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Leyconn

[Http://www.leyconn.com](http://www.leyconn.com)

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Technology Informaiting

IC socket / PCB Connectors / PGA Socket / PLCC Socket
Pitch: 2.54mm / 2.00mm / 1.778mm / 1.27mm / 1.00mm

Leyconn

TEL: +86(755)2624 6910
TEL: +86(755)2624 6912
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The values listed below are general specs applying for LEYCONN socket and pin connectors. Please see individual catalog page for additional and product specific technical data.

- Operating temperature range: -55 ... +125°C
- Climatic category (IEC): 55/125/21
- Operating humidity range: annual mean 75 %
- Max working voltage: 100 VRMS/150 VDC (2.54 mm grid)
- Solderability IEC 60068-2-20. Ta: 235°C, 2 s
- Resistance to soldering heat IEC 60068-2-20. Tb:
- Through hole mount components: 260°C, 5 s
- SMD mount components: 280°C, 10 s
- Resistance to corrosion:
- 1) Salt spray test IEC 60068-2-11. Ka: 48 h
- 2) Sulfur dioxide (SO₂) test IEC 60068-2-42 Kc: 96 h at 25 ppm SO₂, 25°C, 75 %rH
- 3) Hydrogen sulfide (H₂S) test IEC 60068-2-43 Kd: 96 h at 12 ppm H₂S, 25°C, 75 %rH

Electrical characteristics

- Insulation resistance between any two adjacent contacts: min 10000 MΩ at 500 VAC
- Capacitance between any two adjacent contacts: max 1 pF

Mechanical characteristics

- Clip retention: min. 40 N (no displacement under axial force applied)
- Contact (sleeve/ clip) retention: min. 3.3 Nacc. to MIL-DTL-83734, pt 4.6.4.2

Solderless compliant Press-Fit sockets

- Press-fit characteristics measured acc. to IEC 60352-5:
- Press-in force: 90 N max. (at min. hole dia.) / 65 N typ.
- Push-out force: 30 N min. (at max. hole dia.) / 50 N typ.
- Push-out 3rd cycle: 20 N min. (at max. hole dia.)

Environmental characteristics

The sockets withstand the following environmental tests without mechanical and electrical defects :

- Dry heat steady state IEC 60512-11-9.11i / 60068-2-2.Bb: 125°C, 16 h
- Damp heat cyclic IEC 60512-11-12.11m / 60068-2-30.Db: 25/55°C, 90°C 100 %rH, 1 cycle of 24 h
- Cold steady state IEC 60512-11-10.11j / 60068-2-1.A: -55°C, 2 h
- Thermal shock IEC 60512-11-4.11d / 60068-2-14.Na: -55/125°C, 5 cycles 30 min
- Sinusoidal vibrations IEC 60512-6-4.6d / 60068-2-6.Fc: 10 to 500 Hz, 10 g, 1 octave/min, 10 cycles for each axis
- Shock IEC 60512-6-3.6c / 60068-2-27.Ea: 50 g, 11 ms, 3 shocks in three axis

During the above two tests no contact interruption >50 ns does appear.

Packaging

- Standard packaging for DIL sockets is tube packaging
 - SMD mount sockets available on request with Tape & Reel packaging acc. to EIA Standard 481.
- These products are marked with the symbol
Please consult www.leyconn.com for availability, size of tape, size of reel, number of components per reel and packing units.

THREE FINGER CLIPS:

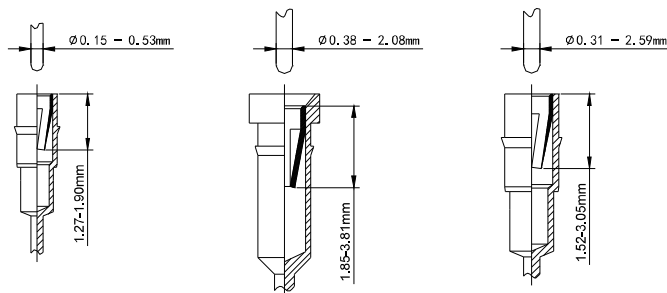
Outside DIA: 0.50~0.81mm
Overall length: 1.27~1.90mm
Operating range PIN DIA: 0.15~0.53mm
MAX insertion force: 30~400GM
MIX withdrawal force: 9~100GM

FOUR FINGER CLIPS:

Outside DIA: 1.12~2.74mm
Overall length: 1.85~3.81mm
Operating range PIN DIA: 0.38~2.08mm
MAX insertion force: 45~2270GM
MIX withdrawal force: 15~230GM

SIX FINGER CLIPS:

Outside DIA: 0.71~3.13mm
Overall length: 1.52~3.05mm
Operating range PIN DIA: 0.31~2.59mm
MAX insertion force: 20~600GM
MIX withdrawal force: 10~150GM



Due to technical progress, all the information provided is subject to change without prior notice.

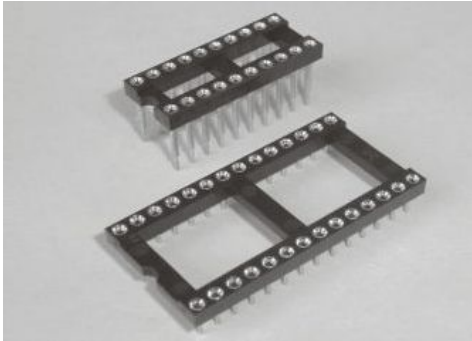
IC Socket
IC Solder Adapter
Solder Type, SMT Type, Wire-Wrap

Pitch:2.54mm

Series
111
121

Leyconn

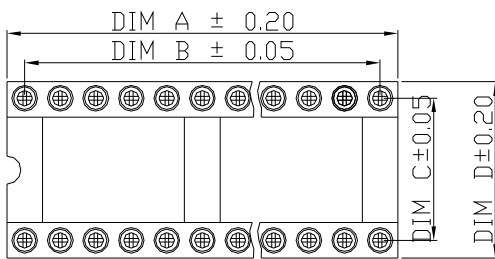
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Technical Specs:

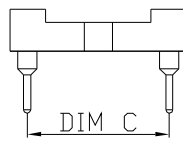
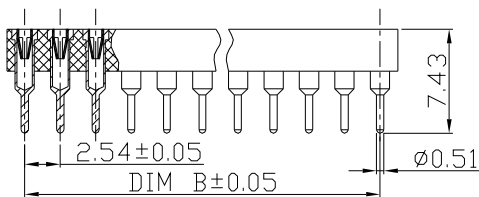
Insulator: Black glassfilled polyester PBT-GF30-FR
Flammability: UL 94V-0
PIN(Sleeve): Brass CuZn36Pb3 (C36000)
Contact clip (4 finger): Beryllium copper (C17200)
Accepted pin Φ : 0.40 to 0.56 mm
Forces(IC Socket): (polished steel gauge Φ 0.43 mm)
-- Insertion 2 N typ.
-- Withdrawal 1 N typ.
Mechanical life: min 500 cycles
Rated current: 1 A
Contact resistance: max 10 m Ω
Dielectric strength: min 1000 V RMS

IC Socket

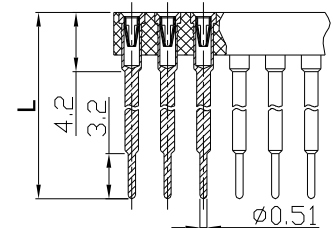


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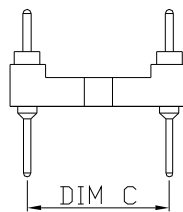
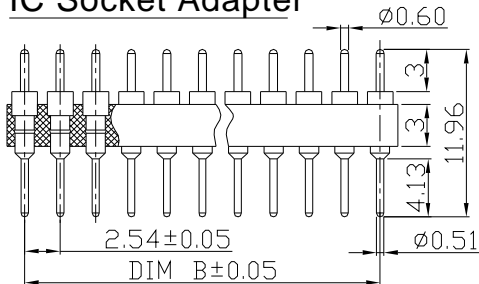
Contact	Dim A	Dim B	Dim C	Dim D	Contact	Dim A	Dim B	Dim C	Dim D
6	7.62	5.08	7.62	10.16	32	40.64	38.10	10.16	12.70
8	10.16	7.62	7.62	10.16	24	30.48	27.94	15.24	17.78
10	12.70	10.16	7.62	10.16	28	35.56	33.02	15.24	17.78
14	17.78	15.24	7.62	10.16	32	40.64	38.10	15.24	17.78
16	20.32	17.78	7.62	10.16	36	45.72	43.18	15.24	17.78
18	22.86	20.32	7.62	10.16	40	50.80	48.26	15.24	17.78
20	25.40	22.86	7.62	10.16	42	53.34	50.80	15.24	17.78
24	30.48	27.94	7.62	10.16	48	60.96	58.42	15.24	17.78
28	35.56	33.02	7.62	10.16	50	63.50	60.96	15.24	17.78
20	25.40	22.86	10.16	12.70	52	66.04	63.50	15.24	17.78
22	27.94	25.40	10.16	12.70	50	63.50	60.96	22.86	25.40
24	30.48	27.94	10.16	12.70	52	66.04	63.50	22.86	25.40
28	35.56	33.02	10.16	12.70	64	81.28	78.74	22.86	25.40



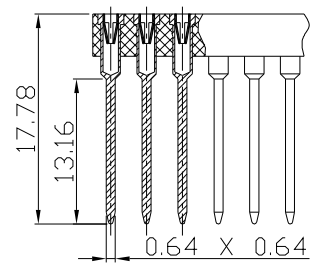
Heighten



IC Socket Adapter



Wire - Wrap



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦
1XX XX X X X X XX

① Series No. :
121=IC Socket
111=IC Socket Adapter

② Number of Contacts:
06/08/10/14/16/18/20
22/24/28/32/36/40/42
48/50/52/64

③ Dim C :
3=7.62/.300"
4=10.16/.400"
6=15.24/.600"
9=22.86/.900"

④ Tail & Mounting Style:
S=Straight DIP Type
M=Straight S.M.T Type
R=Right Angle Type

⑤ Insulator type
1=Open frame
2=Closed frame

⑦ Pin Type
See Page 15-16

⑥ Plated(Sleeve / Contact):
0 = Tin 200u" / Tin 200u"
1 = Tin 200u" / Gold Flash
2 = Tin 200u" / Gold 5u"
3 = Tin 200u" / Gold 15u"
4 = Tin 200u" / Gold 30u"
5 = GoldFlash / GoldFlash

Due to technical progress, all the information provided is subject to change without prior notice.

IC Socket - Solder Type

Pitch:1.778mm

IC Socket Adapter - Solder Type

Pitch:1.778mm

Series

117

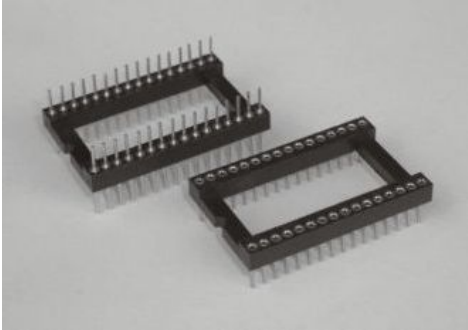
127

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Technical Specs:

Insulator: Black glass filled polyester PBT-GF30-FR

Flammability: UL 94V-O

PIN (Sleeve): Brass CuZn36Pb3 (C36000)

Rated current: 1A

Contact resistance: max 10 mΩ

Dielectric strength: min 1000 V RMS

Socket:

Clip (4 finger): Beryllium copper (C17200)

Accepted pin : Φ0.40 to 0.56 mm

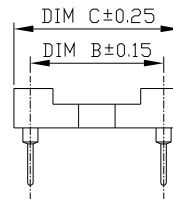
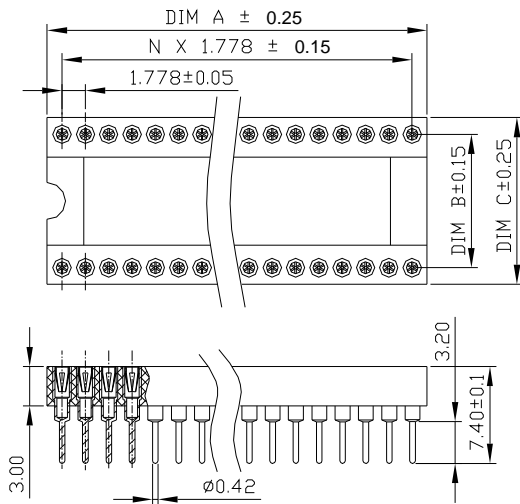
Forces: (polished steel gauge Φ0.43 mm)

-- Insertion 2N typ.

-- Withdrawal 1N typ.

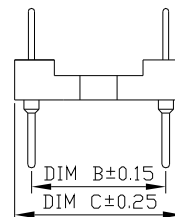
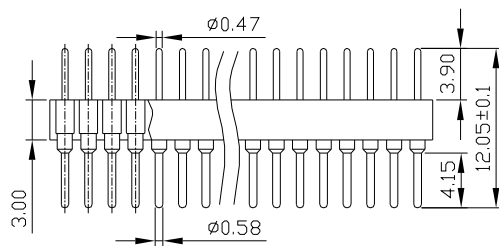
Mechanical life: min 100 cycles

IC Socket:



Poles	A	B	C
16	14.6	7.62	10.1
28	25.2	10.16	12.7
30	27.0	10.16	12.7
32	28.8	10.16	12.7
48	43.1	10.16	12.7
20	18.1	15.24	17.64
24	21.7	15.24	17.64
28	25.2	15.24	17.64
40	35.8	15.24	17.64
42	37.7	15.24	17.64
48	43.1	15.24	17.64
52	46.7	15.24	17.64
56	50.2	15.24	17.64
64	57.3	15.24	17.64
68	60.9	15.24	17.64
64*	57.3	19.05	21.5

IC Socket Adapter:



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦
1XX XX X X X X XX

① Series No. :
127=IC Socket
117=IC Socket Adapter

② Number of Contacts:
06/08/10/14/16/18/20
22/24/28/32/36/40/42
48/50/52/64

③ Dim C :
3=7.62/.300"
4=10.16/.400"
6=15.24/.600"
9=22.86/.900"

④ Tail & Mounting Style:
S=Straight DIP Type
M=Straight S.M.T Type

⑤ Insulator type
1=Open frame
2=Closed frame

⑦ Pin Type
See Page 15~16

⑥ Plated(Sleeve / Contact):
0 = Tin 200u" / Tin 200u"
1 = Tin 200u" / Gold Flash
2 = Tin 200u" / Gold 5u"
3 = Tin 200u" / Gold 15u"
4 = Tin 200u" / Gold 30u"
5 = GoldFlash / GoldFlash

Due to technical progress, all the information provided is subject to change without prior notice.

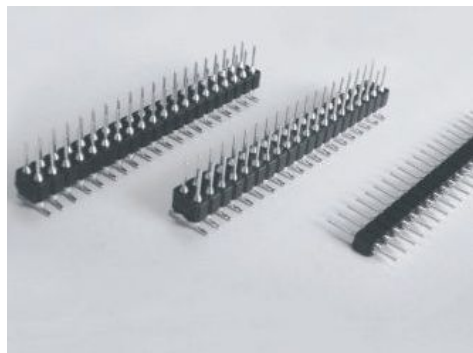
Solder Type / Strip Right Angle / SMD Type
Single row / double row

Pitch:2.54mm

Series
131

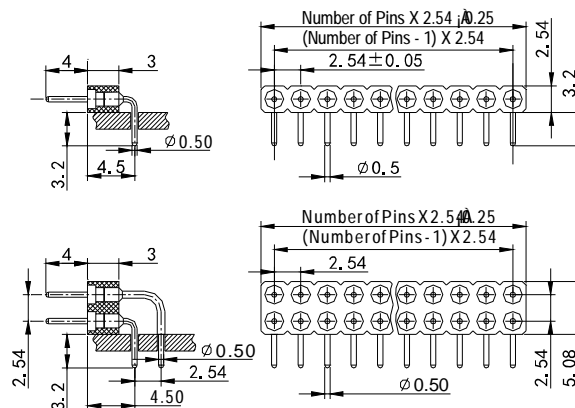
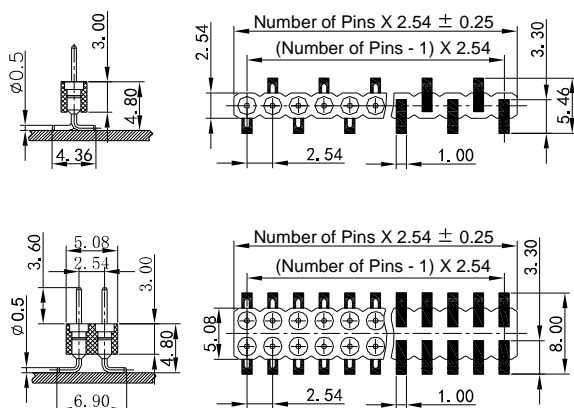
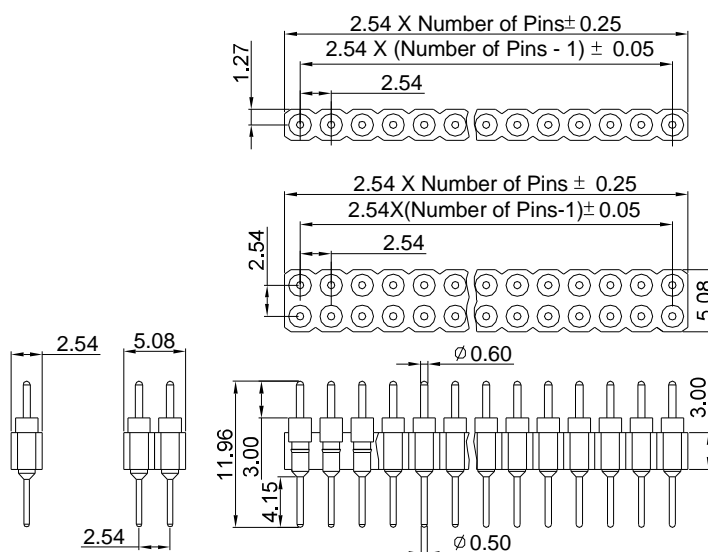
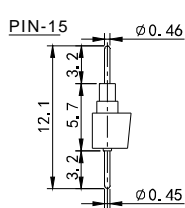
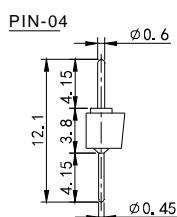
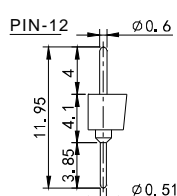
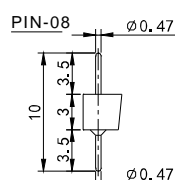
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Technical Specs:

Insulator: Black glassfilled polyester PPS-GF30-FR
 Flammability: UL 94V-O
 Contact: Brass CuZn36Pb3 (C36000)
 Connecting pins Φ : 0.47 mm
 Mechanical life: min 500 cycles
 Rated current: 3A
 Dielectric strength: min 1000 V RMS



Ordering Code

① 131 ② XX ③ X ④ X ⑤ X ⑥ X ⑦ XX

① Series No. :
131=PIN Connectors

② Number of Contacts:
Single row = 01 to 40
Double row = 02 to 80

③ Dip Spacing:
0=Single row
1=Double row

④ Tail & Mounting Style:
S=Straight DIP Type
M=Straight S.M.T Type
R =Right Angle Type

⑤ Insulator Height
3=3.00mm

⑥ PIN Plated:
0 = Tin 200u"
1 = GoldFlash
2 = Gold5u"
3 = Gold15u"
4 = Gold30u"

⑦ Pin Type
See Page 15~16

Due to technical progress, all the information provided is subject to change without prior notice.

