

## 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: 磷銅

Contact: Phosphor Bronze

#### 2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

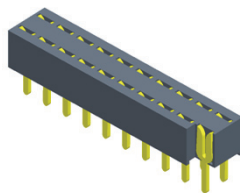
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

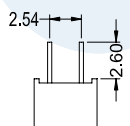
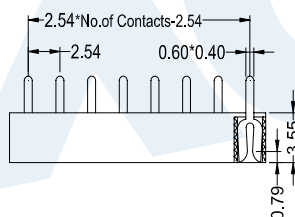
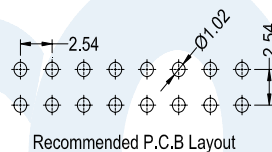
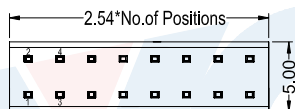
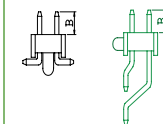
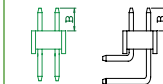
Temperture Range: -40° C to +105° C



F135-12XXXXXXMYX1

### Mating With/ 配對公座:

P110/P115/P117/P120/P125  
P128/P130/P143/P174



F 135 - 1 2

X X

X X

X

S

Y

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:  
B: PA6T  
C: PA9T  
D: LCP

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

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Contact Resistance: 20mΩ Max

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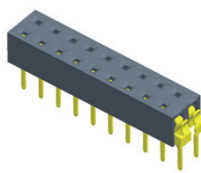
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

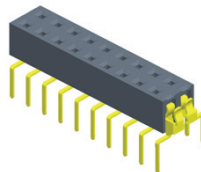
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

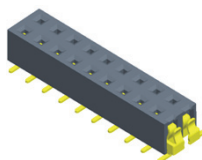
Temperture Range: -40° C to +105° C



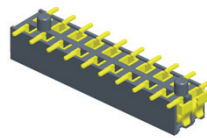
F136-12XXXXXSUX1



F136-12XXXXXWUX1



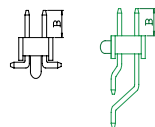
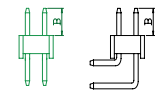
F136-12XXXXXMUX1



F136-12XXXXXMUX2

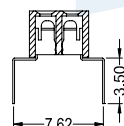
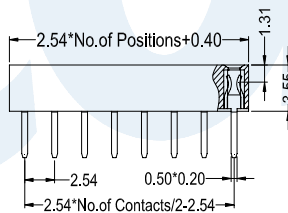
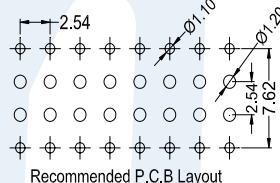
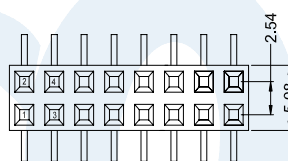
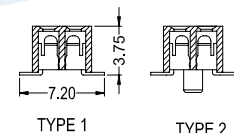
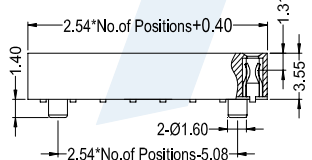
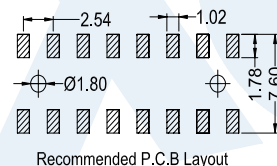
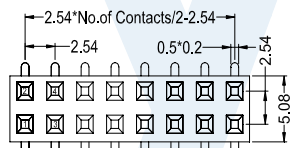
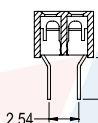
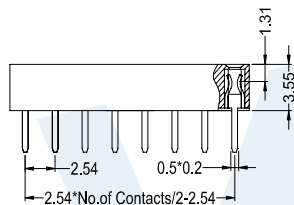
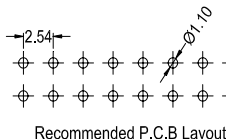
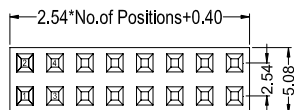
Mating With/配對公座:  
P110/P115/P117/P120/P125  
P128/P130/P143/P174

Mating Pin Long  
(建議接觸端長度)  
B=3.00mm



F

FEMALE HEADER



**F 136 - 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" B9=30U"

S1=Ordinary Tin Plated  
S2=Matte Tin Plated

S3=Tin-plated High-temperature

**X**

Insulator Material:

B:PA6T  
C:PA9T  
D:LCP

**X**

Contact Shape:

S:Straight  
M:SMT  
W:Bottom Entry

**U**

Packing

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

**X**

Journal Number

1:Type1  
2:Type2

**X**

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備注 (Remark)

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

端子: 磷銅

Contact: Phosphor Bronze

2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

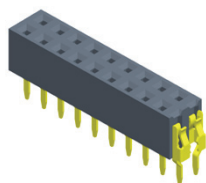
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

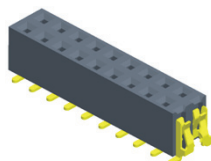
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

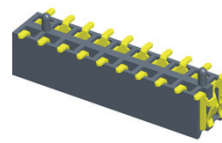
Temperture Range: -40° C to +105° C



F145-12XXXXXSUX1



F145-12XXXXXMUX1



F145-12XXXXXMUX2

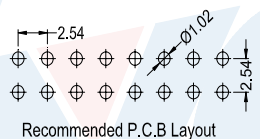
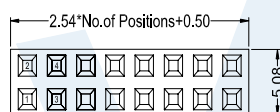
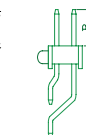


