

## Specifications

備注 (Remark)

1. 材料 (Material)

膠芯: PA9T/LCP+30%G. F UL94V-0, 顏色: 黑色

Housing: PA9T/LCP+30%G. F UL94V-0, Color: Black

端子: 黃銅

Contact: Brass

2. 特性 (characteristics):

額定電流: 2.0AMP

Rating Current: 2.0AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

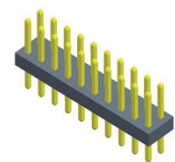
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 500V/分鐘

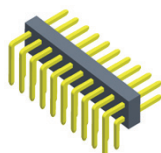
Withstanding Voltage: AC 500V/Minute

溫度範圍: -40° C to +105° C

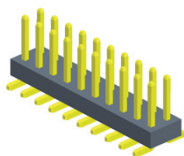
Temperature Range: -40° C to +105° C



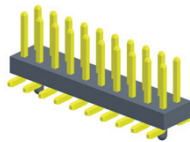
P2XX-12XXXXX1  
L=A+B+H



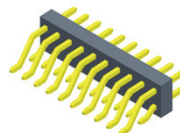
P2XX-12XXXXX1  
L=A+B+D+H+1.0



P2XX-12XXXXM1  
L=B+H+D+(W-2.0)/2

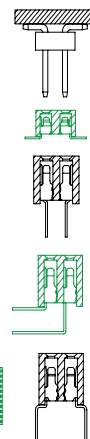


P2XX-12XXXXM2  
L=B+H+D+(W-2.0)/2

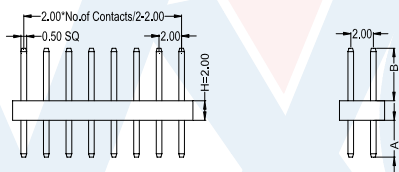
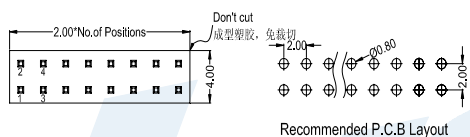


P2XX-12XXXXX1  
L=A+B+H+3.0

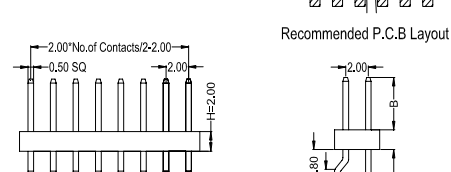
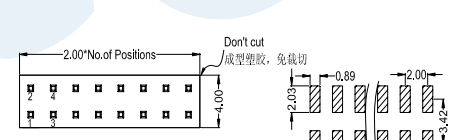
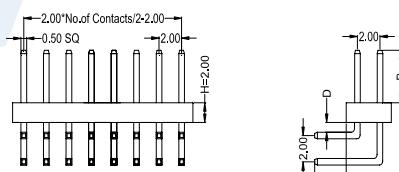
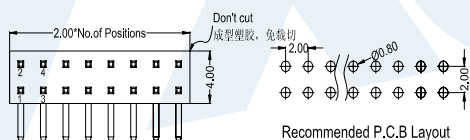
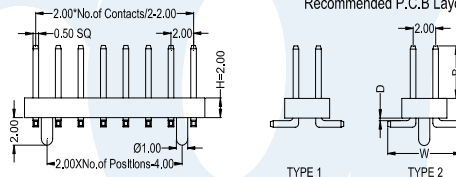
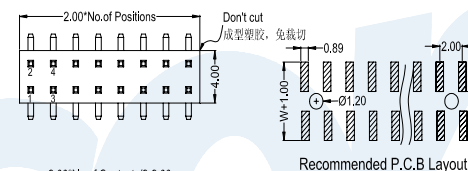
Mating With/配對母座:  
F220/F221/F227/F228/F235/F240  
F243/F245/F246/F249/F255/F263/F272



Dimension antitheses list			
ITEM	A	B	H
Standard	2.80	2.0/3.0/4.0	1.5
Alternate			2.0



Dimension antitheses list				
ITEM	B	D	W	H
Standard	2.0/3.0/4.0	0.10	6.50	1.5
Alternate				2.0



Dimension antitheses list				
ITEM	A	B	D	H
Standard	2.80	2.0/3.0/4.0	0/0.75	1.5
Alternate				2.0

Dimension antitheses list		
ITEM	B	H
Standard	2.0/3.0/4.0	1.5
Alternate		2.0

PIN HEADER

P 2 1 5 - 1 2

P 2 2 0 - 1 2

XX

XX

X

X

XXX

X

X

**No. Of Pins Per Row**  
01~40P

**Contact Plating**  
Full Of Gold A0=0.8u"  
Semi-Gold B0=0.8U"  
~  
A9=30u" B9=30U"  
S1=Ordinary Tin Plated  
S2=Matte Tin Plated  
S3=Tin-plated High-temperature