SIP Socket

Mating pin Ø 0.76 mm

Solder Type / Strip Right Angle / SMD Type

Single row / double row

Pitch:2.54mm

Series

141***S7...

141***M7...

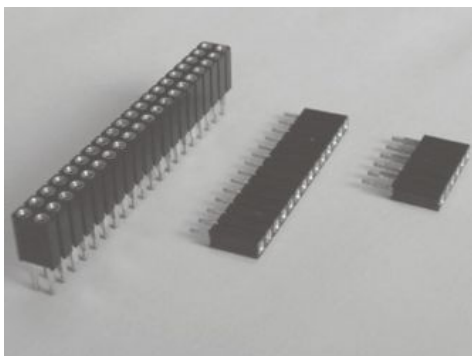
141***R7...

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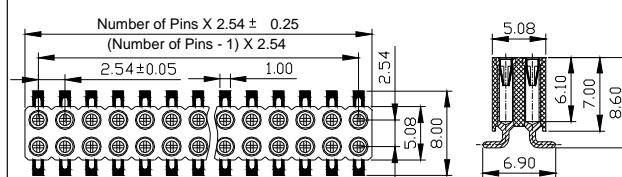
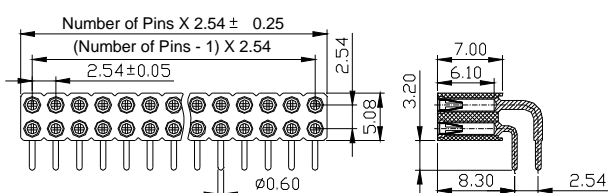
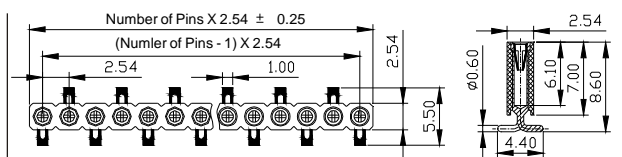
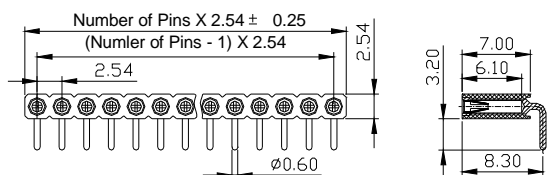
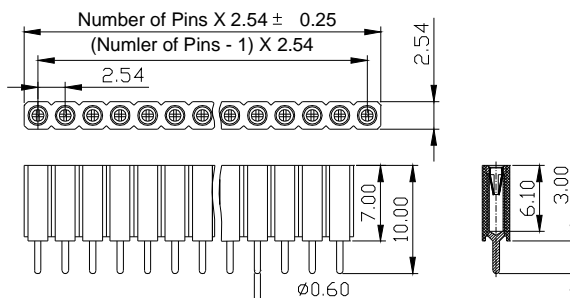
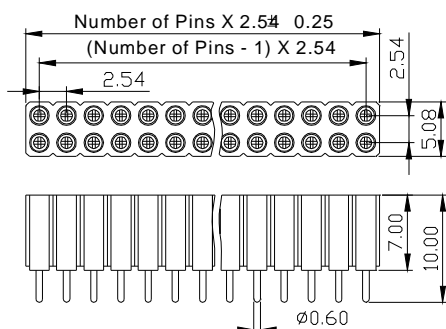
TEL:+86(755)2624 6912

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Technical Specs:

Insulator:	Black glass filled polyester PPS-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn36Pb3 (C36000)
Contact clip (6finger):	Beryllium copper (C17200)
Mating pins:	Φ 0.70 to 0.90 mm, 0.635 mm
Forces:	(polished steel gauge Φ 0.76 mm)
-- Insertion	2N typ.
-- Withdrawal	1N typ.
Mechanical life:	min 500 cycles
Rated current:	3A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000 V RMS
Coplanarity SMD	max 0.1 mm (measured on
terminations:	25 mm long connectors)



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦
141 XX X X 7 X XX

① Series No. :
141=SIP Socket

② Number of Contacts:
Single row =01 to 40
Double row=02 to 80

③ Dip Spacing:
0=Single row
1=Double row

④ Tail & Mounting Style:
S=Straight DIP Type
M=Straight S.M.T Type
R=Right Angle Type

⑤ Insulator Height
7=7.00mm

⑥ Plated(Sleeve / Contact):
0 = Tin 200u" / Tin 200u"
1 = Tin 200u" / Gold Flash
2 = Tin 200u" / Gold 5u"
3 = Tin 200u" / Gold 15u"
4 = Tin 200u" / Gold 30u"
5 = GoldFlash / Gold Flash

⑦ Pin Type
See Page 15~16

Due to technical progress, all the information provided is subject to change without prior notice.

SIP Socket

Mating pin \varnothing 0.47 mm

Solder Type / Strip Right Angle / SMD Type

Single row / double row

Pitch: 2.54mm

Series

141***S3*

141***M3*

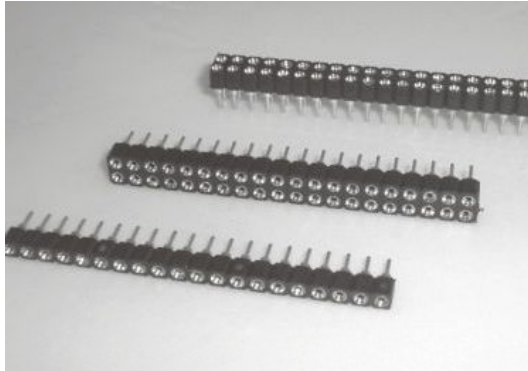
141***R3*

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TEL: +86(755)2624 6910

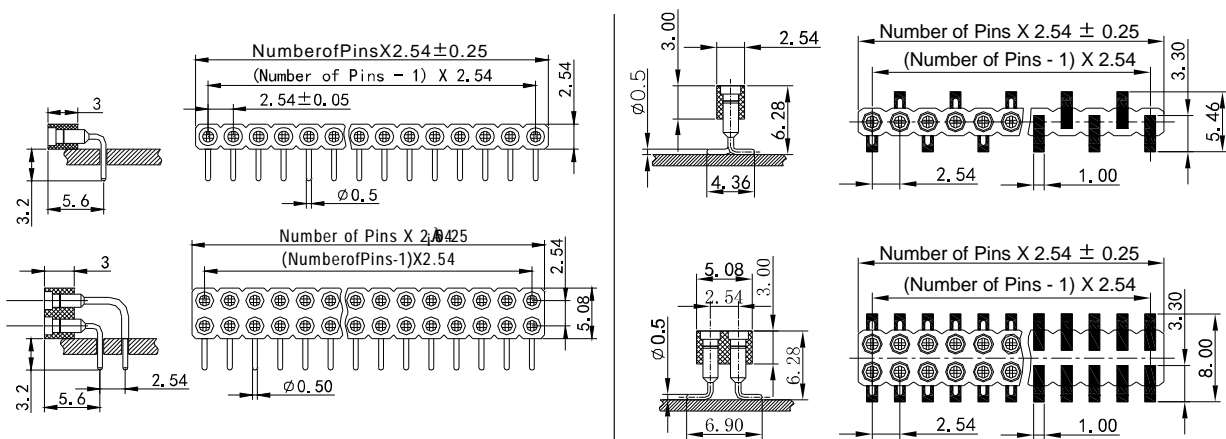
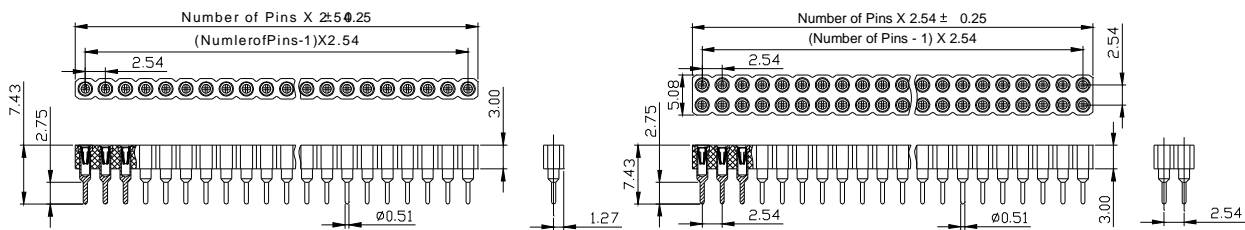
TEL: +86(755)2624 6912

Http://www.leyconn.com



Technical Specs:

Insulator:	Black glass filled polyester PPS-GF30-FR
Flammability:	UL 94V-0
Sleeve:	Brass CuZn36Pb3 (C36000)
Contact clip (6 finger):	Beryllium copper (C17200)
Mating pins:	\varnothing 0.40 to 0.56 mm
Forces:	(polished steel gauge \varnothing 0.43 mm)
-- Insertion	2 N typ.
-- Withdrawal	1 N typ.
Mechanical life:	min 500 cycles
Rated current:	3 A
Contact resistance:	max 10 m Ω
Dielectric strength:	min 1000 V RMS
Coplanarity SMD terminations:	max 0.1 mm (measured on 25 mm long connectors)



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦
141 XX X X X X XX

① Series No. :

141=SIP Socket

② Number of Contacts:
Single row = 01 to 40
Double row = 02 to 80

③ Dip Spacing:
0=Single row
1=Double row

④ Tail & Mounting Style:
S=Straight DIP Type
M=Straight S.M.T Type
R=Right Angle Type

⑤ Insulator Height
3=3.00mm

⑥ Plated (Sleeve / Contact):
0 = Tin 200u" / Tin 200u"
1 = Tin 200u" / Gold Flash
2 = Tin 200u" / Gold 5u"
3 = Tin 200u" / Gold 15u"
4 = Tin 200u" / Gold 30u"
5 = Gold Flash / Gold Flash

⑦ Pin Type
See Page 15-16

Due to technical progress, all the information provided is subject to change without prior notice.

SIP Socket / PIN Connectors

Solder tail

Pitch:2.54mm

Ultra low and very low profile socket connectors

Series

141****1*

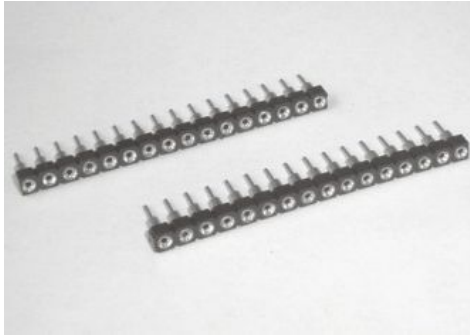
141****2*

Leyconn

TEL:+86(755)2624 6910

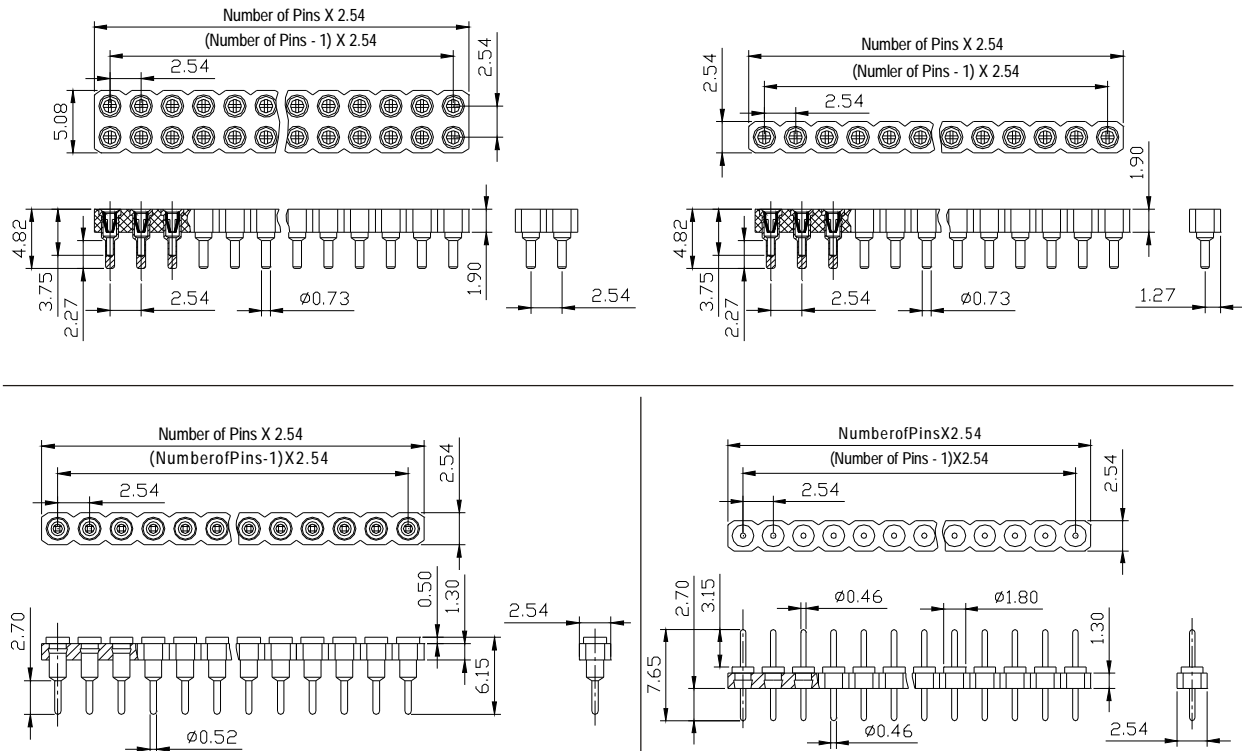
TEL:+86(755)2624 6912

Http://www.leyconn.com



Technical Specs:

Insulator:	Black glass filled polyester PPS-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn36Pb3 (C36000)
Contact clip (6finger):	Beryllium copper (C17200)
Mating pins:	Φ 0.40 to 0.56 mm
Forces:	(polished steel gauge Φ 0.43 mm)
-- Insertion	2N typ.
-- Withdrawal	1N typ.
Mechanical life:	min 500 cycles
Rated current:	3A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000 V RMS



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦
141 XX X X X X XX

① Series No. :
141=SIP Socket

② Number of Contacts:
Single row =01 to 40
Double row=02 to 80

③ Dip Spacing:
0=Single row
1=Double row

④ Tail & Mounting Style:
S=Straight DIP Type
M=Straight S.M.T Type
R =Right Angle Type

⑤ Insulator Height
1=1.30mm
2=1.90mm

⑥ Plated(Sleeve / Contact):
0 = Tin 200u" / Tin 200u"
1 = Tin 200u" / Gold Flash
2 = Tin 200u" / Gold 5u"
3 = Tin 200u" / Gold 15u"
4 = Tin 200u" / Gold 30u"
5 = GoldFlash / GoldFlash

⑦ Pin Type
See Page 15~16

Due to technical progress, all the information provided is subject to change without prior notice.

SIP Socket / PIN Connectors

Solder Type / Strip Right Angle
Single row

Pitch:2.00mm

Series

142****3...

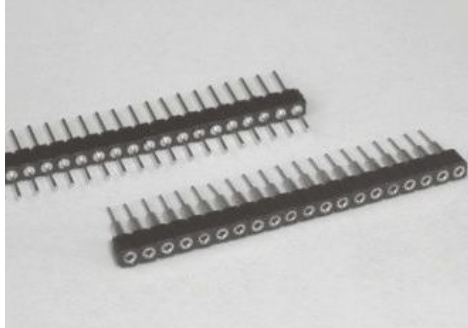
132****3...

Leyconn

TEL:+86(755)2624 6910

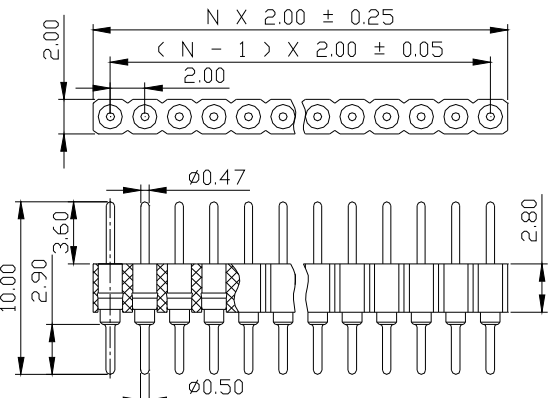
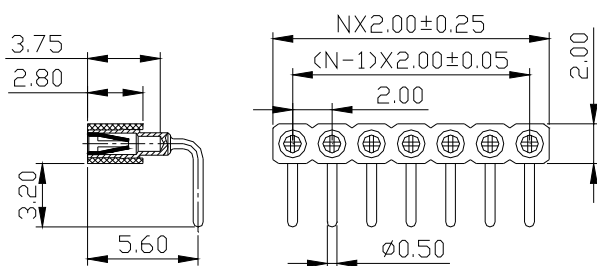
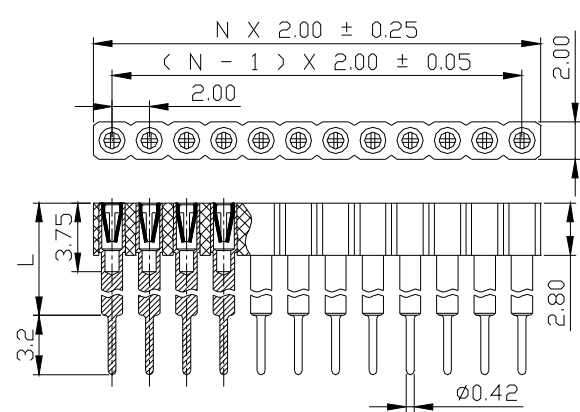
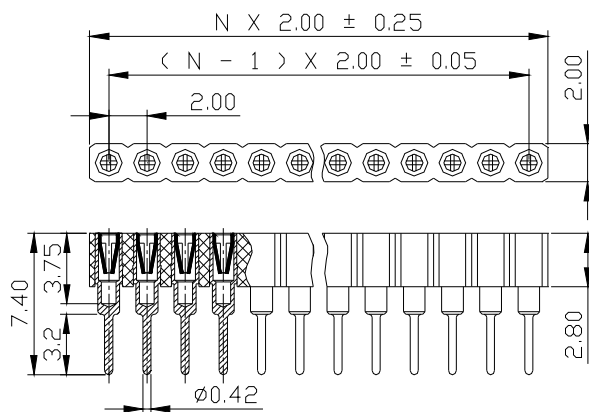
TEL:+86(755)2624 6912

Http://www.leyconn.com



Technical Specs:

Insulator:	Black glass filled polyester PPS-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn36Pb3 (C36000)
Contact clip (6 finger):	Beryllium copper (C17200)
Mating pins:	Φ0.40 to 0.56 mm
Forces(SIP Socket):	(polished steel gauge Φ0.43 mm)
-- Insertion	2 N typ.
-- Withdrawal	1 N typ.
Mechanical life:	min500 cycles
Rated current:	3 A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000 V RMS



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦
1X2 XX X X 3 X XX

① Series No. :

142=SIP Socket
Pitch:2.00mm

132=PIN Connectors
Pitch:2.00mm

② Number of Contacts:
Single row =01 to 40
Double row=02 to 80

③ Dip Spacing:
0=Single row
1=Double row

④ Tail & Mounting Style:
S=Straight DIP Type
M=Straight S.M.T Type
R=Right Angle Type

⑤ Insulator Height
3=2.80mm

⑦ Pin Type
See Page 15-16

⑥ Plated(Sleeve / Contact):
0 = Tin 200u" / Tin 200u"
1 = Tin 200u" / Gold Flash
2 = Tin 200u" / Gold 5u"
3 = Tin 200u" / Gold 15u"
4 = Tin 200u" / Gold 30u"
5 = Gold Flash / Gold Flash
6 = Gold 3u" / Gold 3u"
7 = Gold 5u" / Gold 5u"
8 = Gold 10u" / Gold 10u"

Due to technical progress, all the information provided is subject to change without prior notice.