Mating With/配對公座:

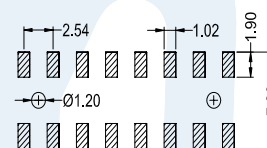
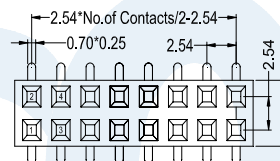
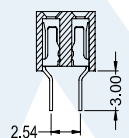
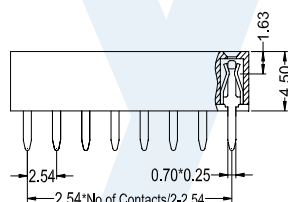
P110/P115/P117/P120/P125  
P128/P130/P143/P174



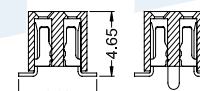
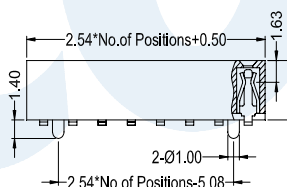
Mating Pin Long  
(建議接觸端長度)  
B=4.00mm



Recommended P.C.B Layout



Recommended P.C.B Layout



TYPE1

TYPE2

F  
FEMALE HEADER

**F 145 - 12**

**XX**

**XX**

**X**

**X**

**U**

**X**

**X**

No.Of Pins Per Row  
02~40P

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

Insulator Material:

B:PA6T

C:PA9T

D:LCP

Contact Shape:

S:Straight

M:SMT

Packing

A:PE Bag

B:Tape & Reel

C:Tube

D:Tube+CAP

E:Tray

Journal Number

1:Type1

2:Type2

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## 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:磷銅

Contact: Phosphor Bronze

## 2. 特性(characteristics):

額定電流:3.00AMP

Rating Current:3.00AMP

接觸阻抗:20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗:1000MΩ Min

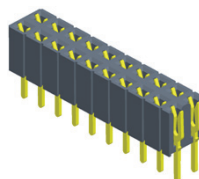
Insulating Resistance:1000 MΩ Min

耐電壓：AC 1000V/分钟

Withstanding Voltage:AC 1000V/Minute

溫度範圍:  $-40^{\circ}\text{C}$  to  $+105^{\circ}\text{C}$

Temperature Range: -40° C to +105° C

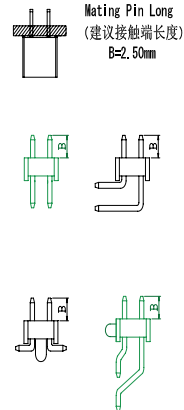


F145-12XXXXSYX1

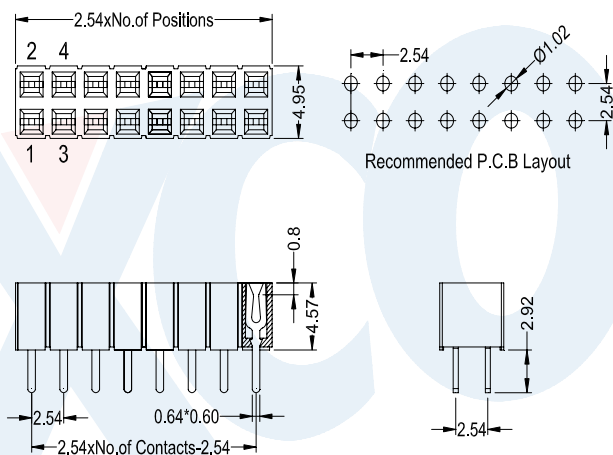
**Mating With/配對公座:**

P110/P115/P117/P120/P125

P128/P130/P143/P174



# FEMALE HEADER



F 145 - 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-temp |           |



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

**S**

**Contact Shape:**  
S:Straight

Y

## Packing

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



1

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端子: 磷銅

Contact: Phosphor Bronze

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Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