**Insulator Material:**  
A: PBT  
B: PA6T  
C: PA9T  
D: LCP

**Contact Shape:**  
S: Straight  
R: Right Angle  
M: SMT  
Z: 90° SMT

**Length Of Terminal**

**Packing**  
A: PE Bag  
B: Tape & Reel  
C: Tube  
D: Tube+CAP  
E: Tray

**Journal Number**  
1: Type1  
2: Type2

## Specifications

備注 (Remark)

1. 材料 (Material)

膠芯: PA9T/LCP+30%G. F UL94V-0, 顏色: 黑色

Housing: PA9T/LCP+30%G. F UL94V-0, Color: Black

端子: 黃銅

Contact: Brass

2. 特性 (characteristics):

額定電流: 2.0AMP

Rating Current: 2.0AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

Insulating Resistance: 1000 MΩ Min

耐電壓: AC 500V/分鐘

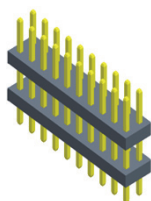
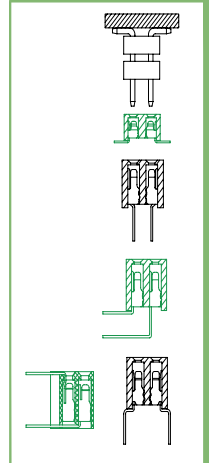
Withstanding Voltage: AC 500V/Minute

溫度範圍: -40° C to +105° C

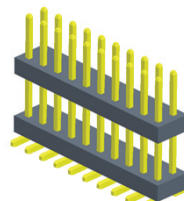
Temperature Range: -40° C to +105° C



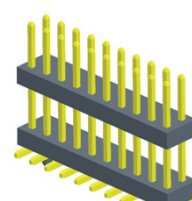
Mating With/配對母座:  
F220/F221/F227/F228/F235/F240  
F243/F245/F246/F248/F255/F263/F272



P2XX-22XXXXXXSXXXX1  
L=A+B+C

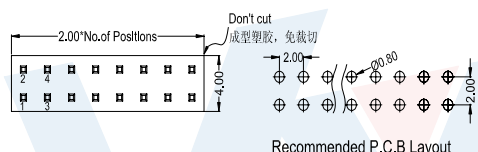


P2XX-22XXXXXXMXXXX1  
L=B+C+D+(W-2.0)/2

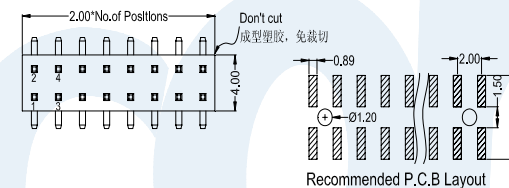
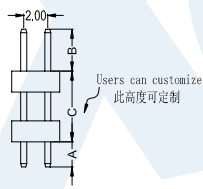
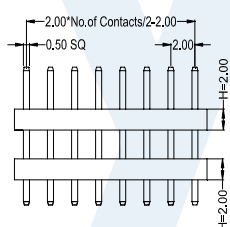


P2XX-22XXXXXXMXXXX2  
L=B+C+D+(W-2.0)/2

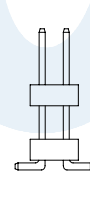
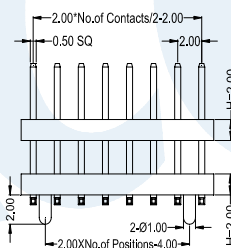
PIN HEADER



Recommended P.C.B Layout



Recommended P.C.B Layout



TYPE 1

TYPE 2

Users can customize  
此高度可定制

Dimension antitheses list				
ITEM	A	B	C	H
Standard	2.80	2.0/3.0/4.0		1.5
Alternate				2.0

Dimension antitheses list					
ITEM	B	D	C	W	H
Standard	2.0/3.0/4.0	0.10		6.50	1.5
Alternate					2.0

P 2 1 5 - 2 2  
P 2 2 0 - 2 2

XX

XX

X

X

XXX

X

X

**No. Of Pins Per Row**  
02~40P

**Contact Plating**  
Full Of Gold A0=0.8u"  
Semi-Gold B0=0.8U"  
~  
A9=30u" B9=30U"  
S1=Ordinary Tin Plated  
S2=Matte Tin Plated  
S3=Tin-plated High-temperature