SIP Socket / PIN Connectors

Solder Type / Strip Right Angle
Single row

Pitch:1.778mm

Series

137****3...

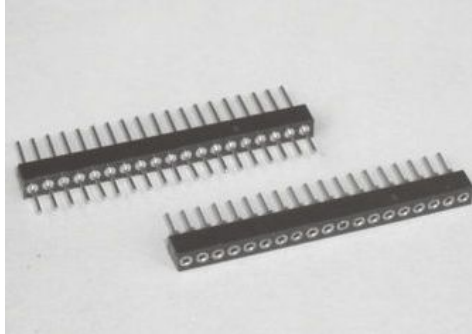
147****3...

Leyconn

TEL:+86(755)2624 6910

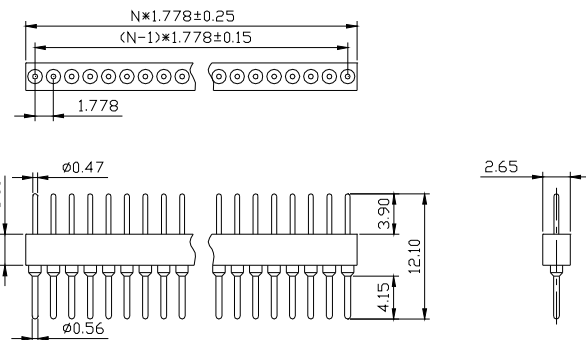
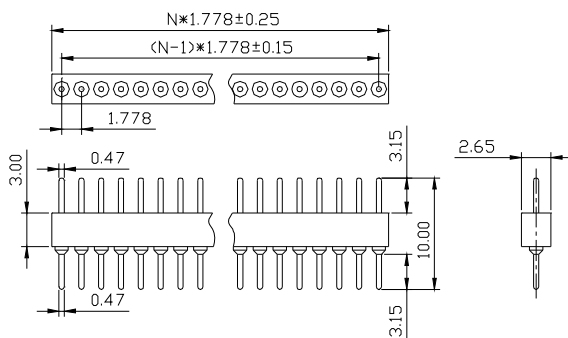
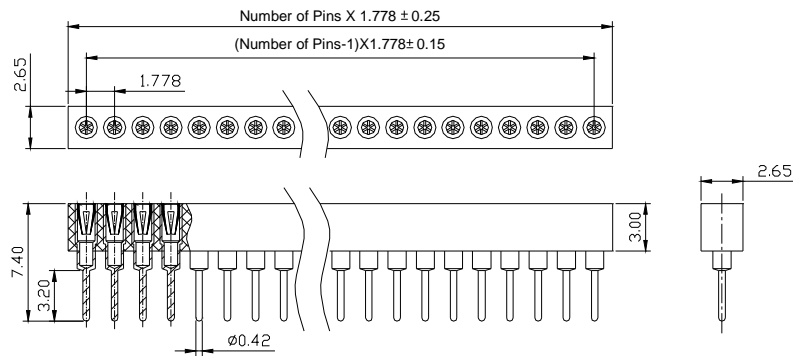
TEL:+86(755)2624 6912

Http://www.leyconn.com



Technical Specs:

Insulator:	Black glass filled polyester PPS-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn36Pb3 (C36000)
Contact clip (6 finger):	Beryllium copper (C17200)
Mating pins:	Φ0.40 to 0.56 mm
Forces(SIP Socket):	(polished steel gauge Φ0.43 mm)
-- Insertion	2 N typ.
-- Withdrawal	1 N typ.
Mechanical life:	min 500 cycles
Rated current:	3A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000 V RMS



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦
1X7 XX X X 3 X XX

① Series No. :

147=SIP Socket

Pitch:1.778mm

137=PIN Connectors

Pitch:1.778mm

② Number of Contacts:

Single row =01 to 40

Double row=02 to 80

③ Dip Spacing:

0=Single row

1=Double row

④ Tail & Mounting Style:

S=Straight DIP Type

M=Straight S.M.T Type

R =Right Angle Type

⑤ Insulator Height

3=3.00mm

⑦ Pin Type

See Page 15-16

⑥ Plated(Sleeve / Contact):

0 = Tin 200u" / Tin 200u"

1 = Tin 200u" / Gold Flash

2 = Tin 200u" / Gold 5u"

3 = Tin 200u" / Gold 15u"

4 = Tin 200u" / Gold 30u"

5 = Gold Flash / Gold Flash

6 = Gold 3u" / Gold 3u"

7 = Gold 5u" / Gold 5u"

8 = Gold 10u" / Gold 10u"

Due to technical progress, all the information provided is subject to change without prior notice.

SIP Socket

Solder Type / Strip Right Angle / SMD
Single row / Double row

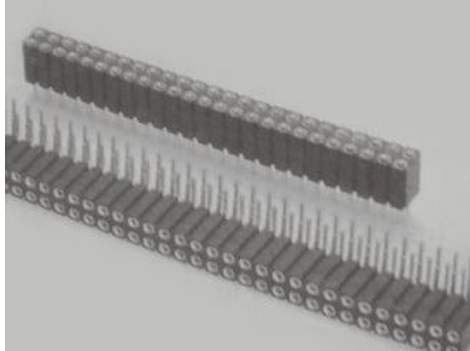
Pitch:1.27mm

Series

143***S4...
143***M4...
143***R4...

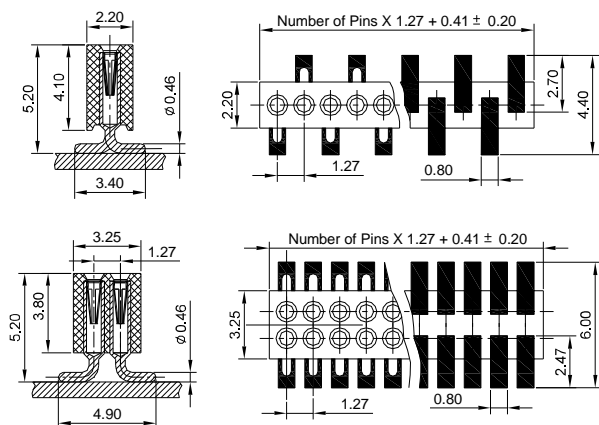
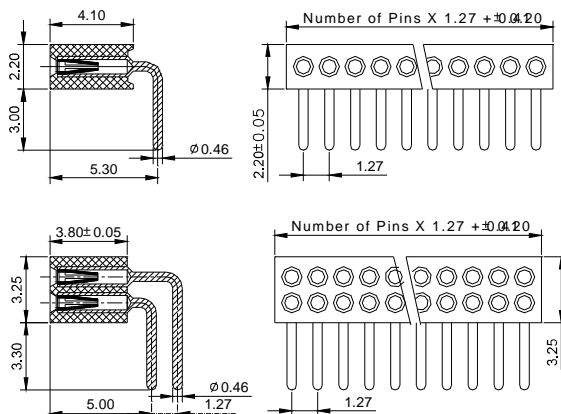
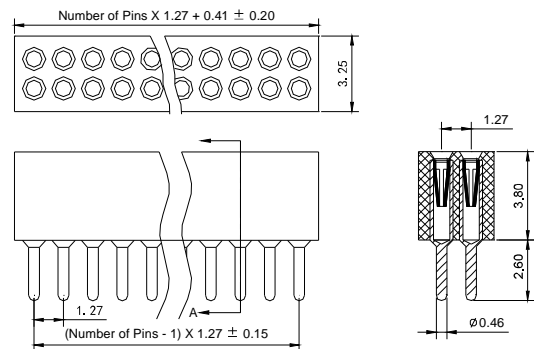
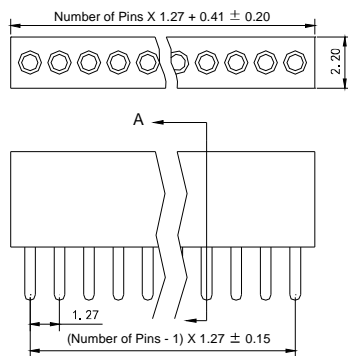
Leyconn

TEL:+86(755)2624 6910
TEL:+86(755)2624 6912
Http://www.leyconn.com



Technical Specs:

Insulator: Black glass filled polyester PA46-GF30-FR
Flammability: UL 94V-0
Sleeve: Brass CuZn36Pb3 (C36000)
Contact clip (6 finger): Beryllium copper (C17200)
Mating pins: $\Phi 0.38$ to 0.50 mm
Forces: (polished steel gauge $\Phi 0.41$ mm)
-- Insertion: 0.5 N typ.
-- Withdrawal: 0.2 N typ.
Mechanical life: min 500 cycles
Rated current: 1 A
Contact resistance: max 20 m Ω
Dielectric strength: min 500 V_{RMS}
Coplanarity SMD: max 0.1 mm (measured on
terminations: 25 mm long connectors)



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦
143 XX X X 4 X XX

① Series No. :

143=SIP Socket
Pitch:1.27mm

② Number of Contacts:
Single row =01 to 40
Double row=02 to 80

③ Dip Spacing:
0=Single row
1=Double row

④ Tail & Mounting Style:
S= Straight DIP Type
M= Straight S.M.T Type
R= Right Angle Type

⑤ Insulator Height
4=3.80mm
4=4.10mm

⑦ Pin Type
See Page 15~16

⑥ Plated (Sleeve / Contact):
0 = Tin 200u" / Tin 200u"
1 = Tin 200u" / Gold Flash
2 = Tin 200u" / Gold 5u"
3 = Tin 200u" / Gold 15u"
4 = Tin 200u" / Gold 30u"
5 = Gold Flash / Gold Flash
6 = Gold 3u" / Gold 3u"
7 = Gold 5u" / Gold 5u"
8 = Gold 10u" / Gold 10u"

Due to technical progress, all the information provided is subject to change without prior notice.

PIN Connectors

Solder Type / Strip Right Angle / SMD
Single row / Double row

Pitch:1.27mm

Series

133***S4...

133***M4...

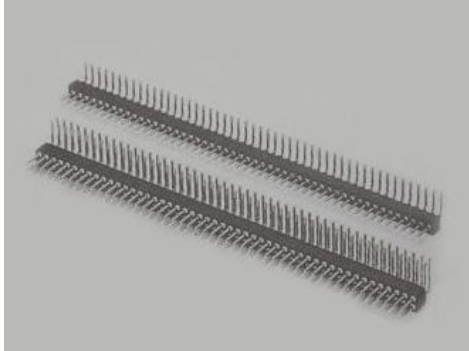
133***R4...

Leyconn

TEL:+86(755)2624 6910

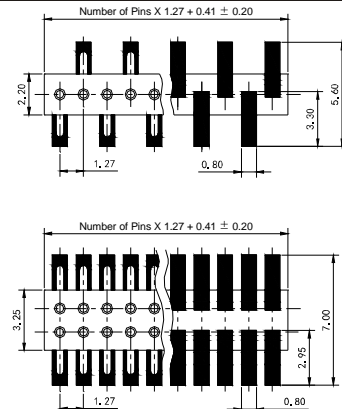
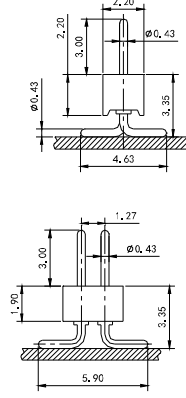
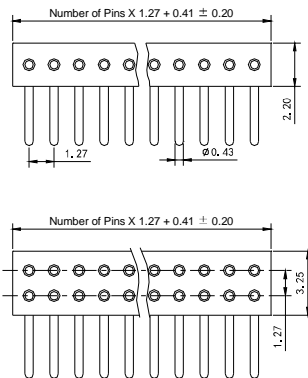
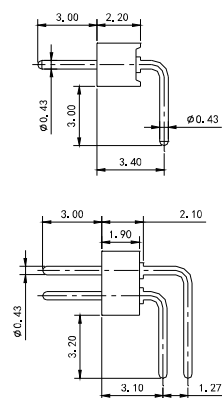
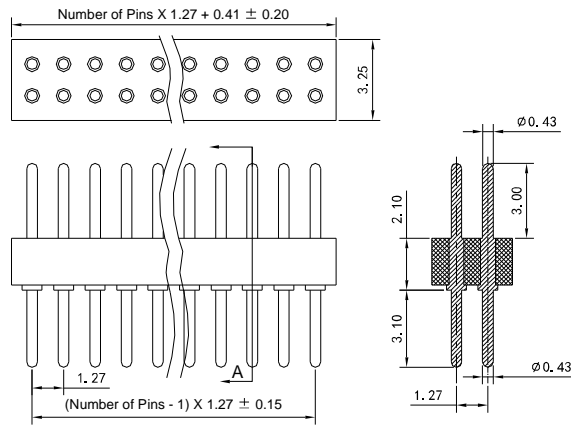
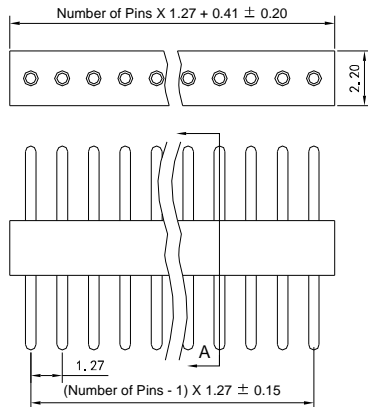
TEL:+86(755)2624 6912

Http://www.leyconn.com



Technical Specs:

Insulator:	Black glass filled polyester PA46-GF30-FR
Flammability:	UL 94V-0
Contact:	Brass CuZn36Pb3 (C36000)
Contact pin:	• 0.41mm
Mechanical life:	min 500 cycles
Rated current:	1A
Dielectric strength:	min 1000 V RMS
Coplanarity SMD terminations:	max 0.1 mm (measured on 25 mm long connectors)



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦
133 XX X X 4 X XX

① Series No. :
133=PIN Connectors
Pitch:1.27mm

② Number of Contacts:
Single row =01 to 40
Double row=02 to 80

③ Dip Spacing:
0=Single row
1=Double row

④ Tail & Mounting Style:
S=Straight DIP Type
M=Straight S.M.T Type
R=Right Angle Type

⑤ Insulator Height
2=2.20mm
2=1.90mm

⑦ Pin Type
See Page 15-16

⑥ PIN Plated:
0 = Tin 200u" / Tin 200u"
5 = Gold Flash / Gold Flash
6 = Gold 3u" / Gold 3u"
7 = Gold 5u" / Gold 5u"
8 = Gold 10u" / Gold 10u"

Due to technical progress, all the information provided is subject to change without prior notice.

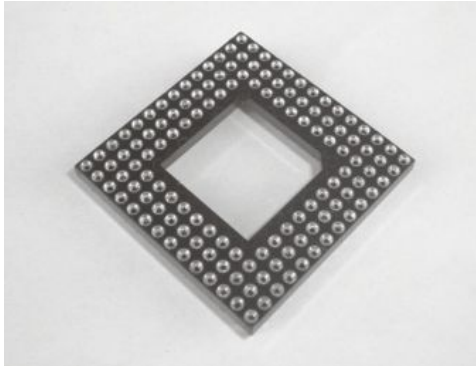
Pin grid array Socket & Adapter

Pitch:2.54mm
Solder Type

Series
151...
152...

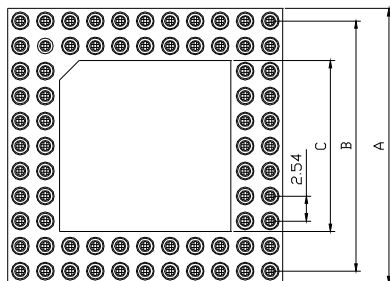
Leyconn

TEL:+86(755)2624 6910
TEL:+86(755)2624 6912
Http://www.leyconn.com



Technical Specs:

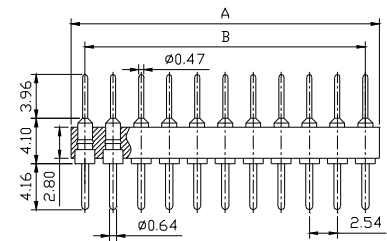
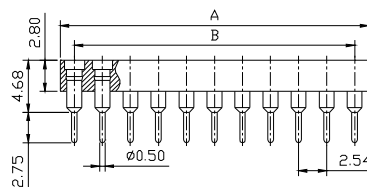
Insulator:	Black glass filled polyester PBT-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn36Pb3 (C36000)
Contact clip (4 finger):	Beryllium copper (C17200)
Accepted pin:	Φ 0.40 to 0.56mm
Forces:	(polished steel gauge Φ0.46 mm)
-- Insertion	0.7N typ.
-- Withdrawal	0.4N typ.
Mechanical life:	min 100 cycles
Rated current:	1 A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000 V RMS



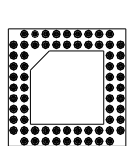
Calculate with n1 = number of contacts in one line and
n2 = characteristic size of the window

$$A = n1 \times 2.54 \quad B = (n1 - 1) \times 2.54$$

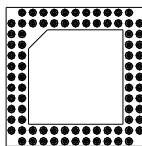
$$C = (n2 \times 2.54) - 0.40$$



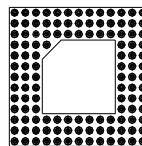
PGA Footprint



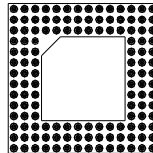
PGA basic body 11X11
Number of contacts: 68



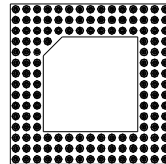
PGA basic body 13X13
Number of contacts: 84



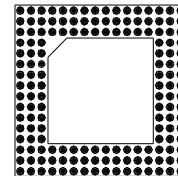
PGA basic body 13X13
Number of contacts: 121



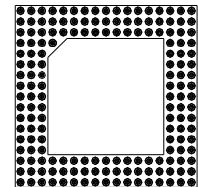
PGA basic body 14X14
Number of contacts: 132



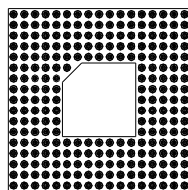
PGA basic body 15X15
Number of contacts: 145



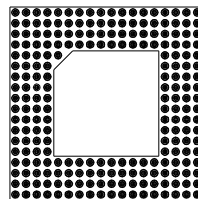
PGA basic body 16X16
Number of contacts: 156



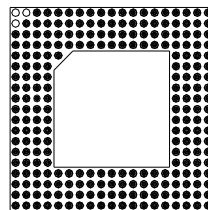
PGA basic body 17X17
Number of contacts: 169



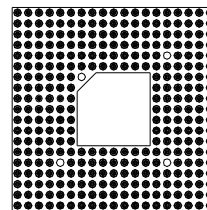
PGA basic body 17X17
Number of contacts: 241



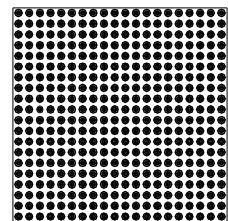
PGA basic body 18X18
Number of contacts: 225



PGA basic body 19X19
Number of contacts: 238



PGA basic body 19X19
Number of contacts: 306



PGA basic body 20X20
Number of contacts: 400

Ordering Code

① ② ③ ④ ⑤ ⑥
15X XXX X X XX X

① Series No. :
152=Pitch 2.54mm PGASocket
151=Pitch 2.54mm PGASocket Adapter

② Number of Contacts:
068=68 Pin
306=306 Pin
.....