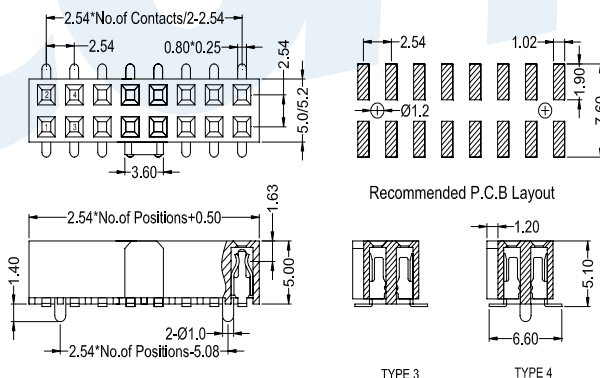
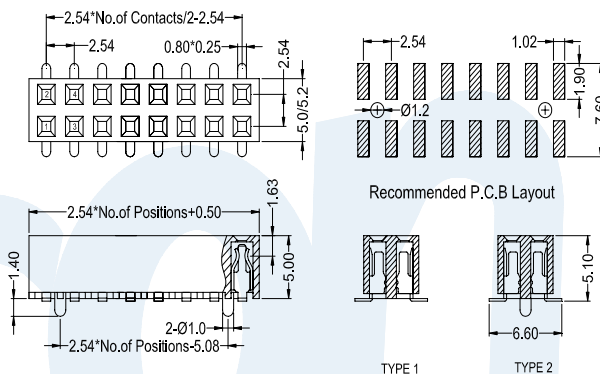
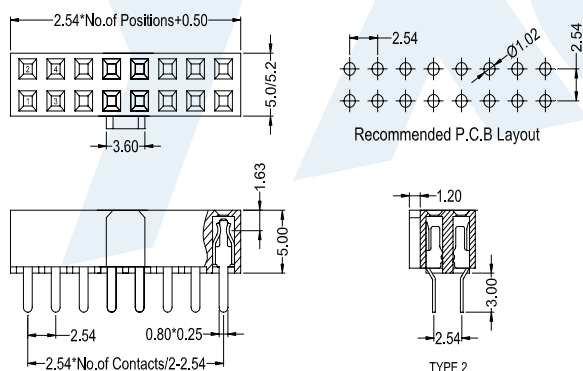
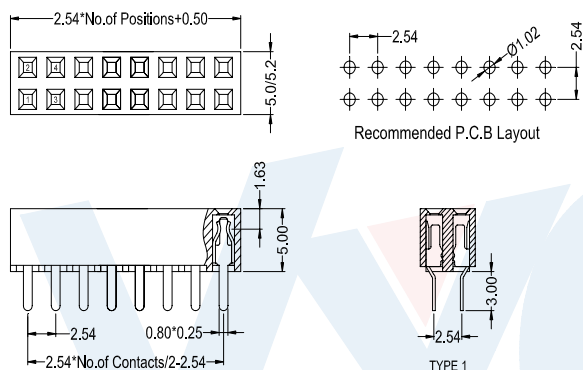
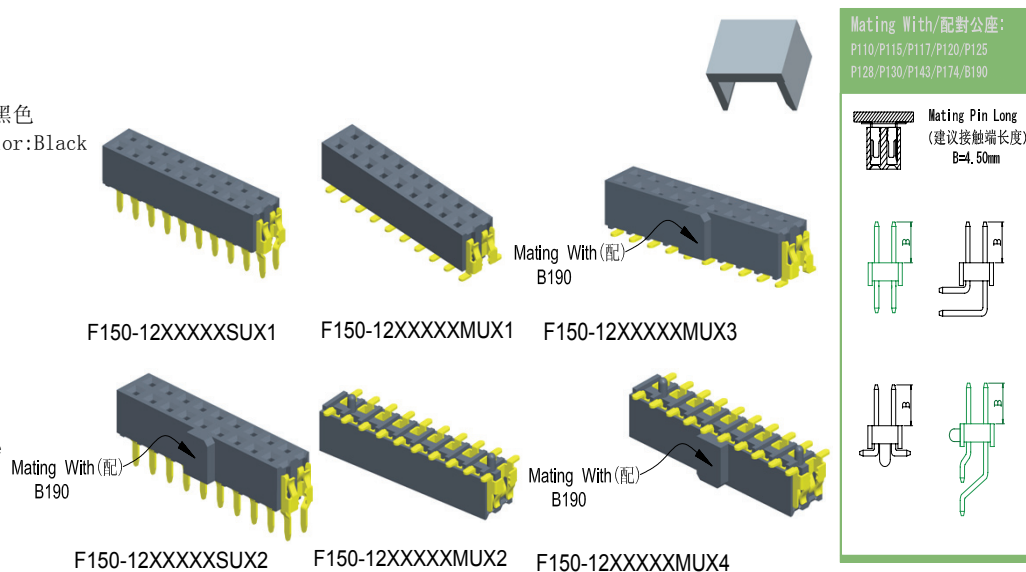
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

Temperture Range: -40° C to +105° C



F  
FEMALE HEADER

**F 150-12**

**XX**

**XX**

**X**

**X**

**U**

**X**

**X**

**X**

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

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

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

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

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

**Journal Number**  
1: Type1  
2: Type2  
3: Type3  
4: Type4

**Width Number**  
A: 5.00mm  
B: 5.20mm

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Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

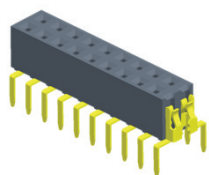
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

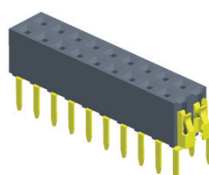
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

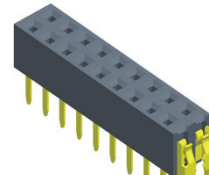
Temperture Range: -40° C to +105° C



F150-12XXXXXXWUX1  
F171-12XXXXXXWUX1  
F185-12XXXXXXWUX1



F150-12XXXXXXWUX2  
F171-12XXXXXXWUX2  
F185-12XXXXXXWUX2



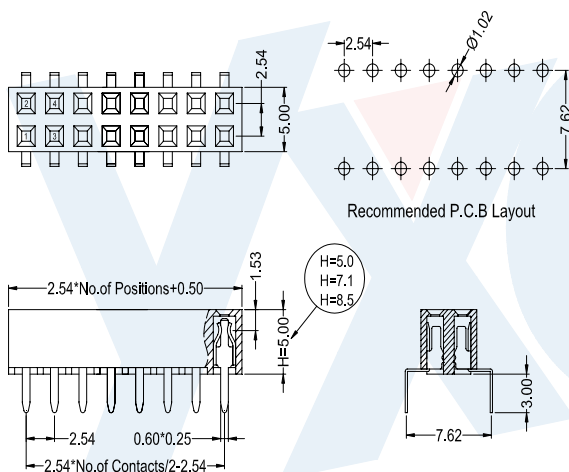
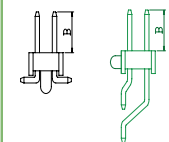
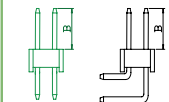
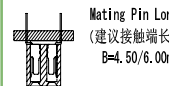
F150-12XXXXXXWUX3  
F171-12XXXXXXWUX3  
F185-12XXXXXXWUX3