**Insulator Material:**  
A: PBT  
B: PA6T  
C: PA9T  
D: LCP

**Contact Shape:**  
S: Straight  
M: SMT

**Length Of Terminal**

**Packing**  
A: PE Bag  
B: Tape & Reel  
C: Tube  
D: Tube+CAP  
E: Tray

**Journal Number**  
1: Type1  
2: Type2

Http://www.yxcon.com

E-mail:yx@yxcon.com

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YUXI TAIWAN (台灣)

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TEL:+886 3313 2933

FAX:+86 769 85396015  
FAX:+886 3313 2935

**Specifications**

備注 (Remark)

1. 材料 (Material)

膠芯: PA9T/LCP+30%G. F UL94V-0, 顏色: 黑色

Housing: PA9T/LCP+30%G. F UL94V-0, Color: Black

端子: 黃銅

Contact: Brass

2. 特性 (characteristics):

額定電流: 2.0AMP

Rating Current: 2.0AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

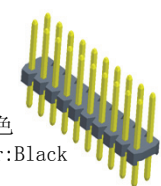
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 500V/分鐘

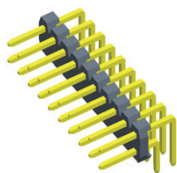
Withstanding Voltage: AC 500V/Minute

溫度範圍: -40° C to +105° C

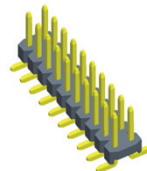
Temperature Range: -40° C to +105° C



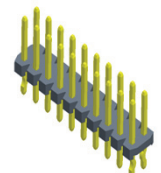
P2XX-12XXXXXSXXXX1  
L=A+B\*H



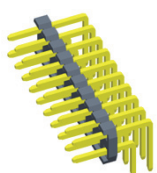
P2XX-12XXXXRXXXXX1  
L=A+B\*D\*H+1.0



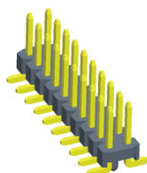
P2XX-12XXXXMXXXX1  
L=B\*H\*H+(W-2.0)/2



P2XX-12XXXXSXXXXX2  
L=A+B\*H

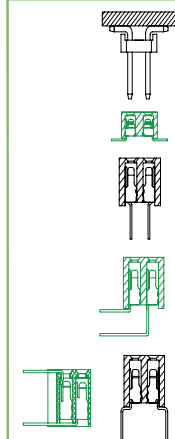


P2XX-12XXXXRXXXXX2  
L=A+B\*D\*H+1.0

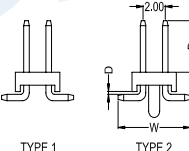
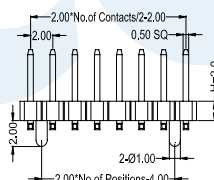
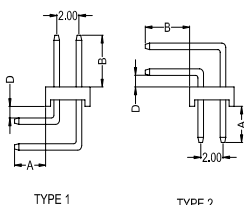
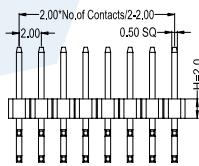
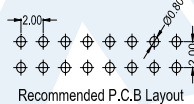
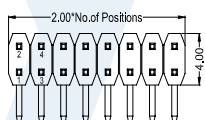
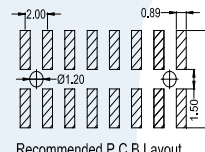
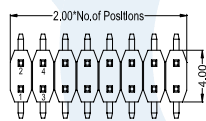
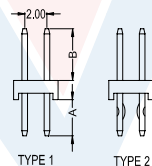
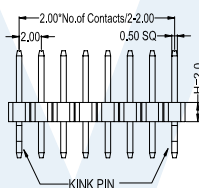
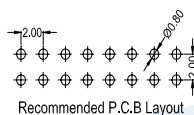


P2XX-12XXXXMXXXX2  
L=B\*H\*H+(W-2.0)/2

Mating With/配對母座:  
F220/F221/F227/F228/F235/F240  
F243/F245/F246/F249/F255/F263/F272



Dimension and tolerances list			
ITEM	A	B	H
Standard	2.80	2.0/3.0/4.0	1.0 2.0
Alternate			1.5 2.5



Dimension and tolerances list				
ITEM	A	B	D	H
Standard	2.80	2.0/3.0/4.0	0.75	1.0 2.0
Alternate				1.5 2.5

Dimension and tolerances list				
ITEM	B	D	W	H
Standard	2.0/3.0/4.0	0.10	6.50	1.0 2.0
Alternate				1.5 2.5