③ PGA basicbody sizel:
..... 7=7X7
8=8X8 9=9X9
0=10X10 A=11X11
B=12X12 C=13X13
D=14X14 E=15X15
.....

④ Insulator Material:
1 = FR-4
2 = PPS

⑦ Pin Type
See Page 15~16

⑥ Plated(Sleeve / Contact):
0 = Tin 200u" / Tin 200u"
1 = Tin 200u" / Gold Flash
2 = Tin 200u" / Gold 5u"
3 = Tin 200u" / Gold 15u"
4 = Tin 200u" / Gold 30u"
5 = GoldFlash / Gold Flash
6 = Gold3u" / Gold 3u"
7 = Gold5u" / Gold 5u"
8 = Gold10u" / Gold 10u"

Due to technical progress, all the information provided is subject to change without prior notice.

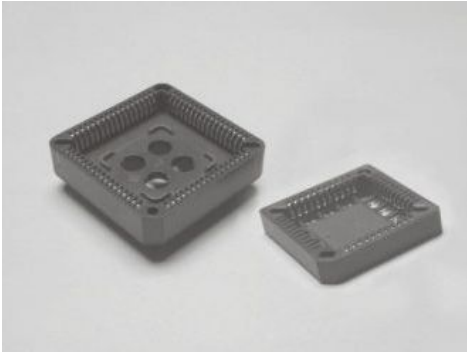
PLCC Socket

Sockets for Plastic Leaded Chip Carriers
SMT Terminations / Solder Type

Series
129

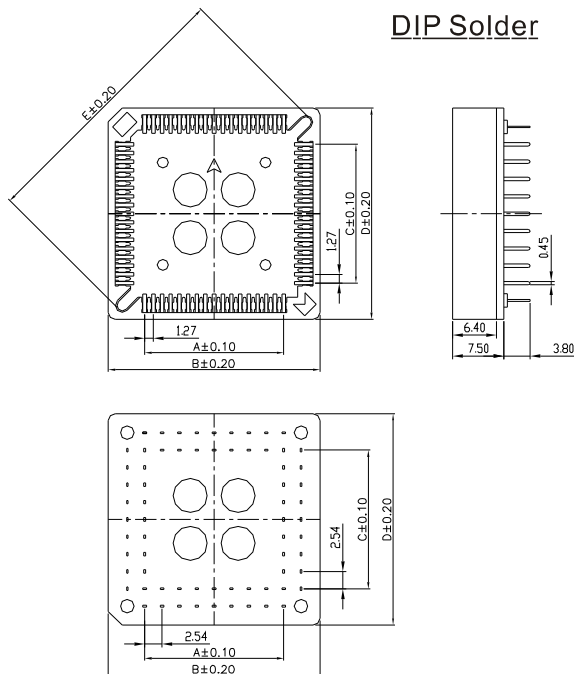
Leyconn

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TEL:+86(755)2624 6912
Http://www.leyconn.com

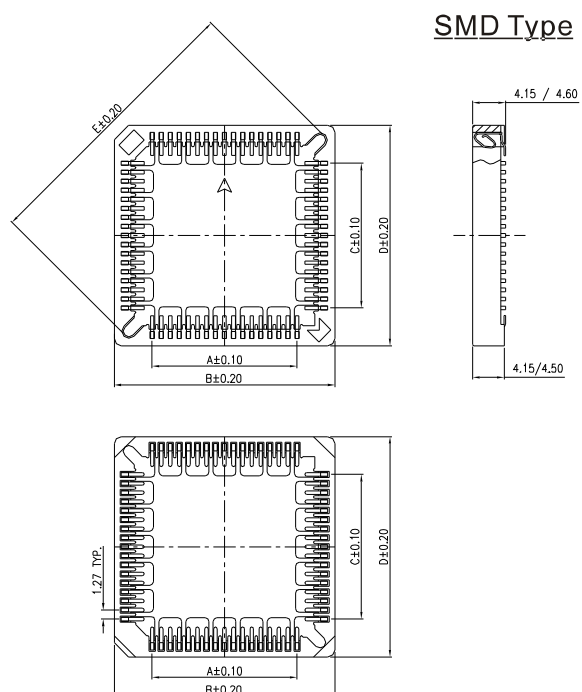


Technical Specs:

Insulator:	Black glass filled polyester PPS-GF30-FR
Flammability:	UL 94V-0
Contact:	Phosphor bronze
Contact pressure:	min 1.5 N per contact
Mechanical life:	min 50 cycles
Rated current:	1 A
Contact resistance:	max 20 mΩ
Dielectric strength:	min 600 V RMS
Insulation resistance:	min 5000 MΩ
Capacitance:	max 2 pF
Coplanarity SMD terminations:	max 0.1 mm



No. of Contacts	DIM A	DIM B	DIM C	DIM D	DIM E
20	5.08	15.50	5.08	15.50	17.20
28	7.62	18.04	7.62	18.04	20.70
32	7.62	18.04	10.16	20.60	22.65
44	12.70	23.48	12.70	23.48	27.50
52	15.24	25.88	15.24	25.88	31.50
68	20.32	31.04	20.32	31.04	39.00
84	25.40	36.04	25.40	36.04	46.15



No. of Contacts	DIM A	DIM B	DIM C	DIM D	DIM E
20	5.08	15.65	5.08	15.65	16.80
28	7.62	18.18	7.62	18.18	20.40
32	7.62	18.18	10.16	20.75	23.00
44	12.70	23.28	12.70	23.28	28.30
52	15.24	25.84	15.24	25.84	31.20
68	20.32	30.95	20.32	30.95	39.10
84	25.40	36.00	25.40	36.00	46.00

Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧
129 XX X 0 X X 0 0

① Series No. :

129=PLCC Chip Carrier Socket

② Number of Contacts:
20,28,32,44,52,
68,84

③ Tail & Mounting Style:
S = Straight DIP Type
M = Straight S.M.T Type

④ Body Color:
1=Brown

⑤ Packing method:
0 = Tube
1 = Tape Reel

⑥ Height over PC Board
0=3.80mm
1=4.15mm
2=4.60mm

⑦ ⑧ Customer Request

Due to technical progress, all the information provided is subject to change without prior notice.

SCREW MACHINE PINS

----Printed Circuit Pins

Series
PIN-XX

Leyconn

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TEL:+86(755)2624 6912
Http://www.leyconn.com

Series PIN - 21 Length 7.25 mm	Series PIN - 14 Length 7.65 mm	Series PIN - 08 Length 10.00 mm	Series PIN - 07 Length 11.46 mm	Series PIN - 06 Length 11.70 mm
Series PIN - 12 Length 11.95 mm	Series PIN - 05 Length 11.96 mm	Series PIN - 11 Length 12.07 mm	Series PIN - 04 Length 12.10 mm	
Series PIN - 03 Length 12.76 mm	Series PIN - 02 Length 13.60 mm	Series PIN - 13 Length 13.16 mm	Series PIN - P Code 5 Length 16.56	Series PIN - X Code 1 2 Length 27.7 29.0

Due to technical progress, all the information provided is subject to change without prior notice.

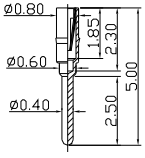
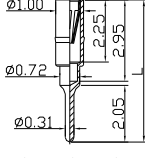
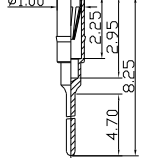
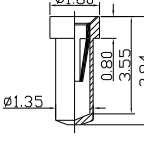
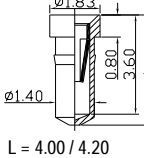
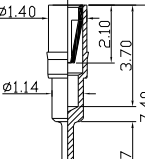
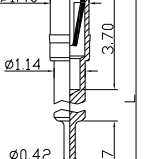
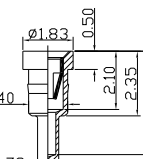
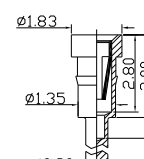
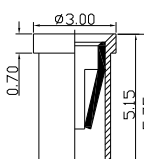
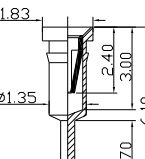
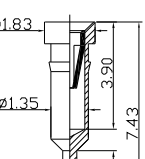
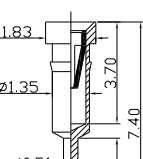
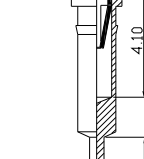
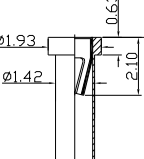
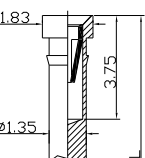
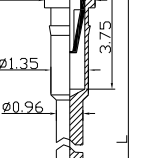
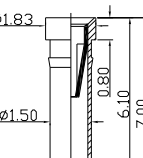
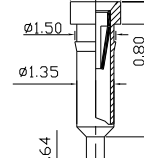
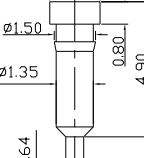
SCREW MACHINE PINS

----Pin Receptacles

Series PIN-XX

Leyconn

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TEL:+86(755)2624 6912
Http://www.leyconn.com

																			
L = 4.85 / 5.15 / 5.50 / 5.90																L = 4.00 / 4.20			
Series	PIN - B	Units	mm	Series	PIN - C	Units	mm	Series	PIN - C	Units	mm	Series	PIN - J	Units	mm	Series	PIN - J	Units	mm
Code	1			Code	1 2 3 4			Code	8			Code	3			Code	1 2		
Length	5.00			Length	4.85 5.15 5.50 5.90			Length	8.25			Length	3.94			Length	4.00 4.20		
																			
L = 9.20 / 11.70 / 14.00				L = 5.00 / 5.40 / 5.80 / 6.20															
Series	PIN - M	Units	mm	Series	PIN - M	Units	mm	Series	PIN - H	Units	mm	Series	PIN - H	Units	mm	Series	PIN - J	Units	mm
Code	1			Code	2 3 4			Code	1			Code	2 3 4 5			Code	4		
Length	7.40			Length	9.20 11.70 14.00			Length	4.80			Length	5.00 5.40 5.80 6.20			Length	5.75		
																			
L = 6.10				L = 7.43				L = 7.40				L = 8.85				L = 6.00			
Series	PIN - E	Units	mm	Series	PIN - E	Units	mm	Series	PIN - E	Units	mm	Series	PIN - E	Units	mm	Series	PIN - J	Units	mm
Code	1			Code	3			Code	4			Code	2			Code	5		
Length	6.10			Length	7.43			Length	7.40			Length	8.85			Length	6.00		
																			
L = 12.2 / 16.5 / 17.8 / 28.0				L = 13.3 / 15.0 / 19.8 / 25.8				L = 10.0				L = 17.80 / 14.3				L = 17.80 / 14.3			
Series	PIN - C	Units	mm	Series	PIN - D	Units	mm	Series	PIN - C	Units	mm	Series	PIN - P	Units	mm	Series	PIN - P	Units	mm
Code	5 6 7 8			Code	1 2 3 4			Code	1 2			Code	1 3			Code	2 4		
Length	12.2 16.5 17.8 28.0			Length	13.3 15.0 19.8 25.8			Length	10.0 10.3			Length	17.8 14.3			Length	17.8 14.3		

Due to technical progress, all the information provided is subject to change without prior notice.

Pin Header

Single Row / Dual Row

Straight DIP Type / Straight S.M.T Type

Pitch:1.00mm

Series

351...

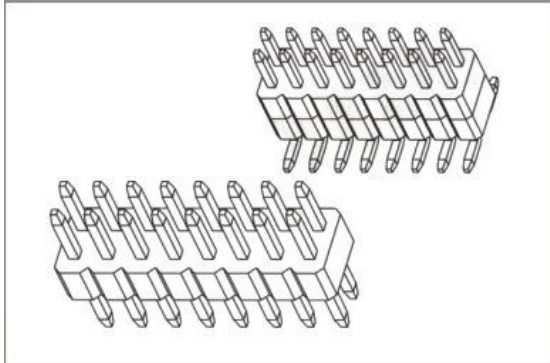
355...

Leyconn

TEL:+86(755)2624 6910

TEL:+86(755)2624 6912

Http://www.leyconn.com



SPECIFICATIONS:

Current Rating: 1.0 AMP

Contact Resistance: 30m Ω Max

Insulation Resistance: 500M Ω Min

Withstand Voltage: 500VAC/minute

Operation Temperature: -40°C to +105°C

Max Process Temp: 230°C for 30~60 secondary.

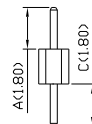
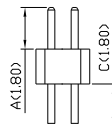
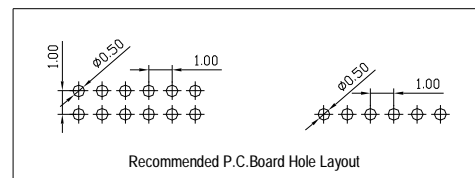
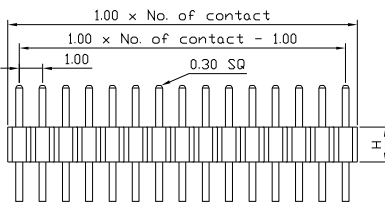
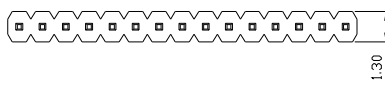
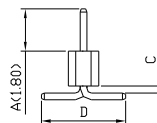
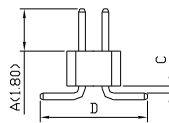
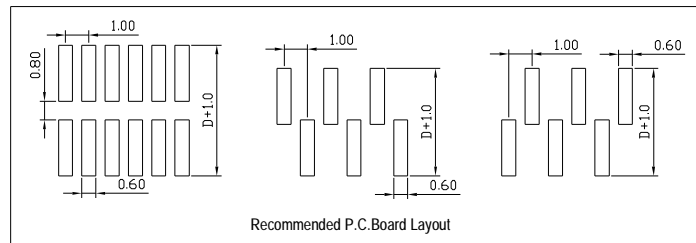
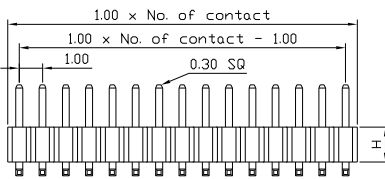
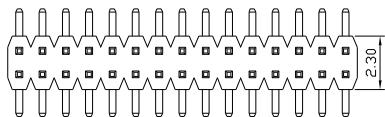
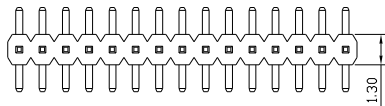
MATERIALS:

Contact Material: Brass

Contact Plating: Gold or Tin over 50 μ Ni

Insulator Material: Polyester(UL94V-0)

Standard: LCP



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
3 5 X X XX X X X 1 XXX

① Series No.:
3= Pin Header

② Pitch: 5= 1.00mm

③ Insulator Height:
1 = 1.00mm
5 = 1.50mm

④ Dip Spacing:
1=Single row
2=Double row

⑤ Number of Contacts:
Single row = 01 to 50
Double row = 02 to 98
x0=100pin

⑥ Tail & Mounting Style:
S= Straight DIP type
M= Straight SMT type

⑦ Contact Plated
0= Tin 1= Gold Flash
2= Gold 3u" 3= Gold 5u"
4= Gold 10u" 5= Gold 15u"
6= Gold 30u"

⑧ Material Type
0= PPS 3= Nylon-66
1= PBT 4= Nylon-6T
2= LCP 5= PA46

⑨ Tiers of Body
1 = Single tier
2 = Double tier
3 = Triple tier

⑩ Pin Length
XXX=A+H+C

Due to technical progress, all the information provided is subject to change without prior notice.

Pin Header

Board Spacer Single Row / Dual Row
Straight DIP Type

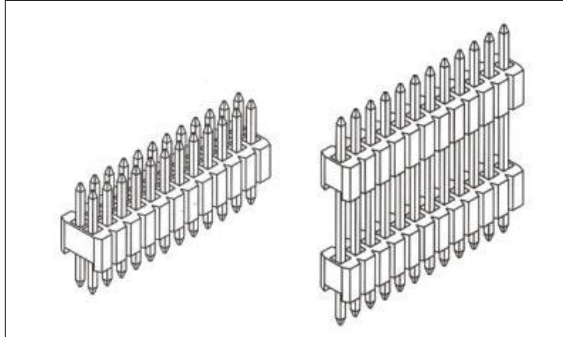
Pitch: 1.27mm

Series

331 ~ 333
335 ~ 339

Leyconn

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TEL: +86(755)2624 6912
Http://www.leyconn.com

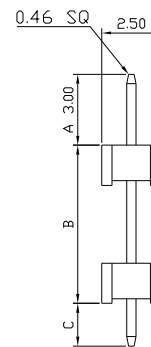
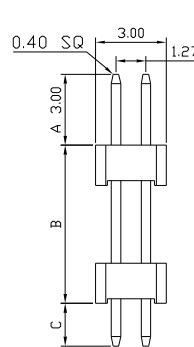
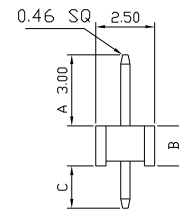
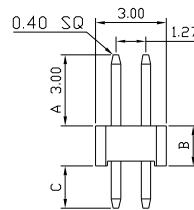
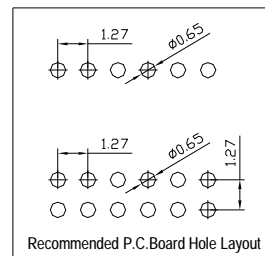
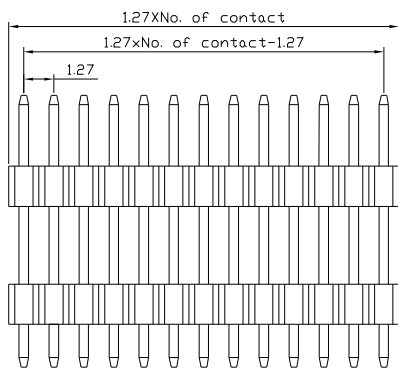
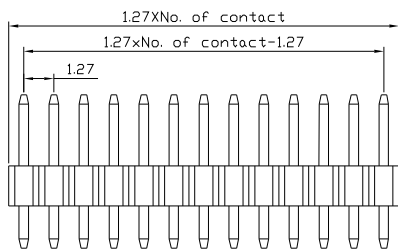
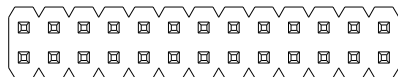
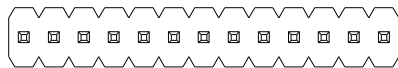


SPECIFICATIONS:

Current Rating: 1.0 AMP
Contact Resistance: 30m \bullet Max
Insulation Resistance: 1000M \bullet Min
Withstand Voltage: 300VAC/minute
Operation Temperature: -40 $^{\circ}$ C to +105 $^{\circ}$ C

MATERIALS:

Contact Material: Brass
Contact Plating: Gold or Tin over 50 μ Ni
Insulator Material: Polyester(UL94V-0)
Standard: PA 46



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
3 3 X X XX S X 5 X XXX

① Series No.:
3= Pin Header

② Pitch: 3= 1.27mm

③ Insulator Height:
1 = 1.00mm 2 = 2.00mm
3 = 2.50mm 5 = 1.50mm
6 = 1.60mm 7 = 1.70mm
8 = 0.80mm 9 = 0.65mm

④ Dip Spacing:
1=Single row
2=Double row

⑤ Number of Contacts:
Single row = 01 to 50
Double row = 02 to 98
x0=100Pin

⑥ Tail & Mounting Style:
S= Straight DIP type

⑦ Contact Plated
0= Tin
1= Gold Flash
2= Gold 3u"
3= Gold 5u"
4= Gold 10u"
5= Gold 15u"
6= Gold 30u"

⑩ Pin Length
XXX=A+B+C

⑧ Material Type
2=LCP
3=Nylon-66
4=Nylon-6T
5=PA46

⑨ Tiers of Body
1 = Singletier
2 = Doubletier
3 = Triple tier

Due to technical progress, all the information provided is subject to change without prior notice.