Mating With/配對公座:

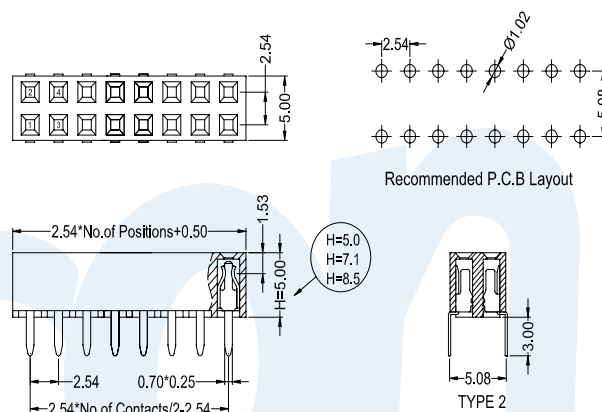
P110/P115/P117/P120/P125

P128/P130/P143/P174

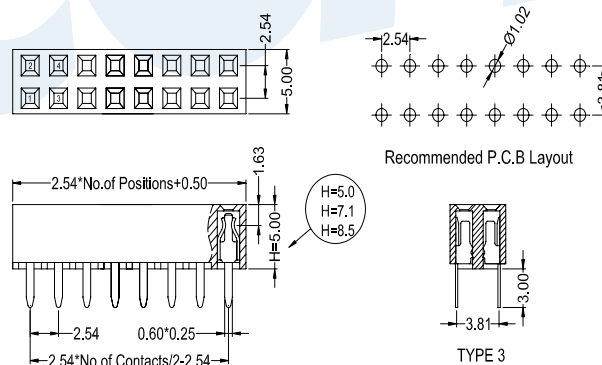
Mating Pin Long  
(建議接觸端長度)  
B=4.50/6.00mm



TYPE 1



TYPE 2



TYPE 3

F 150 - 12  
F 171 - 12  
F 185 - 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" B9=30U"  
S1=Ordinary Tin Plated  
S2=Matte Tin Plated  
S3=Tin-plated High-temperature

X

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

W

U

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

X

Journal Number  
1: Type1  
2: Type2  
3: Type3

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: 磷銅

Contact: Phosphor Bronze

2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

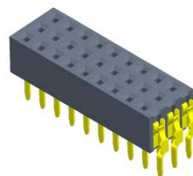
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

Withstanding Voltage: AC 1000V/Minute

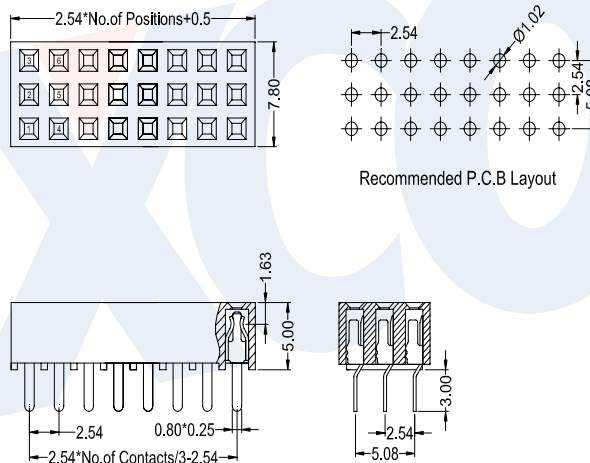
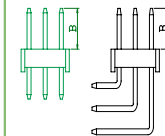
溫度範圍: -40° C to +105° C

Temperature Range: -40° C to +105° C



F150-13XXXXXSUX1

Mating With/配對公座:  
P125



FEMALE HEADER

F150-13

XX

XX

X

S

U

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:  
B: PA6T  
C: PA9T  
D: LCP

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

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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: 磷銅

Contact: Phosphor Bronze

2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

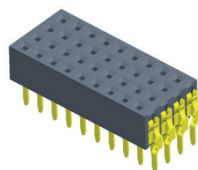
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