- P 210 - 12
- P 215 - 12
- P 220 - 12
- P 225 - 12

**XX**  
No. Of Pins  
Per Row  
02~40P

**XX**  
Contact Plating  
Full Of Gold    Semi-Gold  
A0=0.8u"      B0=0.8U"  
~                    ~  
A9=30u"        B9=30U"  
S1=Ordinary Tin Plated  
S2=Matte Tin Plated  
S3=Tin-plated High-temperature

**X**  
Insulator Material:  
A: PBT  
B: PA6T  
C: PA9T  
D: LCP

**X**  
Contact Shape:  
S: Straight  
R: Right Angle  
M: SMT

**XXX**  
Length Of Terminal  
Packing  
A: PE Bag  
B: Tape & Reel  
C: Tube  
D: Tube+CAP  
E: Tray

**X**  
Journal Number  
1: Type1  
2: Type2

**X**

## Specifications

備注 (Remark)

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Rating Current: 2.0AMP

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Contact Resistance: 20mΩ Max

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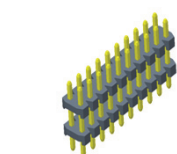
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 500V/分鐘

Withstanding Voltage: AC 500V/Minute

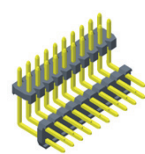
溫度範圍: -40° C to +105° C

Temperature Range: -40° C to +105° C



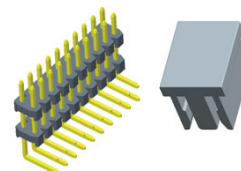
P2XX-22XXXXXSXXX1

L=A+B+C



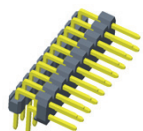
P2XX-22XXXXRXXXX1

L=A+B+D1+D2+2H+0.25



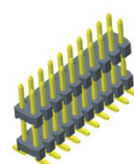
P2XX-22XXXXRXXX2

L=A+B+C+D1



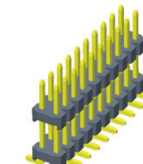
P2XX-22XXXXRXXX3

L=A+H+1.0



P2XX-22XXXXMXXX1

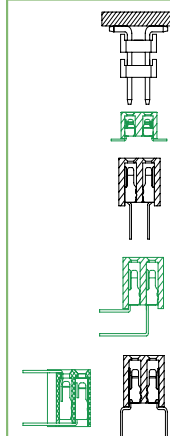
L=B+C+D+(W-2.0)/2



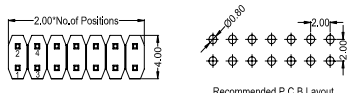
P2XX-22XXXXMXXX2

L=B+C+D+(W-2.0)/2

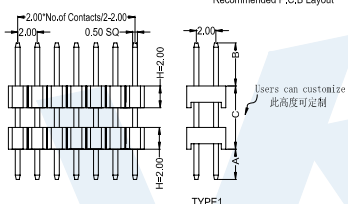
Mating With/配對母座:  
F220/F221/F227/F228/F235/F240  
F243/F245/F246/F249/F255/F263/F272



PIN HEADER

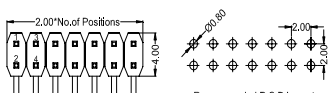


Recommended P.C.B Layout

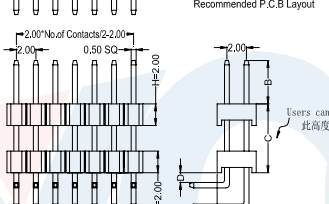


TYPE 1

Dimension antitheses list				
ITEM	A	B	C	H
Standard	2.80	2.0/3.0/4.0		1.0 2.0
Alternate				1.5 2.5

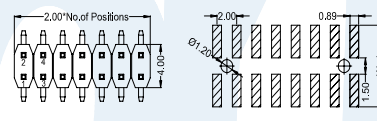


Recommended P.C.B Layout

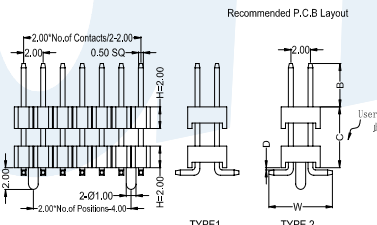


TYPE 2

Dimension antitheses list					
ITEM	A	B	C	D	H
Standard	2.80	2.0/3.0/4.0		0.75	1.0 2.0
Alternate					1.5 2.5



