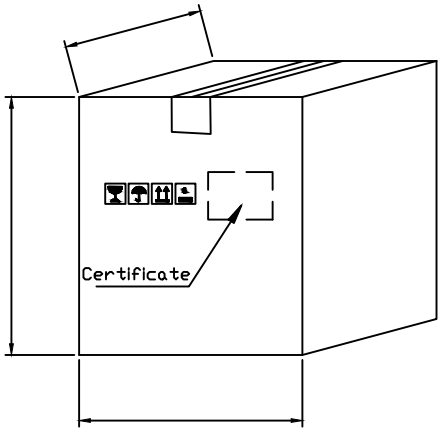


DETAIL:B



LoadingxDisk (Reference List 1)





Circuit	DIM.D	DIM.E	Q'ty/Reel
02-03 PIN	--	16	1000PCS
04-06 PIN	--	24	1000PCS
07-08 PIN	28.4	32	1000PCS
09-14 PIN	40.4	44	1000PCS
15-16 PIN	52.4	56	1000PCS

Packaging Instructions

Pack The Finished Products Into Reels, Each With 1000 PCS

The Product Will Be Packed by pasting Acertificate On the Reel.

The Reel Is Put Into The Outer Box, and The Outer Box is Fitted

With one first Large PE Bags With Qualified Certificates Affixed

On The Outer Case

NINGBO ERYCO ELECTRONIC CO.,LTD	UNITS:mm	SHEET SIZE: A4	SCALE:---	DRWN BY PAN	Packaging Specification Ptich 2.00mm Horizontal SMT
	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				ERYAYL1-2.00-XX-RM