Withstanding Voltage: AC 1000V/Minute

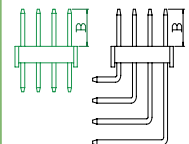
溫度範圍: -40° C to +105° C

Temperture Range: -40° C to +105° C



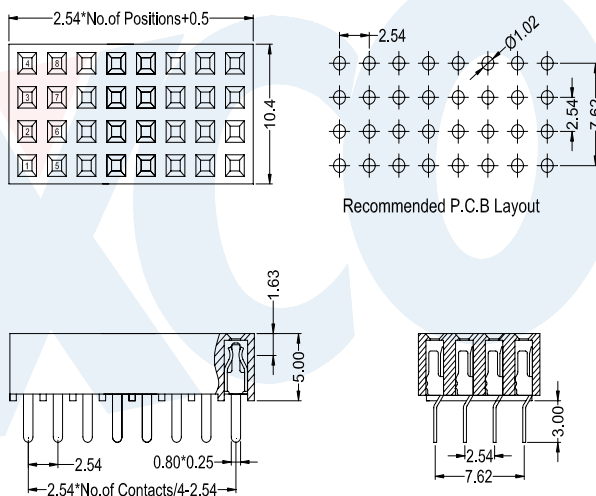
F150-14XXXXXSUX1

Mating With/配對公座:  
P125



F

FEMALE HEADER



F 150 - 14

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:

B: PA6T

C: PA9T

D: LCP

S

U

X

Packing

A: PE Bag

B: Tape & Reel

C: Tube

D: Tube+CAP

E: Tray

1

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TEL: +886 3313 2933

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## 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: 磷銅

Contact: Phosphor Bronze

#### 2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

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 1000V/分钟

Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

Temperature Range: -40° C to +105° C

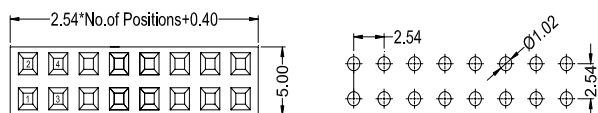
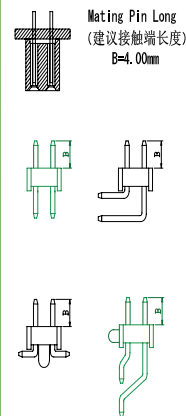
F157-12XXXXXXSYX1

F157-12XXXXXXRYX1

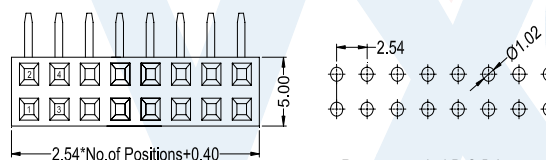
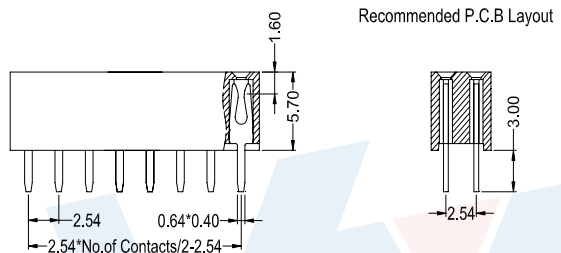
F157-12XXXXXXMYX1

F157-12XXXXXXMYX2

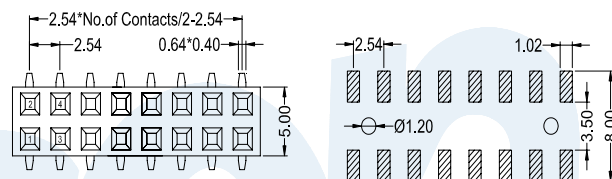
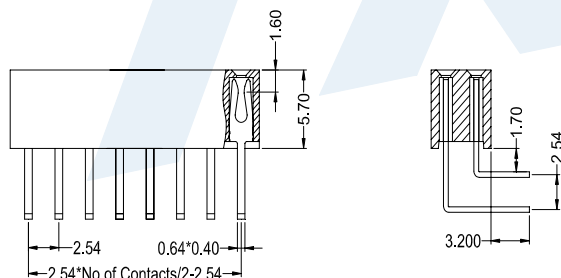
Mating With/ 配對公座:  
P110/P115/P117/P120/P125  
P128/P130/P143/P174



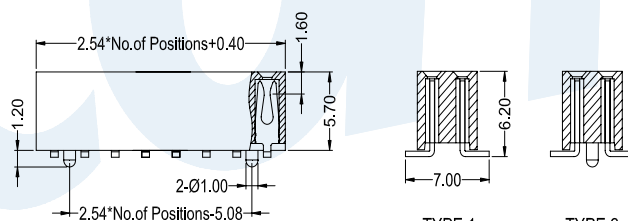
Recommended P.C.B Layout



Recommended P.C.B Layout



Recommended P.C.B Layout



TYPE 1

TYPE 2

F  
FEMALE HEADER

**F 157-12**

**XX**

**XX**

**X**

**X**

**Y**

**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:**

B:PA6T  
C:PA9T  
D:LCP

**Contact Shape:**

S: Straight  
R: Right Angle  
M: SMT

**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: 磷銅

Contact: Phosphor Bronze

2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

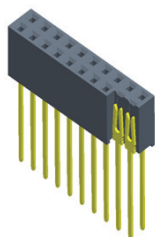
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

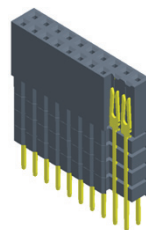
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

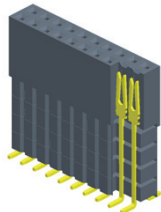
Temperature Range: -40° C to +105° C



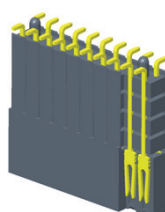
F157-12XXXXSYX2



F157-52XXXXSYX1

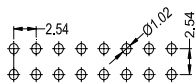
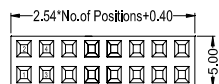
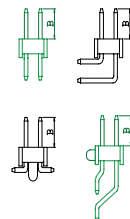
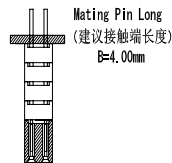