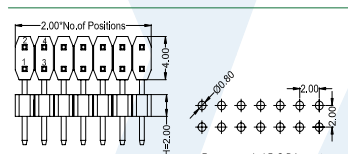
Recommended P.C.B Layout



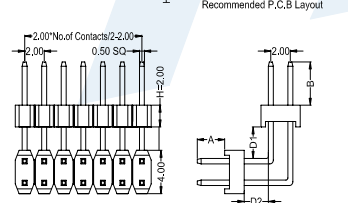
TYPE 1

TYPE 2

Dimension antitheses list					
ITEM	B	C	D	W	H
Standard	2.0/3.0/4.0		0.10	6.50	1.0 2.0
Alternate					1.5 2.5

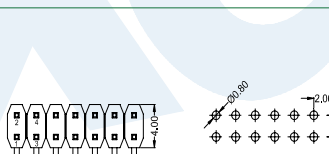


Recommended P.C.B Layout

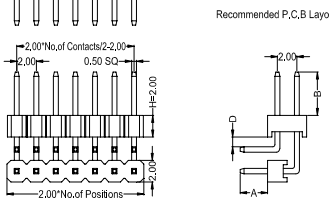


TYPE 1

Dimension antitheses list				
ITEM	A	B	D1	D2
Standard	2.80	2.0/3.0/4.0		
Alternate				



Recommended P.C.B Layout



TYPE 3

Dimension antitheses list				
ITEM	A	B	D	H
Standard	2.80	2.0/3.0/4.0	0.75	1.0 2.0
Alternate				1.5 2.5

- P 210 - 22
- P 215 - 22
- P 220 - 22
- P 225 - 22

XX

No. Of Pins  
Per Row  
02~40P

XX

Contact Plating  
Full Of Gold A0=0.8u"  
Semi-Gold B0=0.8u"  
~  
A9=30u" B9=30u"  
S1=Ordinary Tin Plated  
S2=Matte Tin Plated  
S3=Tin-plated High-temperature

X

Insulator Material:  
A: PBT  
B: PA6T  
C: PA9T  
D: LCP

X

Contact Shape:  
S: Straight  
R: Right Angle  
M: SMT

XXX

Length Of Terminal

X

Packing  
A: PE Bag  
B: Tape & Reel  
C: Tube  
D: Tube+CAP  
E: Tray

X

Journal Number  
1: Type1  
2: Type2  
3: Type3

## Specifications

備注 (Remark)

1. 材料 (Material)

膠芯: PA9T/LCP+30%G. F UL94V-0, 顏色: 黑色  
 Housing: PA9T/LCP+30%G. F UL94V-0, Color: Black  
 端子: 黃銅

Contact: Brass

2. 特性 (characteristics):

額定電流: 2.0AMP

Rating Current: 2.0AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

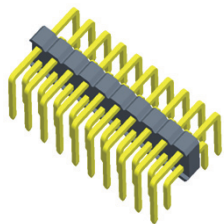
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 500V/分鐘

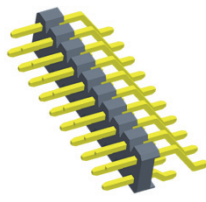
Withstanding Voltage: AC 500V/Minute

溫度範圍: -40° C to +105° C

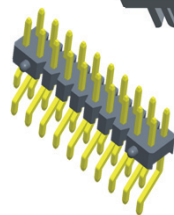
Temperature Range: -40° C to +105° C



P220-12XXXXXRXXXX3  
L=2A+2D+4.0

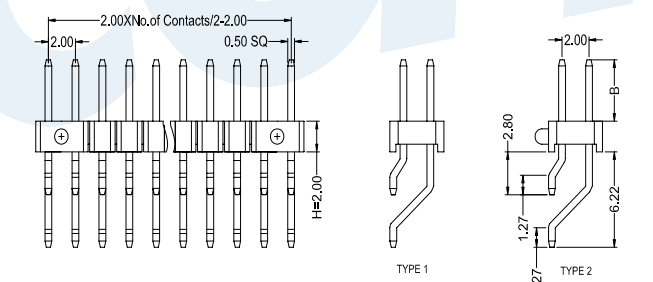
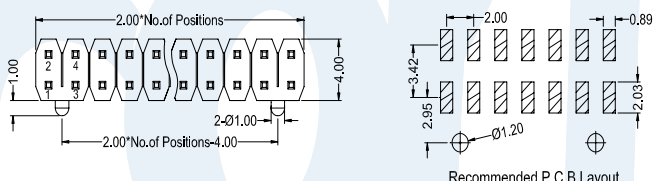
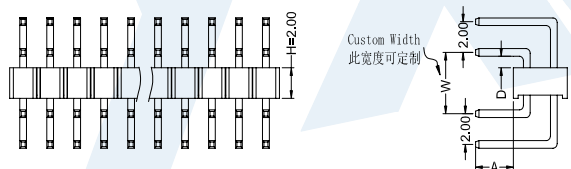
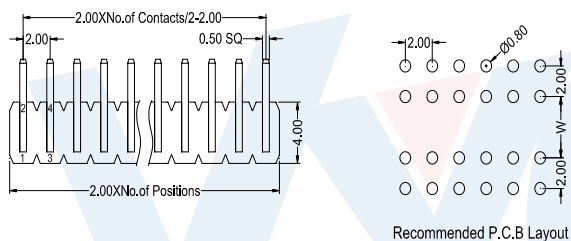
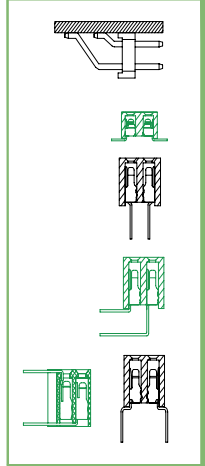