Pin Header

Single Row / Dual Row
Right Angle DIP Type

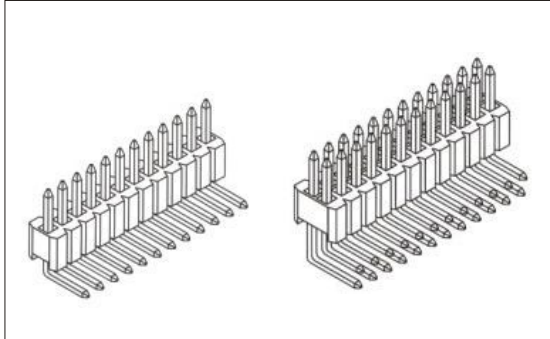
Pitch: 1.27mm

Series

331 ~ 333
335 ~ 339

Leyconn

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TEL:+86(755)2624 6912
Http://www.leyconn.com

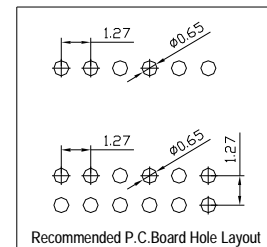
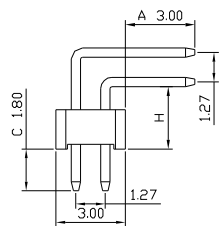
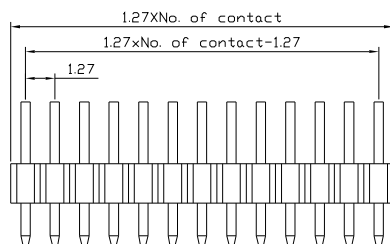
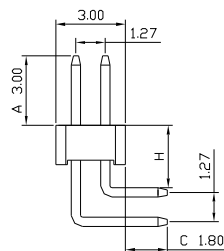
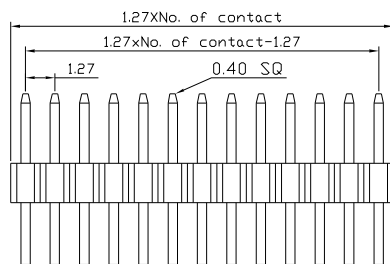
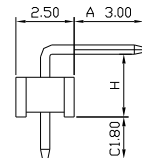
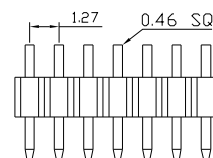
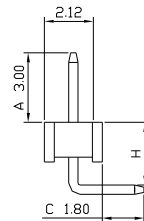
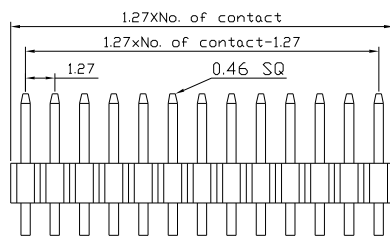


SPECIFICATIONS:

Current Rating: 1.0 AMP
Contact Resistance: 30m \bullet Max
Insulation Resistance: 1000M \bullet Min
Withstand Voltage: 300VAC/minute
Operation Temperature: -40 $^{\circ}$ C to +105 $^{\circ}$ C

MATERIALS:

Contact Material: Brass
Contact Plating: Gold or Tin over 50 μ " Ni
Insulator Material: Polyester(UL94V-0)
Standard: PA 46



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
3 3 X X XX R X 5 1 XXX

① Series No.:
3= Pin Header

② Pitch: 3= 1.27mm

③ Insulator Height:
1 = 1.00mm 2 = 2.00mm
3 = 2.50mm 5 = 1.50mm
6 = 1.60mm 7 = 1.70mm
8 = 0.80mm 9 = 0.65mm

④ Dip Spacing:
1= Single row
2= Double row

⑤ Number of Contacts:
Single row = 01 to 50
Double row = 02 to 98
x0=100Pin

⑥ Tail & Mounting Style:
R=Right Angle DIP Type

⑦ Contact Plated
0= Tin
1= Gold Flash
2= Gold 3u"
3= Gold 5u"
4= Gold 10u"
5= Gold 15u"
6= Gold 30u"

⑩ Pin Length
XXX=A+H+C

⑧ Material Type
2= LCP
3= Nylon-66
4= Nylon-6T
5= PA46

⑨ Tiers of Body
1 = Single tier
2 = Double tier
3 = Triple tier

Due to technical progress, all the information provided is subject to change without prior notice.

Pin Header

Board Spacer Single Row / Dual Row
Straight S.M.T Type

Pitch: 1.27mm

Series

331 ~ 333

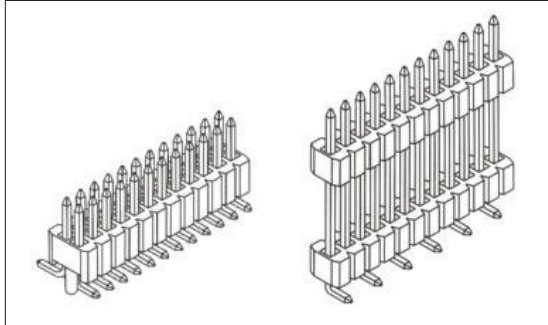
335 ~ 339

Leyconn

TEL:+86(755)2624 6910

TEL:+86(755)2624 6912

Http://www.leyconn.com



SPECIFICATIONS:

Current Rating: 1.0 AMP

Contact Resistance: 30m• Max

Insulation Resistance: 1000M• Min

Withstand Voltage: 300VAC/minute

Operation Temperature: -40℃ to +105℃

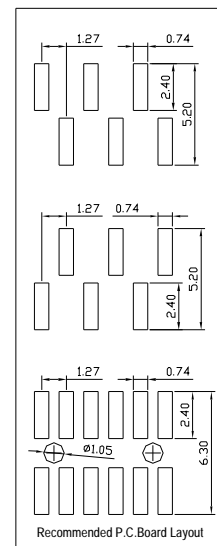
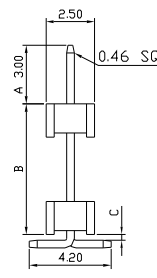
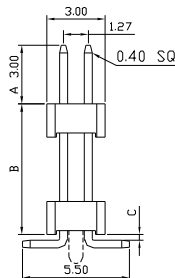
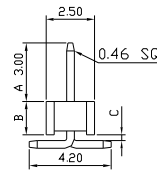
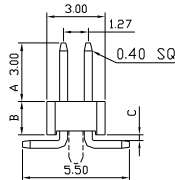
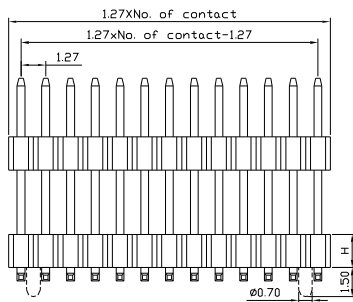
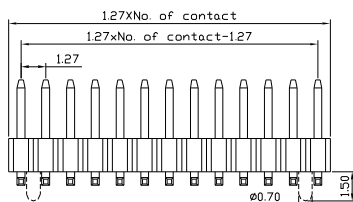
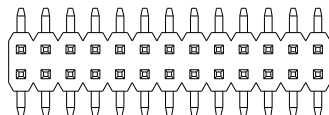
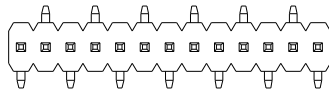
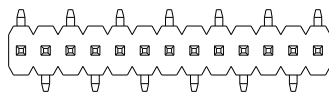
MATERIALS:

Contact Material: Brass

Contact Plating: Gold or Tin over 50 μ "Ni

Insulator Material: Polyester(UL94V-0)

Standard: PA 46



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
3 3 X X XX M X X X XXX

① Series No.:
3= Pin Header

③ Insulator Height:
1 = 1.00mm 2 = 2.00mm
3 = 2.50mm 5 = 1.50mm
6 = 1.60mm 7 = 1.70mm
8 = 0.80mm 9 = 0.65mm

② Pitch: 3= 1.27mm

④ Dip Spacing:
1=Single row
2=Double row

⑤ Number of Contacts:
Single row = 01 to 50
Double row = 02 to 98
x0=100Pin

⑥ Tail & Mounting Style:
M=Straight SMT type

⑦ Contact Plated
0= Tin
1= Gold Flash
2= Gold 3u"
3= Gold 5u"
4= Gold 10u"
5= Gold 15u"
6= Gold 30u"

⑩ Pin Length
XXX=A+B+C

⑧ Material Type
2=LCP
3=Nylon-66
4=Nylon-6T
5=PA46

⑨ Tiers of Body
1 = Single tier
2 = Double tier
3 = Triple tier

Due to technical progress, all the information provided is subject to change without prior notice.

Pin Header

Board Spacer Single Row / Dual Row
Straight DIP Type

Pitch: 2.00mm

Series

322***S...

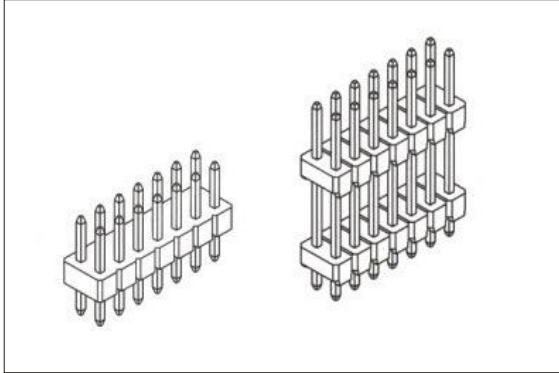
325***S...

Leyconn

TEL: +86(755)2624 6910

TEL: +86(755)2624 6912

Http://www.leyconn.com



SPECIFICATIONS:

Current Rating: 2.0 AMP

Contact Resistance: 30m• Max

Insulation Resistance: 1000M• Min

Withstand Voltage: 500VAC/minute

Operation Temperature: -40°C to +105°C

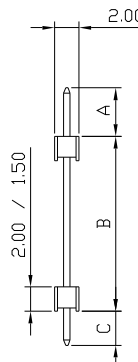
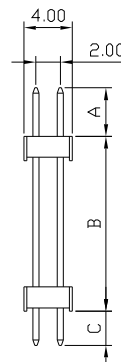
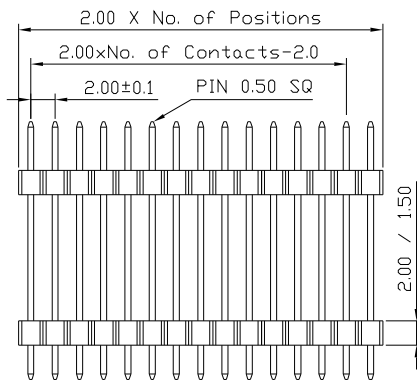
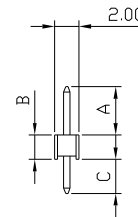
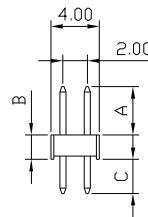
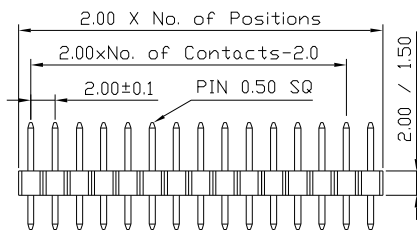
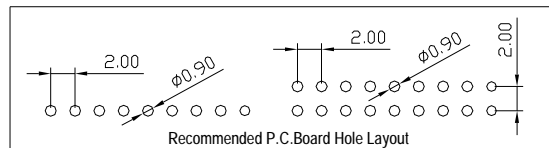
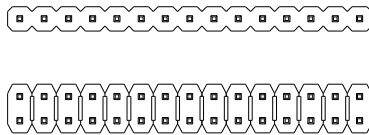
MATERIALS:

Contact Material: Brass

Contact Plating: Gold or Tin over 50 μ" Ni

Insulator Material: Polyester(UL94V-0)

Standard: PA46



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
3 2 X X XX S X X XXX

① Series No.:
3 = Pin Header

② Pitch: 2 = 2.00mm

③ Insulator Height:
2 = 2.00mm
5 = 1.50mm

④ Dip Spacing:
1 = Single row
2 = Double row

⑤ Number of Contacts:
Single row = 01 to 40
Double row = 02 to 80

⑥ Tail & Mounting Style:
S = Straight DIP type

⑦ Contact Plated
0 = Tin 1 = Gold Flash
2 = Gold 3u" 3 = Gold 5u"
4 = Gold 10u" 5 = Gold 15u"
6 = Gold 30u"

⑧ Material Type
0 = PPS 3 = Nylon-66
1 = PBT 4 = Nylon-6T
2 = LCP 5 = PA46

⑨ Tiers of Body
1 = Single tier
2 = Double tier
3 = Triple tier

⑩ Pin Length
XXX = A + B + C

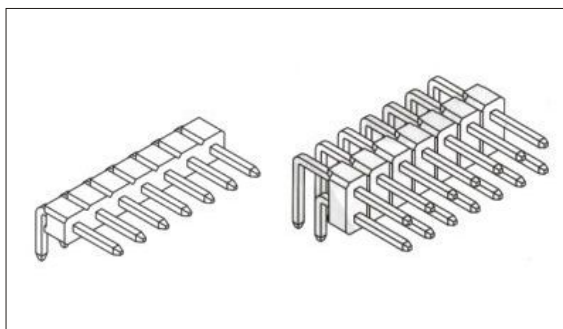
Due to technical progress, all the information provided is subject to change without prior notice.

Single Row / Dual Row
Right Angle DIP Type

Series

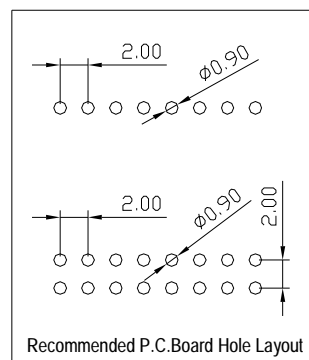
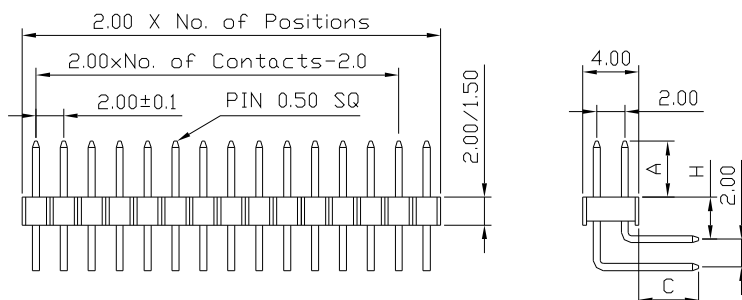
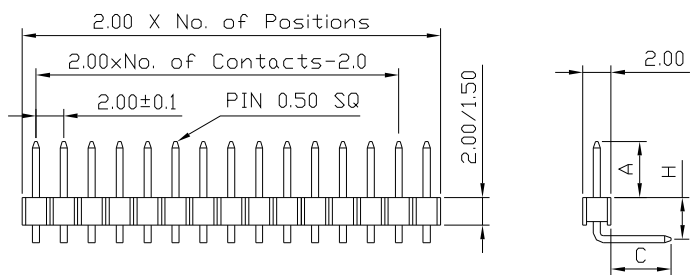
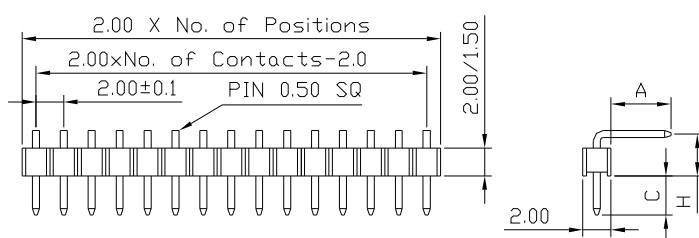
325***R...

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TEL:+86(755)2624 6912
Http://www.leyconn.com



Current Rating: 2.0 AMP
Contact Resistance: 30m• Max
Insulation Resistance: 1000M• Min
Withstand Voltage: 500VAC/minute
Operation Temperature: -40°C to +105°C

Contact Material: Brass
Contact Plating: Gold or Tin over 50 μ " Ni
Insulator Material: Polyester(UL94V-0)
Standard: PA46



① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
3 2 X X XX R X X 1 XXX

- ① Series No.:
3= Pin Header
- ② Pitch: 2= 2.00mm

- ③ Insulator Height:
2 = 2.00mm
5 = 1.50mm

- ④ Dip Spacing:
1=Single row
2=Double row
- ⑤ Number of Contacts:
Single row =01 to 40
Double row=02 to 80
- ⑥ Tail & Mounting Style:
R=Right Angle DIP Type

- ⑦ Contact Plated
0=Tin 1=Gold Flash
2=Gold 3u" 3=Gold 5u"
4=Gold 10u" 5=Gold 15u"
6= Gold 30u"
- ⑧ Material Type
0=PPS 3=Nylon-66
1=PBT 4=Nylon-6T
2=LCP 5=PA46

- ⑨ Tiers of Body
1 = Single tier
2 = Double tier
3 = Triple tier

- ⑩ Pin Length
XXX=A+H+C

Due to technical progress, all the information provided is subject to change without prior notice.

Pin Header

Board Spacer Single Row / Dual Row
Straight S.M.T Type

Pitch:2.00mm

Series

322***M...

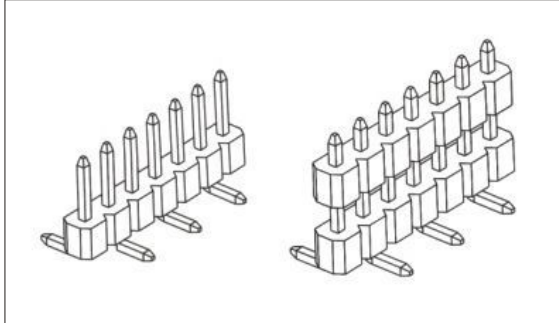
325***M...