F157-52XXXXMYX1

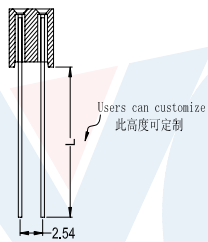
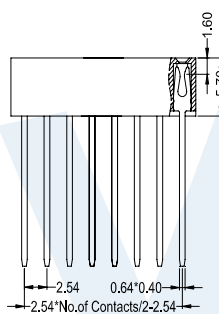


F157-52XXXXMYX2

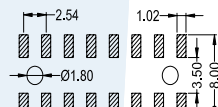
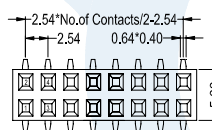
Mating With/配對公座:  
P110/P115/P117/P120/P125  
P128/P130/P143/P174



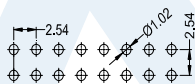
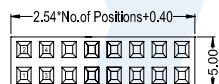
Recommended P.C.B Layout



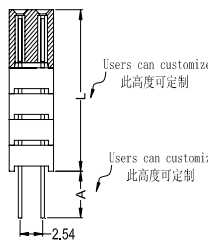
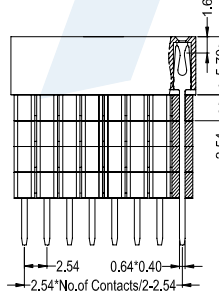
Users can customize  
此高度可定制



Recommended P.C.B Layout

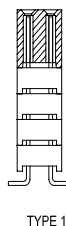
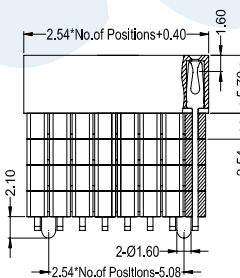


Recommended P.C.B Layout

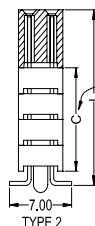


Users can customize  
此高度可定制

Users can customize  
此高度可定制



TYPE 1



TYPE 2

Users can customize  
此高度可定制

F 157 - 12

F 157 - 22

F 157 - 32

F 157 - 42

F 157 - 52

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:

B:PA6T

C:PA9T

D:LCP

X

Contact Shape:

S:Straight

M:SMT

Y

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)

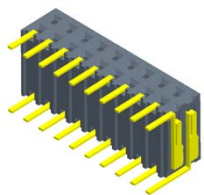
#### 1. 材料 (Material)

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: 磷銅

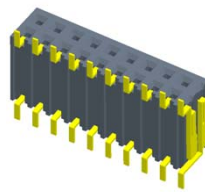
Contact: Phosphor Bronze

#### 2. 特性 (characteristics):

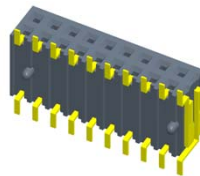
額定電流: 3.00AMP  
Rating Current: 3.00AMP  
接觸阻抗: 20mΩ Max  
Contact Resistance: 20mΩ Max  
絕緣阻抗: 1000MΩ Min  
Insulating Resistance: 1000 MΩ Min  
耐電壓: AC 1000V/分钟  
Withstanding Voltage: AC 1000V/Minute  
溫度範圍: -40° C to +105° C  
Temperture Range: -40° C to +105° C



F159-12XXXXXRUX1

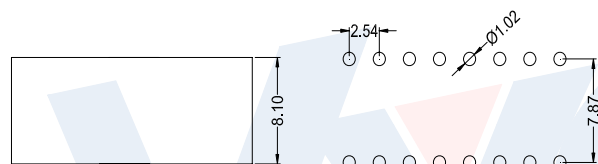
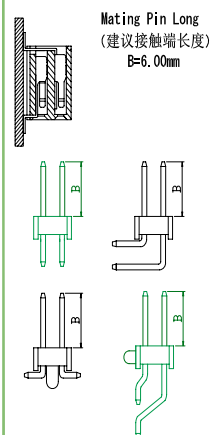


F159-12XXXXXMUX1

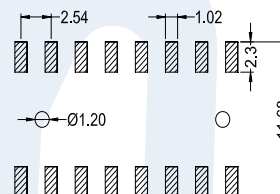
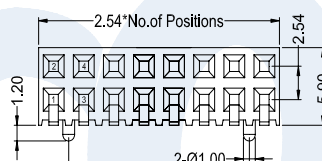
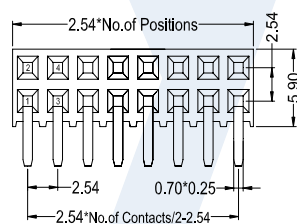


F159-12XXXXMUX2

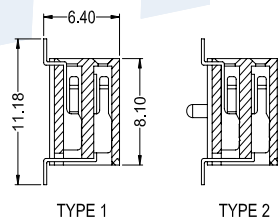
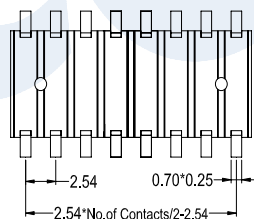
Mating With/配對公座:  
P110/P115/P117/P120/P125  
P128/P130/P143/P174