P220-12XXXXXZXXXX1  
L=B+2.8+2.2



P220-12XXXXXZXXX2  
L=B+2.8+2.2

Mating With/配對母座:  
 F220/F221/F227/F228/F235/F240  
 F243/F245/F246/F249/F255/F263/F272



Dimension alternatives list			
ITEM	A	W	D
Standard	2.8	4.0	0.75
Alternate			

Dimension alternatives list	
ITEM	B
Standard	2.0/3.0/4.0
Alternate	

PIN HEADER

<b>P 2 2 0 - 1 2</b>	<b>X X</b>	<b>X X</b>	<b>X</b>	<b>X</b>	<b>X X X</b>	<b>X</b>	<b>X</b>	
<b>No.Of Pins Per Row</b> 02~40P	<b>Contact Plating</b> Full Of Gold A0=0.8u" Semi-Gold B0=0.8U" ~ A9=30u" B9=30U" S1=Ordinary Tin Plated S2=Matte Tin Plated S3=Tin-plated High-temperature	<b>Insulator Material:</b> A:PBT B:PA6T C:PA9T D:LCP	<b>Contact Shape:</b> R:Right Anglt Z:90° SMT	<b>Length Of Terminal</b>	<b>Packing</b> A:PE Bag B:Tape & Reel C:Tube D:Tube+CAP E:Tray	<b>Journal Number</b> 1:Type1 2:Type2 3:Type3		

## Specifications

備注 (Remark)

1. 材料 (Material)

膠芯: PA9T/LCP+30%G. F UL94V-0, 顏色: 黑色

Housing: PA9T/LCP+30%G. F UL94V-0, Color: Black

端子: 黃銅

Contact: Brass

2. 特性 (characteristics):

額定電流: 2.0AMP

Rating Current: 2.0AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

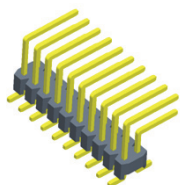
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 500V/分鐘

Withstanding Voltage: AC 500V/Minute

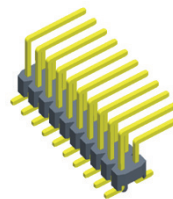
溫度範圍: -40° C to +105° C

Temperature Range: -40° C to +105° C



P220-12XXXXXZXXX3

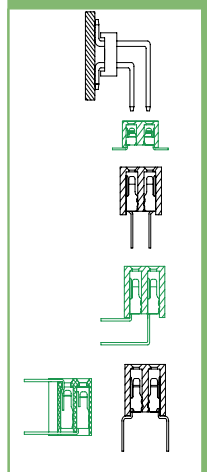
$$L=B+C+0.4+(W-2.0)/2$$



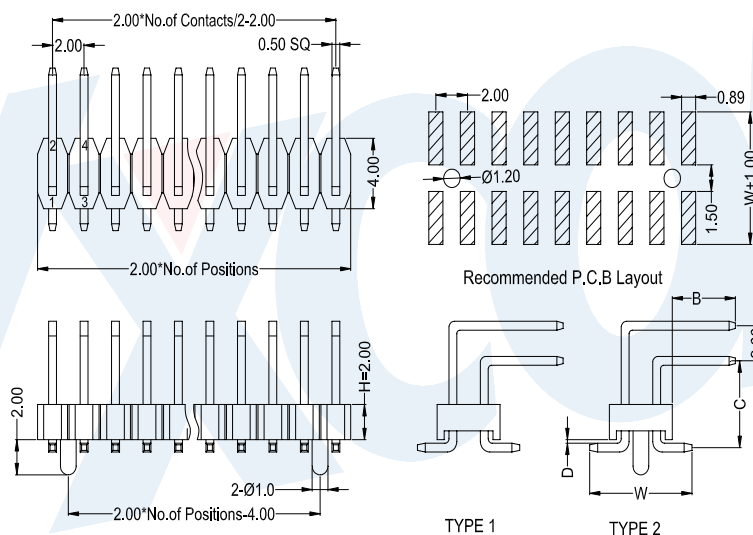
P220-12XXXXXZXXX4

$$L=B+C+0.4+(W-2.0)/2$$

Mating With/配對母座:  
F220/F221/F227/F228/F235/F240  
F243/F245/F246/F249/F255/F263/F272