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TEL:+86(755)2624 6910

TEL:+86(755)2624 6912

Http://www.leyconn.com



SPECIFICATIONS:

Current Rating: 2.0 AMP

Contact Resistance: 30m• Max

Insulation Resistance: 1000M• Min

Withstand Voltage: 500VAC/minute

Operation Temperature: -40°C to +105°C

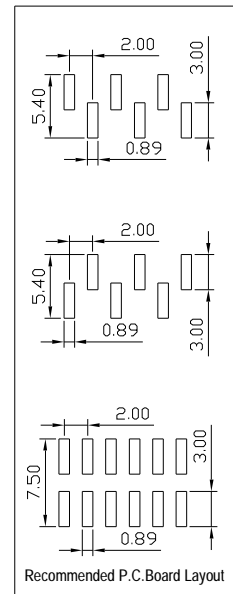
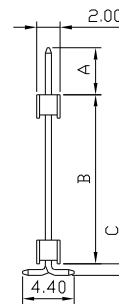
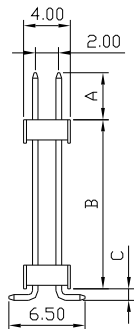
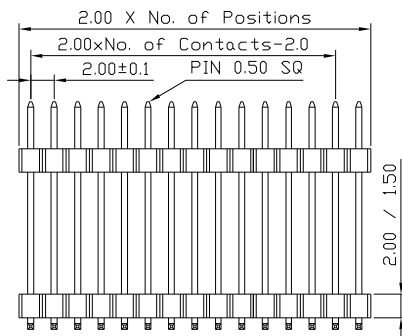
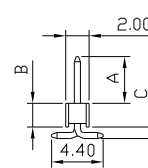
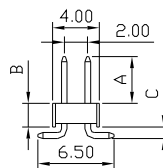
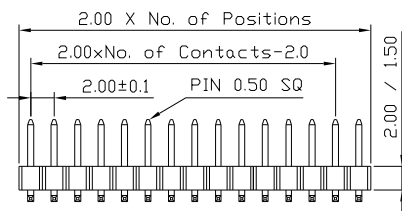
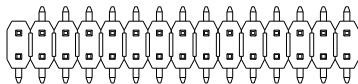
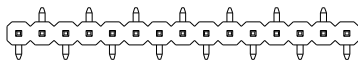
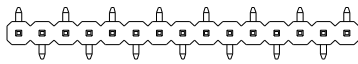
MATERIALS:

Contact Material: Brass

Contact Plating: Gold or Tin over 50 μ "Ni

Insulator Material: Polyester(UL94V-0)

Standard: PA 46



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
3 2 X X XX M X X X XXX

① Series No.:
3= Pin Header

② Pitch: 2= 2.00mm

③ Insulator Height:
2 = 2.00mm
5 = 1.50mm

④ Dip Spacing:
1=Single row
2=Double row

⑤ Number of Contacts:
Single row =01 to 40
Double row=02 to 80

⑥ Tail & Mounting Style:
M= Straight SMT type

⑦ Contact Plated
0= Tin 1= Gold Flash
2= Gold 3u" 3= Gold 5u"
4= Gold 10u" 5= Gold 15u"
6= Gold 30u"

⑧ Material Type
0= PPS 3= Nylon-66
1= PBT 4= Nylon-6T
2= LCP 5= PA46

⑨ Tiers of Body
1 = Single tier
2 = Double tier
3 = Triple tier

⑩ Pin Length
XXX=A+B+C

Due to technical progress, all the information provided is subject to change without prior notice.

Pin Header

Board Spacer Single Row / Dual Row
Straight DIP Type

Pitch: 2.54mm

Series

313***S...

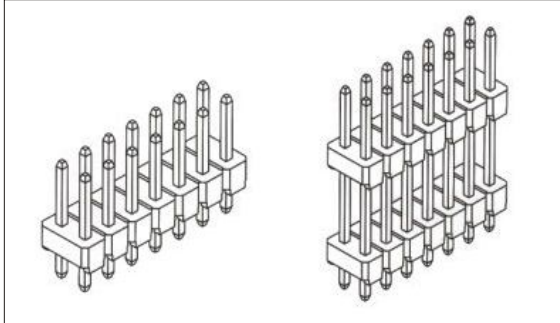
315***S...

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TEL:+86(755)2624 6912

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SPECIFICATIONS:

Current Rating: 3.0 AMP

Contact Resistance: 30m• Max

Insulation Resistance: 1000M• Min

Withstand Voltage: 600VAC/minute

Operation Temperature: -40°C to +105°C

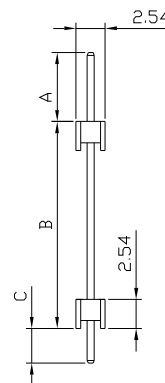
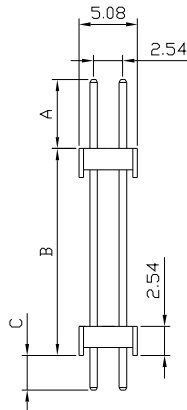
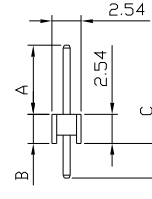
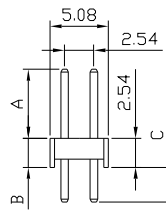
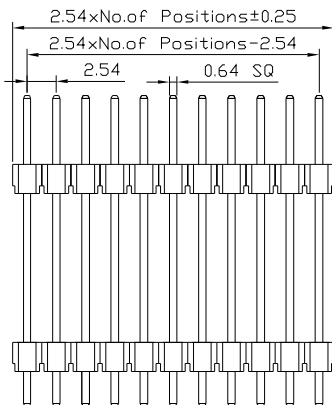
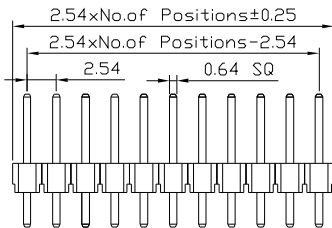
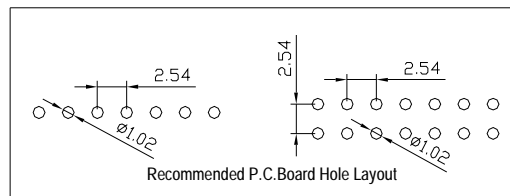
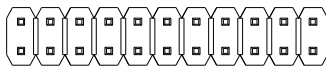
MATERIALS:

Contact Material: Brass

Contact Plating: Gold or Tin over 50 μ " Ni

Insulator Material: Polyester(UL94V-0)

Standard: PBT



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
3 1 X X XX S X X X XXX

① Series No.:
3= Pin Header

② Pitch: 1= 2.54mm

③ Insulator Height:
3 = 2.50mm
5 = 1.50mm

④ Dip Spacing:
1=Single row
2=Double row

⑤ Number of Contacts:
Single row = 01 to 40
Double row = 02 to 80

⑥ Tail & Mounting Style:
S= Straight DIP Type

⑦ Contact Plated
0= Tin 1= Gold Flash
2= Gold 3u" 3= Gold 5u"
4= Gold 10u" 5= Gold 15u"
6= Gold 30u"

⑧ Material Type
0= PPS 3= Nylon-66
1= PBT 4= Nylon-6T
2= LCP 5= PA46

⑨ Tiers of Body
1 = Single tier
2 = Double tier
3 = Triple tier

⑩ Pin Length
XXX= A+B+C

Due to technical progress, all the information provided is subject to change without prior notice.

Pin Header

Single Row / Dual Row
Right Angle DIP Type

Pitch: 2.54mm

Series

313***R...

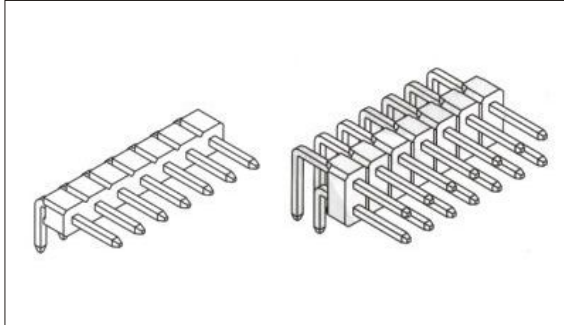
315***R...

Leyconn

TEL: +86(755)2624 6910

TEL: +86(755)2624 6912

Http://www.leyconn.com



SPECIFICATIONS:

Current Rating: 3.0 AMP

Contact Resistance: 30mΩ Max

Insulation Resistance: 1000MΩ Min

Withstand Voltage: 600VAC/minute

Operation Temperature: -40°C to +105°C

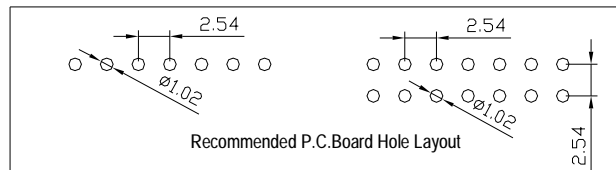
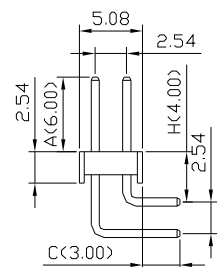
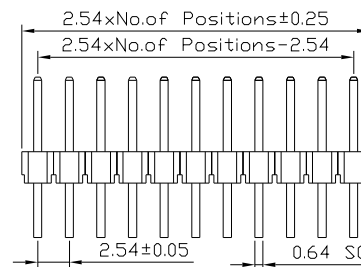
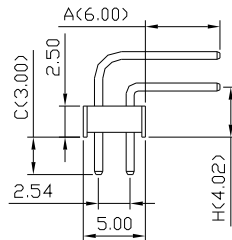
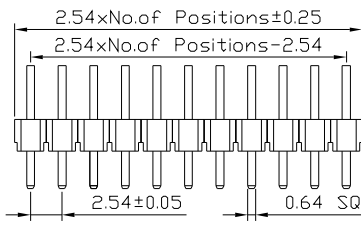
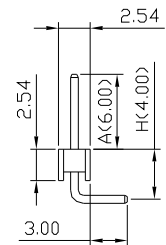
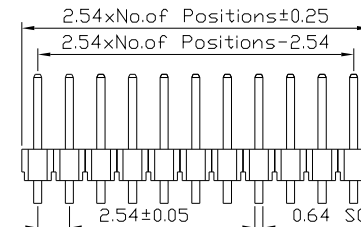
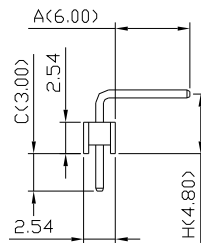
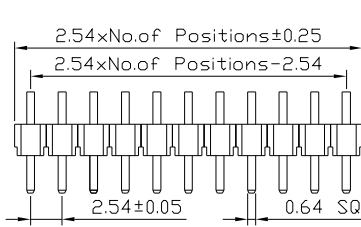
MATERIALS:

Contact Material: Brass

Contact Plating: Gold or Tin over 50 μ" Ni

Insulator Material: Polyester(UL94V-0)

Standard: PBT



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
3 1 X X XX R X X 1 XXX

① Series No.:
3= Pin Header

② Pitch: 1= 2.54mm

③ Insulator Height:
3 = 2.50mm
5 = 1.50mm

④ Dip Spacing:
1=Single row
2=Double row

⑤ Number of Contacts:
Single row = 01 to 40
Double row = 02 to 80

⑥ Tail & Mounting Style:
R=Right Angle DIP Type

⑦ Contact Plated
0= Tin 1= Gold Flash
2= Gold 3u" 3= Gold 5u"
4= Gold 10u" 5= Gold 15u"
6= Gold 30u"

⑧ Material Type
0= PPS 3= Nylon-66
1= PBT 4= Nylon-6T
2= LCP 5= PA46

⑨ Tiers of Body
1 = Single tier
2 = Double tier
3 = Triple tier

⑩ Pin Length
XXX=A+H+C

Due to technical progress, all the information provided is subject to change without prior notice.

Pin Header

Single Row / Dual Row
Straight S.M.T Type

Pitch: 2.54mm

Series

313***M...

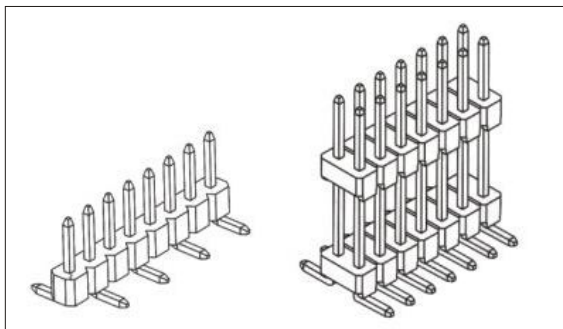
315***M...

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TEL:+86(755)2624 6912

Http://www.leyconn.com



SPECIFICATIONS:

Current Rating: 3.0 AMP

Contact Resistance: 30mΩ Max

Insulation Resistance: 1000MΩ Min

Withstand Voltage: 600VAC/minute

Operation Temperature: -40°C to +105°C

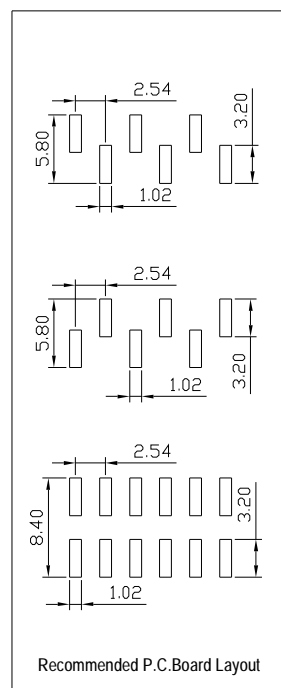
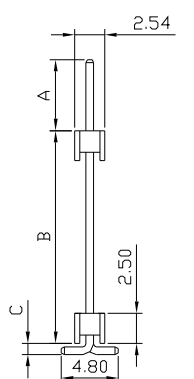
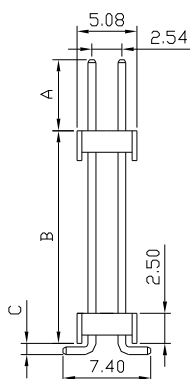
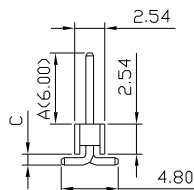
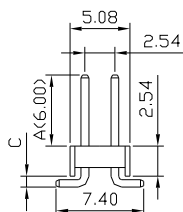
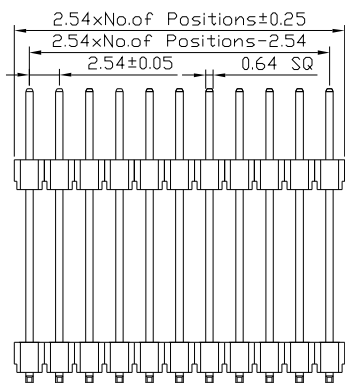
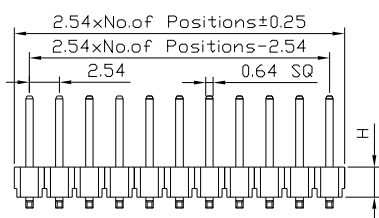
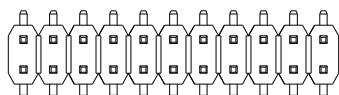
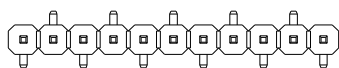
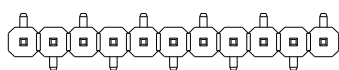
MATERIALS:

Contact Material: Brass

Contact Plating: Gold or Tin over 50μ" Ni

Insulator Material: Polyester(UL94V-0)

Standard: PBT



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
3 1 X X XX M X 5 X XXX

① Series No.:
3= Pin Header

② Pitch: 1= 2.54mm

③ Insulator Height:
3 = 2.50mm
5 = 1.50mm

④ Dip Spacing:
1=Single row
2=Double row

⑤ Number of Contacts:
Single row =01 to 40
Double row=02 to 80

⑥ Tail & Mounting Style:
M=Straight SMT type

⑦ Contact Plated
0=Tin 1=Gold Flash
2=Gold 3u" 3=Gold 5u"
4=Gold 10u" 5=Gold 15u"
6= Gold 30u"

⑧ Material Type
0=PPS 3=Nylon-66
1=PBT 4=Nylon-6T
2=LCP 5=PA46

⑨ Tiers of Body
1 = Single tier
2 = Double tier
3 = Triple tier

⑩ Pin Length
XXX=A+H+C

Due to technical progress, all the information provided is subject to change without prior notice.

Female Header

Dual Row

W/P S.M.T Type Base 2.00H

Pitch:1.00mm

Series

252*****1

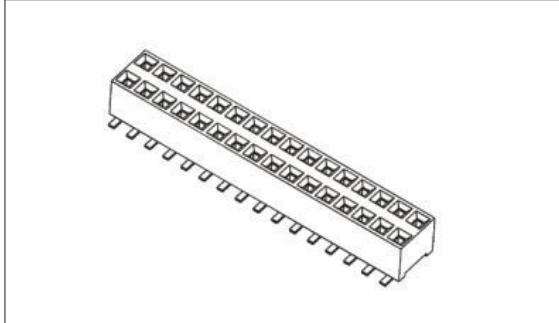
252*****2

Leyconn

TEL:+86(755)2624 6910

TEL:+86(755)2624 6912

Http://www.leyconn.com



SPECIFICATIONS:

Current Rating: 1.0 AMP

Contact Resistance: 30m• Max

Insulation Resistance: 500M• Min

Withstand Voltage: 200VAC/minute

Operation Temperature: -40℃ to +105℃

Max Process Temp: 230℃ for 30~60 secretary.

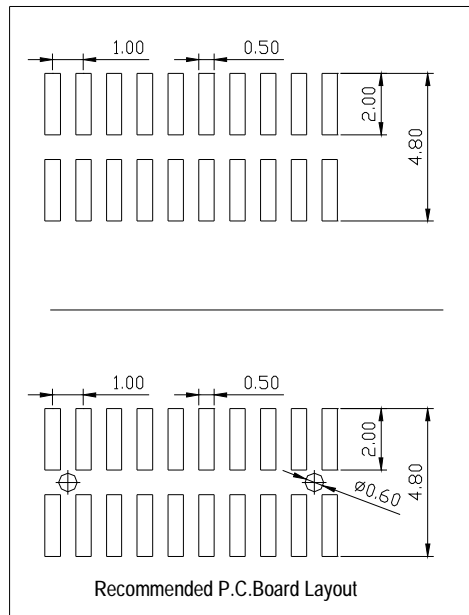
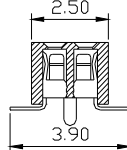
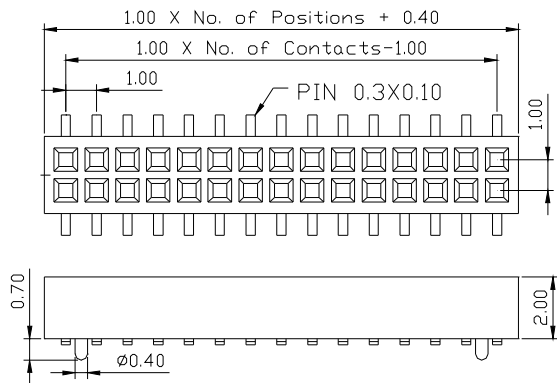
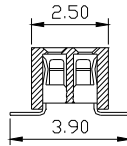
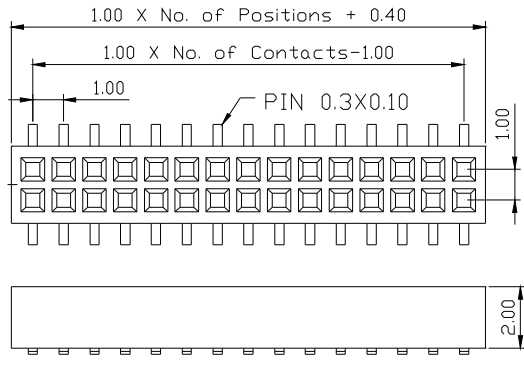
MATERIALS:

Contact Material: Phosphor Bronze

Contact Plating: Gold or Tin over 50 μ " Ni

Insulator Material: Polyester(UL94V-0)

Standard: LCP



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
2 5 2 2 XX M X X 1 0

① Series No.:
2= Female Header

② Pitch: 5= 1.00mm

③ Insulator Height:
2 = 2.0mm

④ Dip Spacing:
1=Single row
2=Double row

⑤ Number of Contacts:
Single row =01 to 50
Double row=02 to 98
x0=100 Pin

⑥ Tail & Mounting Style:
M=Straight SMT type

⑦ Contact Plated
0= Tin
1=Gold Flash
2=Gold 3u"
3=Gold 5u"
4=Gold 10u"
5=Gold 15u"
6= Gold 30u"

⑧ Material Type
0=PPS
1= PBT
2=LCP
3=Nylon-66
4=Nylon-6T
5=PA46

⑨ Color:1=Black

⑩ Customer Request

Due to technical progress, all the information provided is subject to change without prior notice.