Recommended P.C.B Layout



Recommended P.C.B Layout



TYPE 1

TYPE 2

F  
FEMALE HEADER

**F 159-12**

**XX**

**XX**

**X**

**X**

**U**

**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:  
B: PA6T  
C: PA9T  
D: LCP

Contact Shape:  
R: Right Angle  
M: SMT

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

Journal Number  
1: Type1  
2: Type2

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E-mail: [yx@yxcon.com](mailto: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: 磷銅

Contact: Phosphor Bronze

2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

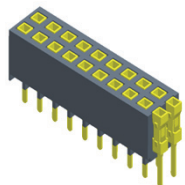
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

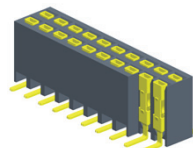
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

Temperture Range: -40° C to +105° C



F160-12XXXXXSQX1  
F168-12XXXXXSQX1

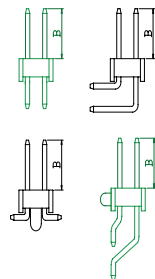


F160-12XXXXXMQX1  
F168-12XXXXXMQX1

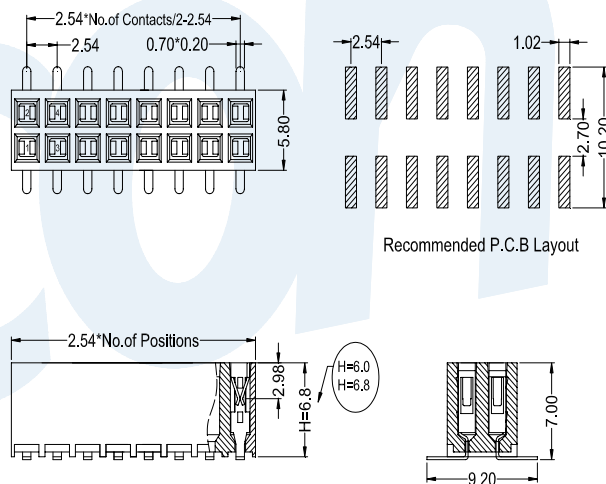
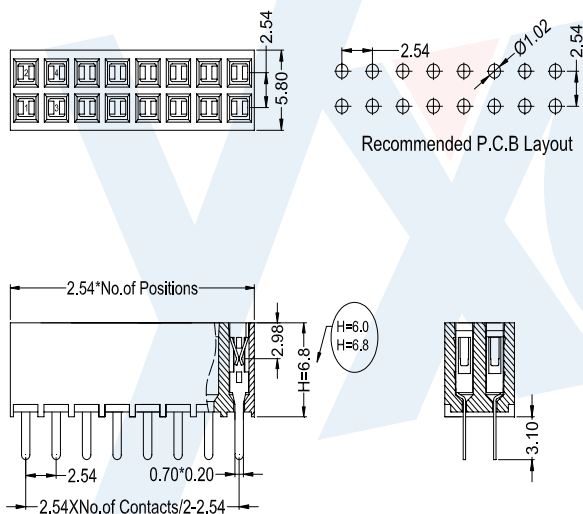
Mating With/配對公座:  
P110/P115/P117/P120/P125  
P128/P130/P143/P174



Mating Pin Long  
(建議接觸端長度)  
B=4.70/5.50mm



FEMALE HEADER



**F 160 - 12**

**F 168 - 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" B9=30U"

S1=Ordinary Tin Plated

S2=Matte Tin Plated

S3=Tin-plated High-temperature

**X**

Insulator Material:

B: PA6T  
C: PA9T  
D: LCP

**X**

Contact Shape:

S: Straight  
M: SMT

**Q**

Packing

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

**X**

**1**

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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 B190  
Housing: PA9T/LCP+30%G. F UL94V-0, Color: Black  
端子: 磷銅

Contact: Phosphor Bronze

#### 2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

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 1000V/分鐘

Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

Temperature Range: -40° C to +105° C

Mating With (配)  
B190

F168-12XXXXXSQX2

Mating With (配)  
B190

F168-12XXXXXMQX2

Mating With (配)  
B190

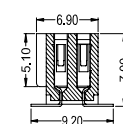
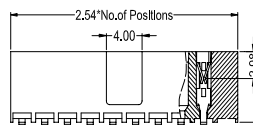
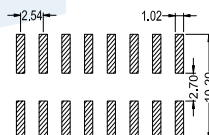
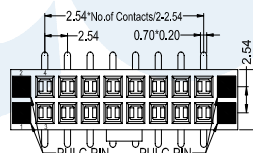
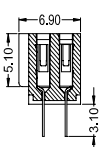
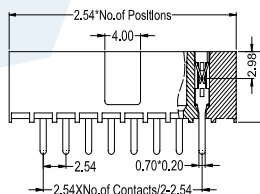
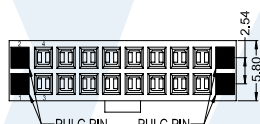
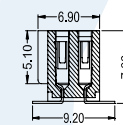
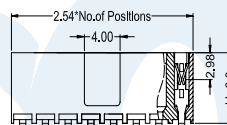
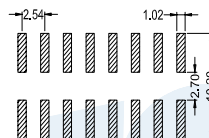
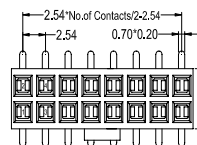
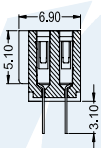
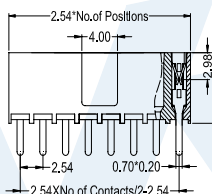
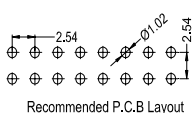
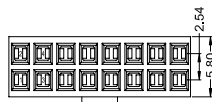
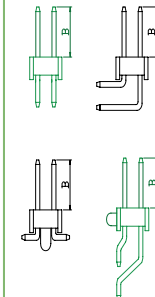
F168-12XXXXXSQX3