PIN HEADER



Dimension antitheses list					
ITEM	B	C	D	W	H
Standard	2.0/3.0/4.0		0.10	6.50	1.0 2.0
Alternate					1.5 2.5

P 210 - 12  
P 215 - 12  
P 220 - 12  
P 225 - 12

XX  
No. Of Pins  
Per Row  
02~40P

XX  
Contact Plating  
Full Of Gold A0=0.8u"  
Semi-Gold B0=0.8u"  
A9=30u"  
S1=Ordinary Tin Plated  
S2=Matte Tin Plated  
S3=Tin-plated High-temperature

X  
Insulator Material:  
A: PBT  
B: PA6T  
C: PA9T  
D: LCP

Z  
Length Of Terminal

XXX  
Packing  
A: PE Bag  
B: Tape & Reel  
C: Tube  
D: Tube+CAP  
E: Tray

X  
Journal Number  
3: Type3  
4: Type4

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E-mail: [yx@yxcon.com](mailto:yx@yxcon.com)

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FAX: +886 3313 2935

## Specifications

備注 (Remark)

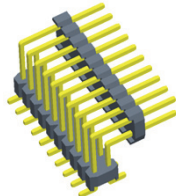
1. 材料 (Material)

膠芯: PA9T/LCP+30%G. F UL94V-0, 顏色: 黑色  
 Housing: PA9T/LCP+30%G. F UL94V-0, Color: Black  
 端子: 黃銅

Contact: Brass

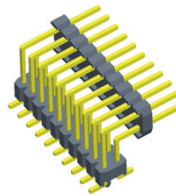
2. 特性 (characteristics):

額定電流: 2.0AMP  
 Rating Current: 2.0AMP  
 接觸阻抗: 20mΩ Max  
 Contact Resistance: 20mΩ Max  
 絕緣阻抗: 1000MΩ Min  
 Insulating Resistance: 1000 MΩ Min  
 耐電壓: AC 500V/分鐘  
 Withstanding Voltage: AC 500V/Minute  
 溫度範圍: -40° C to +105° C  
 Temperature Range: -40° C to +105° C



P220-22XXXXXZXXXX1

$L=B1+C+(W-2.0)/2-2.8$

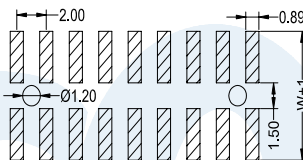
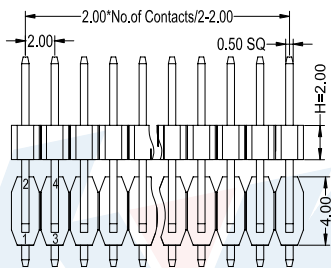
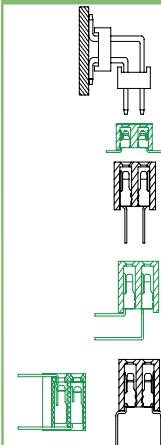


P220-22XXXXXZXXXX2

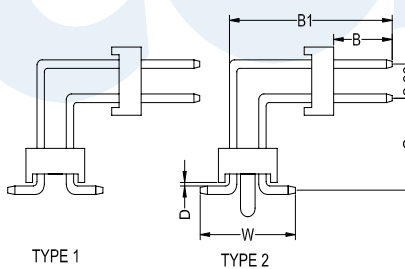
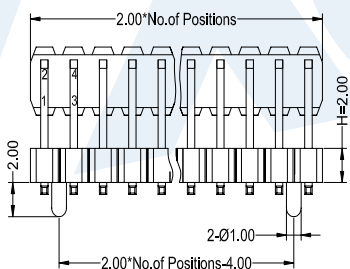
$L=B1+C+(W-2.0)/2-2.8$

Mating With/配對母座:

F220/F221/F227/F228/F235/F240  
 F243/F245/F246/F249/F255/F263/F272



Recommended P.C.B Layout



TYPE 1

TYPE 2

Dimension antitheses list						
ITEM	B	B1	C	D	W	H
Standard	2.0/3.0/4.0			0.10	6.50	1.0 2.0
Alternate						1.5 2.5