Female Header

Single Row / Dual Row
Straight SMT Type

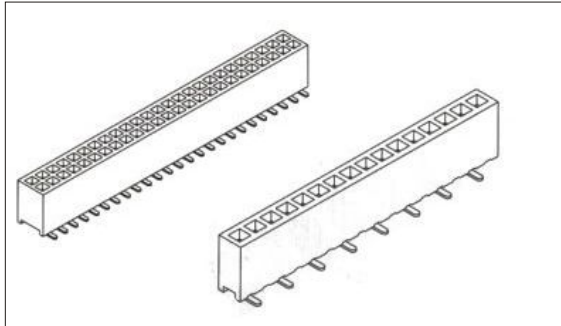
Pitch: 1.27mm

Series

232 / 233
234 / 235

Leyconn

TEL:+86(755)2624 6910
TEL:+86(755)2624 6912
Http://www.leyconn.com

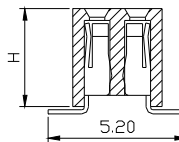
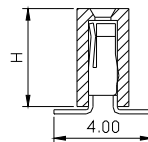
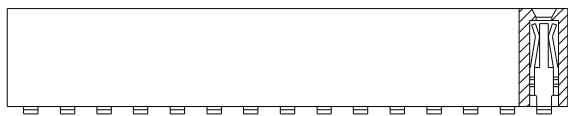
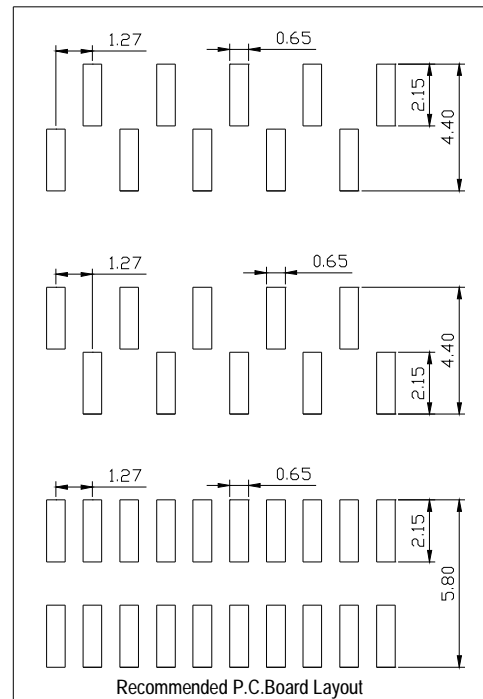
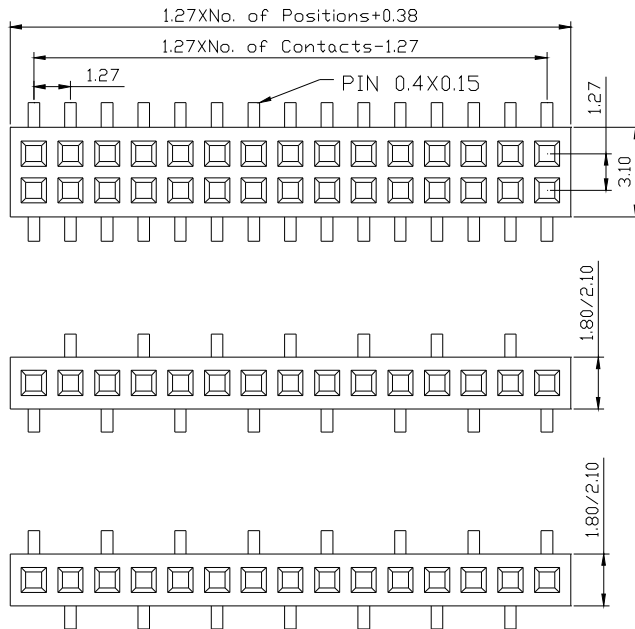


SPECIFICATIONS:

Current Rating: 1.0 AMP
Contact Resistance: 30m \bullet Max
Insulation Resistance: 1000M \bullet Min
Withstand Voltage: 300VAC/minute
Operation Temperature: -40 $^{\circ}$ C to +105 $^{\circ}$ C

MATERIALS:

Contact Material: Phosphor Bronze
Contact Plating: Gold or Tin over 50 μ Ni
Insulator Material: Polyester(UL94V-0)
Standard: PA 46



H = 2.0mm
H = 3.4mm
H = 4.3mm
H = 4.4mm

Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
2 3 X X XX M X X 1 0

① Series No.:
2= Female Header

② Pitch: 3= 1.27mm

③ Insulator Height:
2 = 2.0mm
3 = 3.4mm
4 = 4.3mm
5 = 4.6mm

④ Dip Spacing:
1=Single row
2=Double row

⑤ Number of Contacts:
Single row = 01 to 50
Double row = 02 to 98
x0=100 Pin

⑥ Tail & Mounting Style:
M= Straight SMT type

⑦ Contact Plated
0= Tin
1= Gold Flash
2= Gold 3u"
3= Gold 5u"
4= Gold 10u"
5= Gold 15u"
6= Gold 30u"

⑧ Material Type
0= PPS
1= PBT
2= LCP
3= Nylon-66
4= Nylon-6T
5= PA46

⑨ Color: 1= Black

⑩ Customer Request

Due to technical progress, all the information provided is subject to change without prior notice.

Female Header

Dual Row

W/P And Local Peg S.M.T Type

Pitch:1.27mm

Series

233***M...

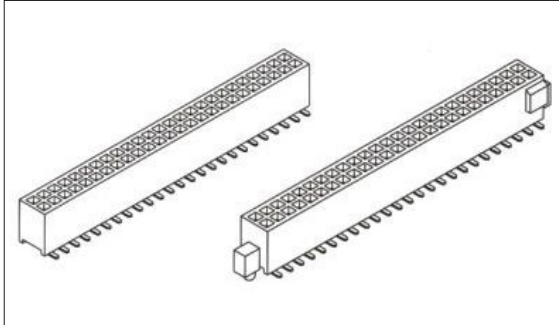
234***M...

Leyconn

TEL:+86(755)2624 6910

TEL:+86(755)2624 6912

Http://www.leyconn.com



SPECIFICATIONS:

Current Rating: 1.0 AMP

Contact Resistance: 30m• Max

Insulation Resistance: 1000M• Min

Withstand Voltage: 300VAC/minute

Operation Temperature: -40°C to +105°C

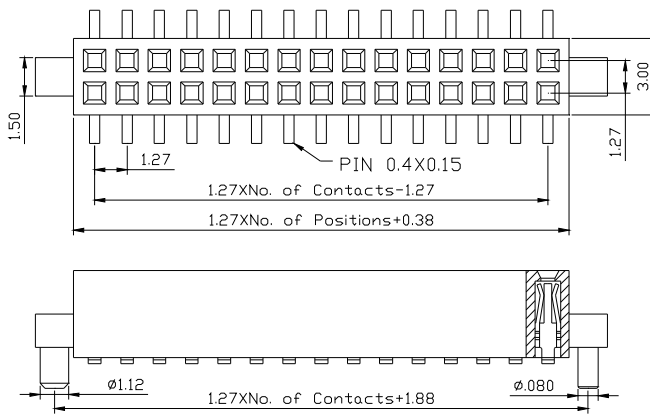
MATERIALS:

Contact Material: Phosphor Bronze

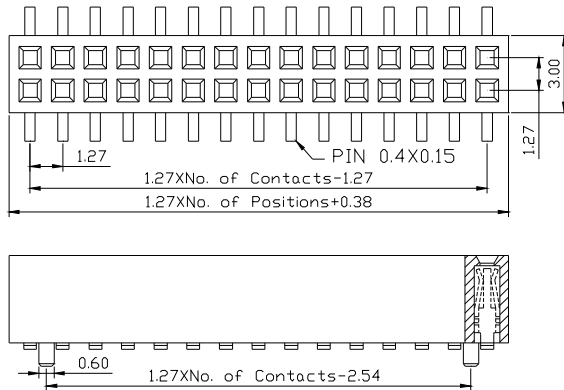
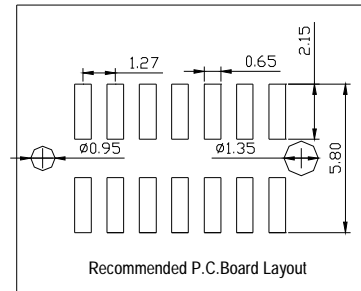
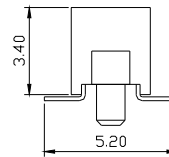
Contact Plating: Gold or Tin over 50 μ " Ni

Insulator Material: Polyester(UL94V-0)

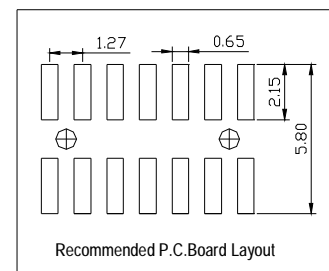
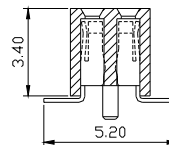
Standard: PA 46



H = 3.4mm
H = 4.3mm



H = 3.4mm
H = 4.3mm



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
2 3 X X XX M X X 1 1

① Series No.:
2= Female Header

② Pitch: 3= 1.27mm

③ Insulator Height:
3 = 3.4mm
4 = 4.3mm

④ Dip Spacing:
1=Single row
2=Double row

⑤ Number of Contacts:
Single row =01 to 50
Double row=02 to 98
x0=100 Pin

⑥ Tail & Mounting Style:
M=Straight SMT type

⑦ Contact Plated
0= Tin
1=Gold Flash
2=Gold 3u"
3=Gold 5u"
4=Gold 10u"
5=Gold 15u"
6= Gold 30u"

⑧ Material Type
0=PPS
1=PB
2=LCP
3=Nylon-66
4=Nylon-6T
5=PA46

⑨ Color:1=Black

⑩ Customer Request

Due to technical progress, all the information provided is subject to change without prior notice.

Female Header

Single Row / Dual Row
Straight DIP Type

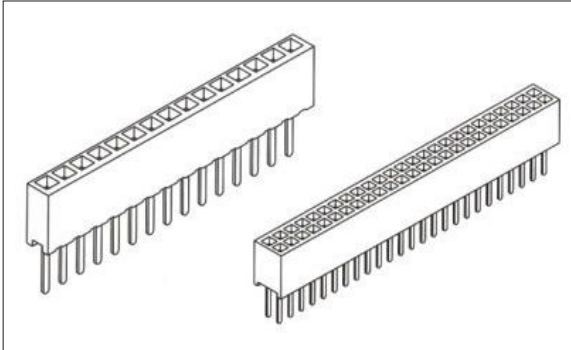
Pitch: 1.27mm

Series

232 / 233
234 / 235

Leyconn

TEL: +86(755)2624 6910
TEL: +86(755)2624 6912
Http://www.leyconn.com

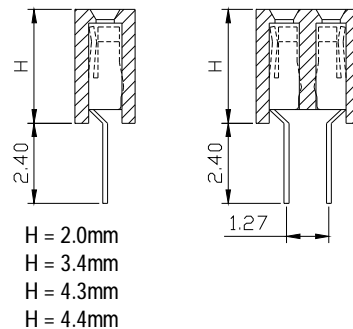
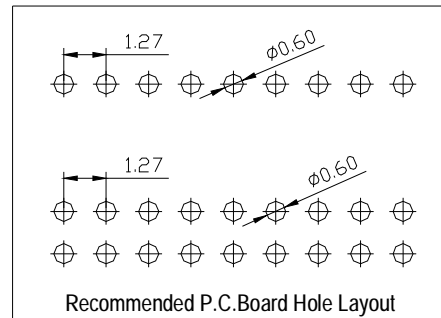
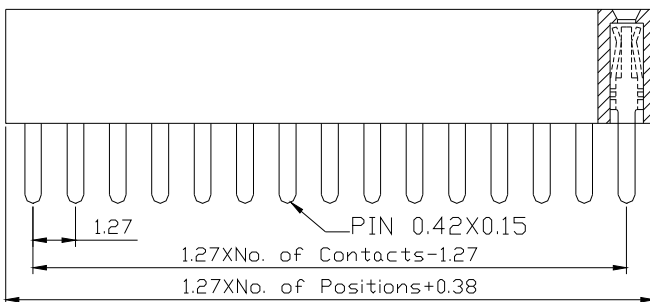
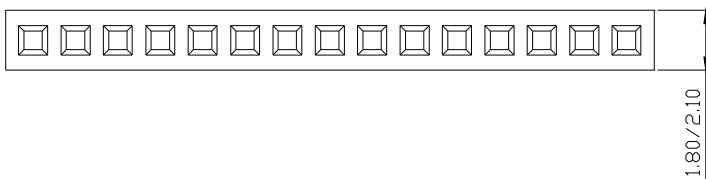
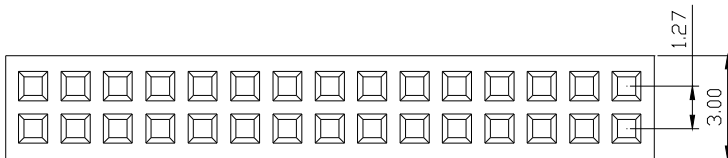


SPECIFICATIONS:

Current Rating: 1.0 AMP
Contact Resistance: 30m \bullet Max
Insulation Resistance: 1000M \bullet Min
Withstand Voltage: 300VAC/minute
Operation Temperature: -40 $^{\circ}$ C to +105 $^{\circ}$ C

MATERIALS:

Contact Material: Phosphor Bronze
Contact Plating: Gold or Tin over 50 μ Ni
Insulator Material: Polyester(UL94V-0)
Standard: PA 46



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
2 3 X X XX S X X 1 0

① Series No.:
2= Female Header

② Pitch: 3= 1.27mm

③ Insulator Height:
2 = 2.0mm
3 = 3.4mm
4 = 4.3mm
5 = 4.6mm

④ Dip Spacing:
1=Single row
2=Double row

⑤ Number of Contacts:
Single row = 01 to 50
Double row = 02 to 98
x0=100 Pin

⑥ Tail & Mounting Style:
S= Straight DIP type

⑦ Contact Plated
0= Tin
1= Gold Flash
2= Gold 3u"
3= Gold 5u"
4= Gold 10u"
5= Gold 15u"
6= Gold 30u"

⑧ Material Type
0= PPS
1= PBT
2= LCP
3= Nylon-66
4= Nylon-6T
5= PA46

⑨ Color: 1= Black

⑩ Customer Request

Due to technical progress, all the information provided is subject to change without prior notice.

Female Header

Single Row - Straight DIP Type

Pitch: 1.27mm

Dual Row - Straight DIP Type

Pitch: 1.27 x 2.54mm

Series

2361**S...

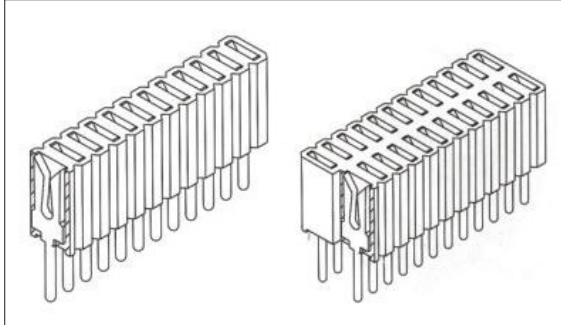
2462**S...

Leyconn

TEL: +86(755)2624 6910

TEL: +86(755)2624 6912

Http://www.leyconn.com



SPECIFICATIONS:

Current Rating: 1.0 AMP

Contact Resistance: 30mΩ Max

Insulation Resistance: 1000MΩ Min

Withstand Voltage: 300VAC/minute

Operation Temperature: -40°C to +105°C

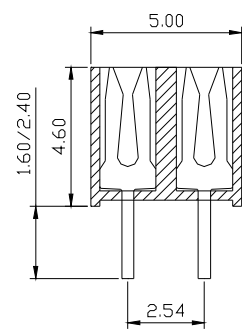
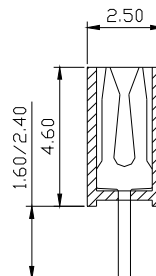
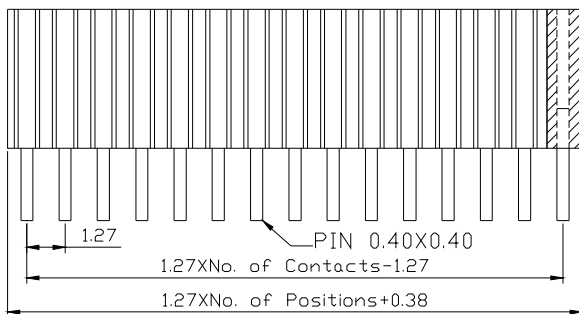
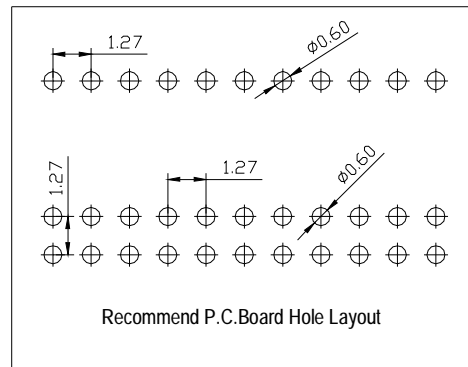
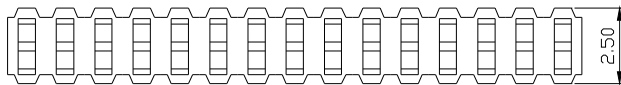
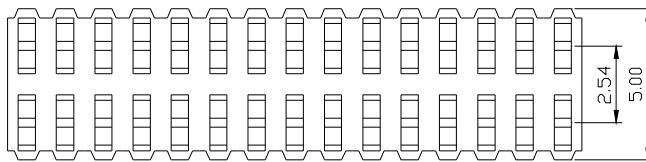
MATERIALS:

Contact Material: Phosphor Bronze

Contact Plating: Gold or Tin over 50 μm Ni

Insulator Material: Polyester(UL94V-0)

Standard: PA 46



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
2 X X X XX S X X 1 0

① Series No.:
2= Female Header

② Pitch: 3= 1.27mm
4 = 1.27 x 2.54mm

③ Insulator Height:
6 = 4.6mm

④ Dip Spacing:
1=Single row
2=Double row

⑤ Number of Contacts:
Single row = 01 to 40
Double row = 02 to 80

⑥ Tail & Mounting Style:
S= Straight DIP type

⑦ Contact Plated
0= Tin
1= Gold Flash
2= Gold 3u"
3= Gold 5u"
4= Gold 10u"
5= Gold 15u"
6= Gold 30u"

⑧ Material Type
0= PPS
1= PBT
2= LCP
3= Nylon-66
4= Nylon-6T
5= PA46

⑨ Color: 1= Black

⑩ Customer Request

Due to technical progress, all the information provided is subject to change without prior notice.