PIN HEADER

- P 2 1 0 - 2 2
- P 2 1 5 - 2 2
- P 2 2 0 - 2 2
- P 2 2 5 - 2 2

XX

No.Of Pins  
Per Row

Contact Plating  
Full Of Gold A0=0.8u"  
Semi-Gold B0=0.8U"

A9=30u" B9=30U"  
S1=Ordinary Tin Plated  
S2=Matte Tin Plated  
S3=Tin-plated High-temperature

XX

Insulator Material:  
A:PBT  
B:PA6T  
C:PA9T  
D:LCP

X

Z

XXX

Length Of  
Terminal

Packing  
A:PE Bag  
B:Tape & Reel  
C:Tube  
D:Tube+CAP  
E:Tray

X

Journal Number  
1:Type1  
2:Type2

X

## Specifications

備注 (Remark)

1. 材料 (Material)

膠芯: PA9T/LCP+30%G.F UL94V-0, 顏色: 黑色

Housing: PA9T/LCP+30%G.F UL94V-0, Color: Black

端子: 黃銅

Contact: Brass

2. 特性 (characteristics):

額定電流: 2.0AMP

Rating Current: 2.0AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

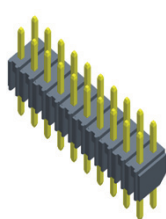
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 500V/分鐘

Withstanding Voltage: AC 500V/Minute

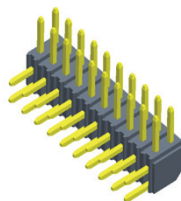
溫度範圍: -40° C to +105° C

Temperature Range: -40° C to +105° C



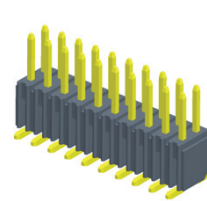
P240-12XXXXXSXXXX1

L=A+B+4.0



P240-12XXXXXRXXXX1

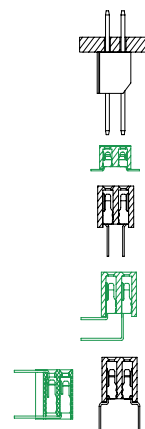
L=A+B+2.2



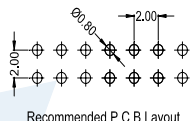
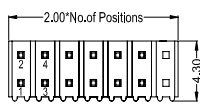
P240-12XXXXMXXXX1

L=B+D+H+(W-2.0)2

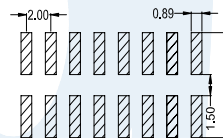
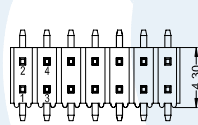
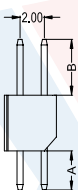
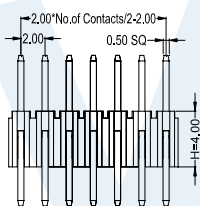
Mating With/ 配對母座:  
F220/F221/F227/F228/F235/F240  
F243/F245/F246/F249/F255/F263/F272



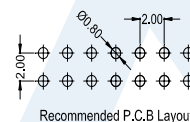
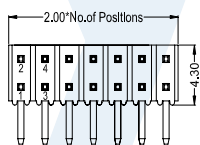
Dimension antitheses list		
ITEM	A	B
Standard	2.80	2.00 3.00 4.00
Alternate		



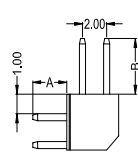
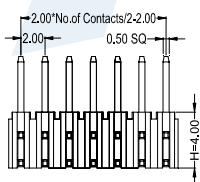
Recommended P.C.B Layout



Recommended P.C.B Layout



Recommended P.C.B Layout



Dimension antitheses list		
ITEM	A	B
Standard	2.80	2.00 3.00 4.00
Alternate		

Dimension antitheses list			
ITEM	B	D	W
Standard	2.00 3.00 4.00	0.10	6.50
Alternate			

**P 2 4 0 - 1 2**

**XX**

**XX**

**X**

**X**

**XXX**

**X**

**1**

No. Of Pins Per Row  
02~40P

Contact Plating  
Full Of Gold A0=0.8u"  
Semi-Gold B0=0.8u"

A9=30u" B9=30U"  
S1=Ordinary Tin Plated  
S2=Matte Tin Plated  
S3=Tin-plated High-temperature

Insulator Material:  
A:PBT  
B:PA6T  
C:PA9T  
D:LCP

Contact Shape:  
S: Straight  
R: Right Angle  
M: SMT

Length Of Terminal

Packing  
A: PE Bag  
B: Tape & Reel  
C: Tube  
D: Tube+CAP  
E: Tray

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