Female Header

Single Row / Dual Row
Straight SMT Type

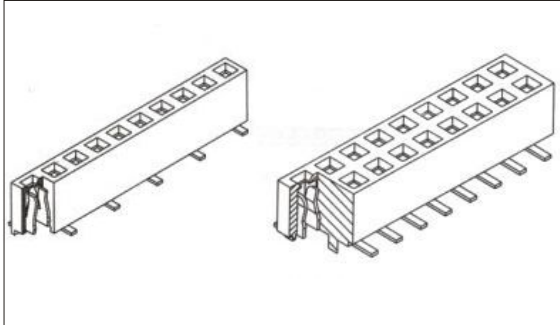
Pitch: 2.00 x 2.00mm

Series

222 ~ 224
226 / 228

Leyconn

TEL: +86(755)2624 6910
TEL: +86(755)2624 6912
Http://www.leyconn.com

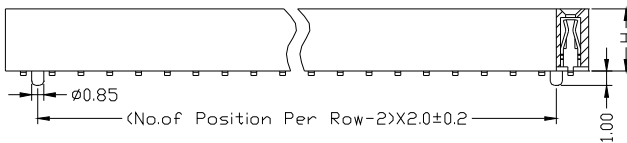
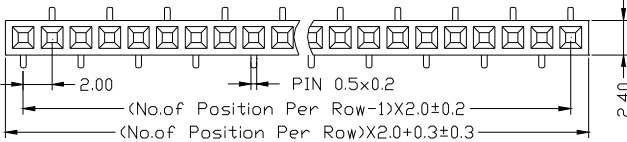
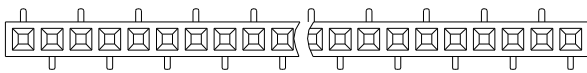


SPECIFICATIONS:

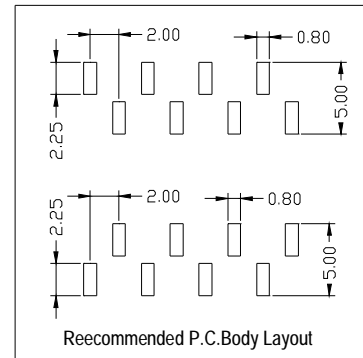
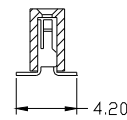
Current Rating: 2.0 AMP
Contact Resistance: 30m• Max
Insulation Resistance: 1000M• Min
Withstand Voltage: 500VAC/minute
Operation Temperature: -40°C to +105°C

MATERIALS:

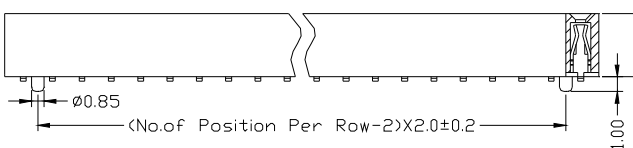
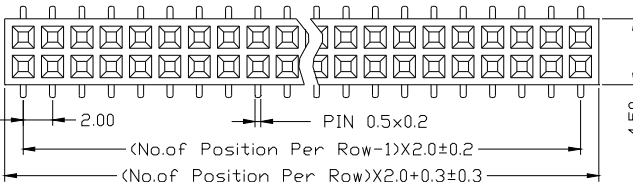
Contact Material: Phosphor Bronze
Contact Plating: Gold or Tin over 50 μ" Ni
Insulator: Glass Filled Polyester(UL94V-0)
Standard: PA 46



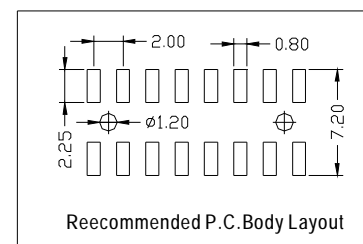
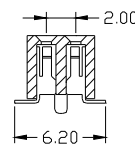
H = 2.20mm
H = 3.80mm
H = 4.00mm
H = 4.30mm
H = 4.60mm



Recommended P.C. Body Layout



H = 2.20mm
H = 3.80mm
H = 4.00mm
H = 4.30mm
H = 4.60mm



Recommended P.C. Body Layout

Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
2 2 X X XX M X X 1 X

① Series No.:
2= Female Header

② Pitch: 2= 2.00mm

③ Insulator Height:
2 = 2.2mm
3 = 3.8mm
4 = 4.3mm
6 = 4.6mm
8 = 4.0mm

④ Dip Spacing:
1=Single row
2=Double row

⑤ Number of Contacts:
Single row = 01 to 40
Double row = 02 to 80

⑥ Tail & Mounting Style:
M= Straight SMT type

⑦ Contact Plated
0= Tin
1= Gold Flash
2= Gold 3u"
3= Gold 5u"
4= Gold 10u"
5= Gold 15u"
6= Gold 30u"

⑧ Material Type
0= PPS
1= PBT
2= LCP
3= Nylon-66
4= Nylon-6T
5= PA46

⑨ Color: 1= Black

⑩ Customer Request

Due to technical progress, all the information provided is subject to change without prior notice.

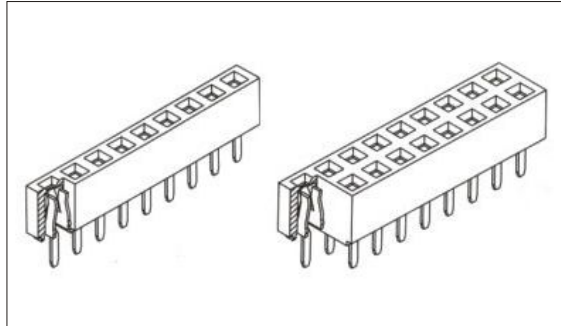
Female Header

Single Row / Dual Row
Straight DIP Type

Pitch:2.00 x2.00mm

Series
222 ~ 224
226 / 228

Leyconn
TEL:+86(755)2624 6910
TEL:+86(755)2624 6912
Http://www.leyconn.com

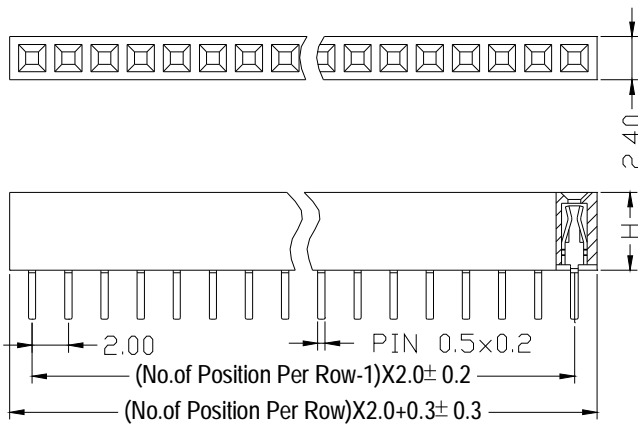


SPECIFICATIONS:

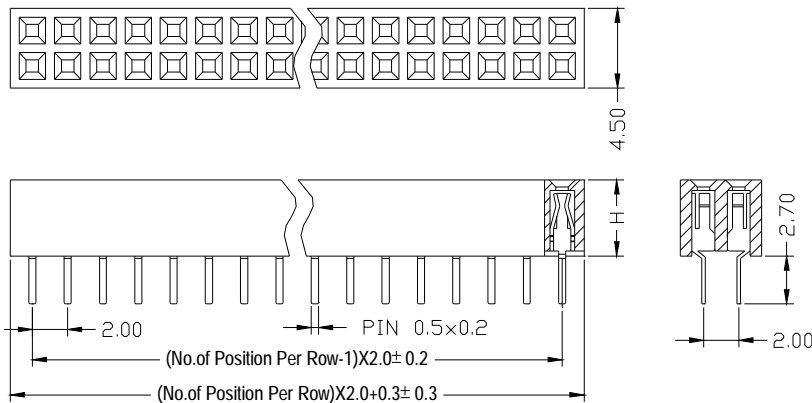
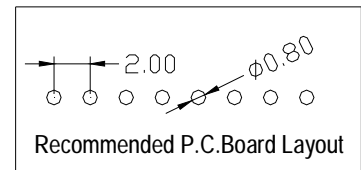
Current Rating: 2.0 AMP
Contact Resistance: 30m• Max
Insulation Resistance: 1000M• Min
Withstand Voltage: 500VAC/minute
Operation Temperature: -40°C to +105°C

MATERIALS:

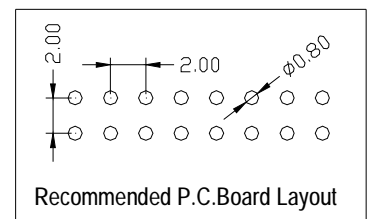
Contact Material: Phosphor Bronze
Contact Plating: Gold or Tin over 50 μ " Ni
Insulator: Glass Filled Polyester(UL94V-0)
Standard: PA 46



H = 2.20mm
H = 3.80mm
H = 4.00mm
H = 4.30mm
H = 4.60mm



H = 2.20mm
H = 3.80mm
H = 4.00mm
H = 4.30mm
H = 4.60mm



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
2 2 X X XX S X 5 1 0

① Series No.:
2= Female Header

② Pitch: 2= 2.00mm

③ Insulator Height:
2 = 2.2mm
3 = 3.8mm
4 = 4.3mm
6 = 4.6mm
8 = 4.0mm

④ Dip Spacing:
1=Single row
2=Double row

⑤ Number of Contacts:
Single row = 01 to 40
Double row = 02 to 80

⑥ Tail & Mounting Style:
S= Straight DIP type

⑦ Contact Plated
0= Tin
1= Gold Flash
2= Gold 3u"
3= Gold 5u"
4= Gold 10u"
5= Gold 15u"
6= Gold 30u"

⑧ Material Type
0= PPS
1= PBT
2= LCP
3= Nylon-66
4= Nylon-6T
5= PA46

⑨ Color: 1= Black

⑩ Customer Request

Due to technical progress, all the information provided is subject to change without prior notice.

Female Header

Single Row / Dual Row
Right Angle Type

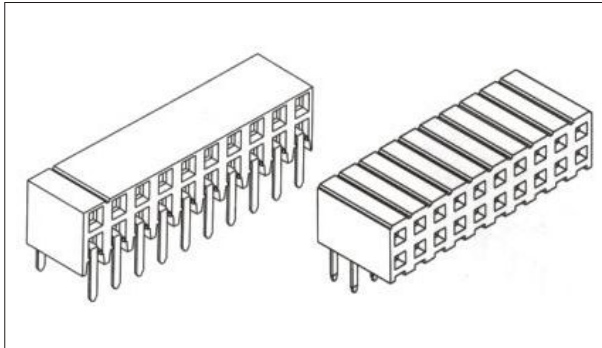
Pitch: 2.00 x 2.00mm

Series

224 / 225
227

Leyconn

TEL: +86(755)2624 6910
TEL: +86(755)2624 6912
Http://www.leyconn.com

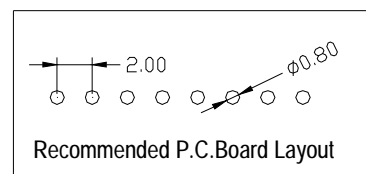
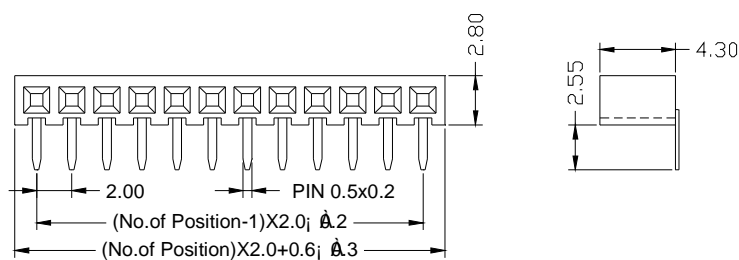
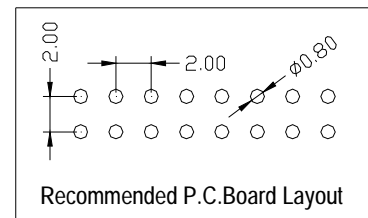
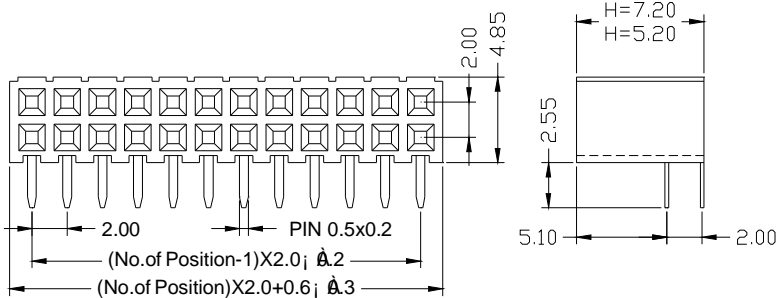
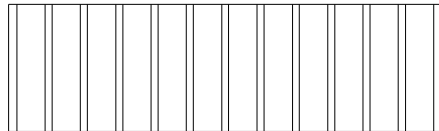


SPECIFICATIONS:

Current Rating: 2.0 AMP
Contact Resistance: 30mΩ Max
Insulation Resistance: 1000MΩ Min
Withstand Voltage: 500VAC/minute
Operation Temperature: -40℃ to +105℃

MATERIALS:

Contact Material: Phosphor Bronze
Contact Plating: Gold or Tin over 50 μ "Ni
Insulator: Glass Filled Polyester (UL94V-0)
Standard: NYLON- 6T



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
2 2 X X XX R X X 1 0

① Series No.:
2= Female Header

③ Insulator Height:
4 = 4.3mm
5 = 5.2mm
7 = 7.2mm

④ Dip Spacing:
1=Single row
2=Double row

⑤ Number of Contacts:
Single row = 01 to 40
Double row = 02 to 80

⑥ Tail & Mounting Style:
R=Right Angle Type

⑦ Contact Plated
0= Tin
1= Gold Flash
2= Gold 3u"
3= Gold 5u"
4= Gold 10u"
5= Gold 15u"
6= Gold 30u"

⑧ Material Type
0=PPS
1=PBT
2=LCP
3=Nylon-66
4=Nylon-6T
5=PA46

⑨ Color: 1=Black

⑩ Customer Request

Due to technical progress, all the information provided is subject to change without prior notice.

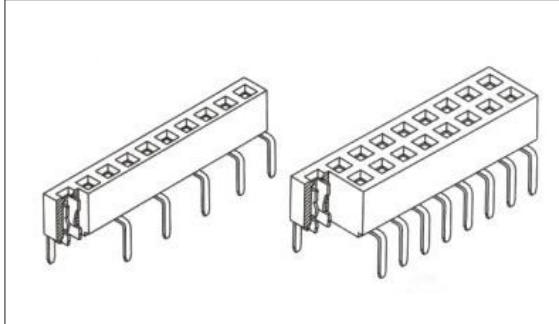
Female Header
Single Row / Dual Row
Bottom Entry

Pitch: 2.00 x 2.00mm

Series
224***B...
226***B...

Leyconn

TEL: +86(755)2624 6910
TEL: +86(755)2624 6912
Http://www.leyconn.com

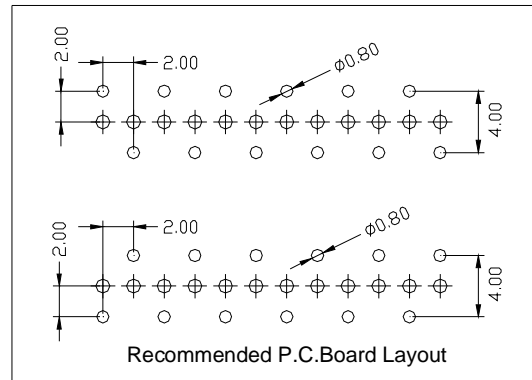
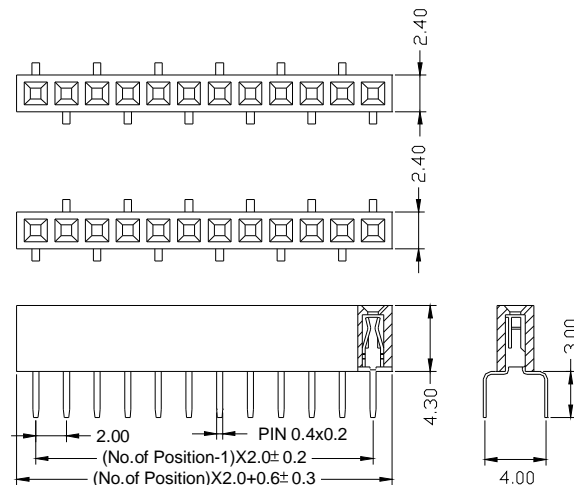
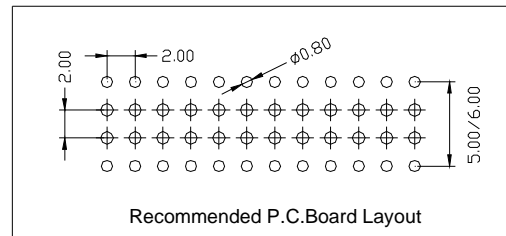
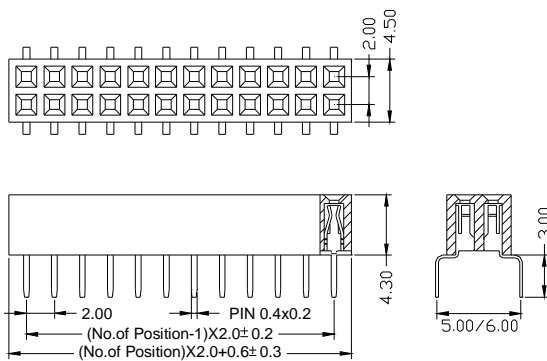


SPECIFICATIONS:

Current Rating: 2.0 AMP
Contact Resistance: 30m Ω Max
Insulation Resistance: 1000M Ω Min
Withstand Voltage: 500VAC/minute
Operation Temperature: -40°C to +105°C

MATERIALS:

Contact Material: Phosphor Bronze
Contact Plating: Gold or Tin over 50 μ Ni
Insulator: Glass Filled Polyester (UL94V-0)
Standard: NYLON-6T



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
2 2 X X XX B X X 1 0

① Series No.:
2= Female Header

③ Insulator Height:
4 = 4.3mm
6 = 4.6mm

② Pitch: 2= 2.00mm

④ Dip Spacing:
1=Single row
2=Double row

⑤ Number of Contacts:
Single row = 01 to 40
Double row = 02 to 80

⑥ Tail & Mounting Style:
B=Bottom Entry

⑦ Contact Plated
0= Tin
1= Gold Flash
2= Gold 3u"
3= Gold 5u"
4= Gold 10u"
5= Gold 15u"
6= Gold 30u"

⑧ Material Type
0= PPS
1= PBT
2= LCP
3= Nylon-66
4= Nylon-6T
5= PA46

⑨ Color: 1= Black

⑩ Customer Request

Due to technical progress, all the information provided is subject to change without prior notice.