Mating With (配)  
B190

F168-12XXXXXMQX3

Mating With / 配對公座:  
P110/P115/P117/P120/P125  
P128/P130/P143/P174/B190

Mating Pin Long  
(建議接觸端長度)  
L=6.50mm



F168-12

XX

XX

X

X

Q

X

X

No. Of Pins Per Row  
02~40P

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

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

Contact Shape:  
S: Straight  
M: SMT

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

Journal Number  
2: Type2  
3: Type3

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

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F  
FEMALE HEADER

## 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: 磷銅

Contact: Phosphor Bronze

2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

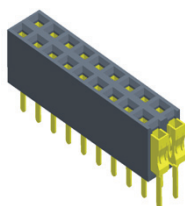
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

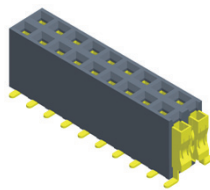
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

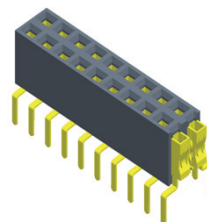
Temperture Range: -40° C to +105° C



F169-12XXXXXSQX1

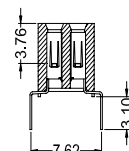
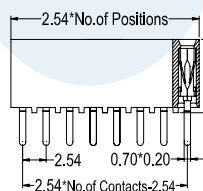
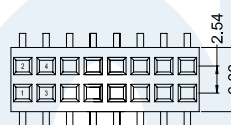
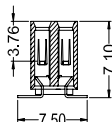
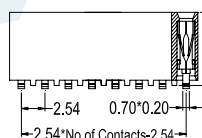
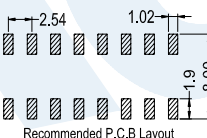
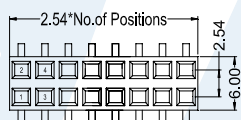
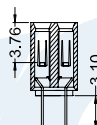
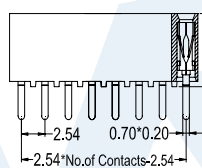
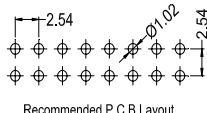
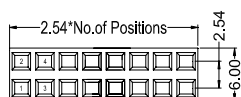
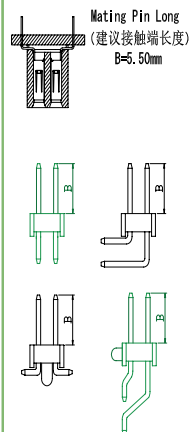


F169-12XXXXXMQX1



F169-12XXXXXWQX1

Mating With/配對公座:  
P110/P115/P117/P120/P125  
P128/P130/P143/P174



**F 169 - 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" B9=30U"  
S1=Ordinary Tin Plated  
S2=Matte Tin Plated  
S3=Tin-plated High-temperature

**X**

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

**X**

**Contact Shape:**  
S: Straight  
M: SMT  
W: Bottom Entry

**Q**

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

**X**

**1**

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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: 磷銅

Contact: Phosphor Bronze

#### 2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

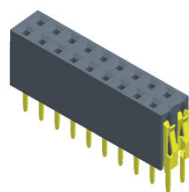
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

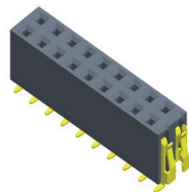
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

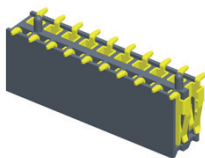
Temperture Range: -40° C to +105° C



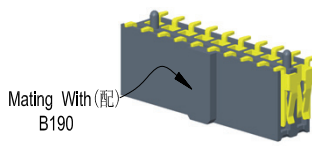
F171-12XXXXXSUX1



F171-12XXXXXMUX1

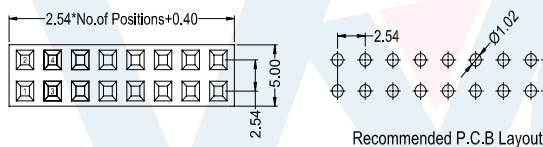
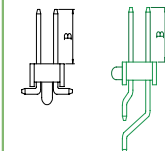
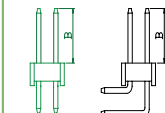


F171-12XXXXXMUX2

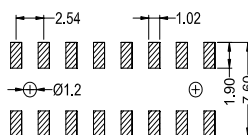
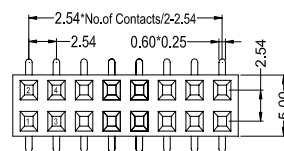
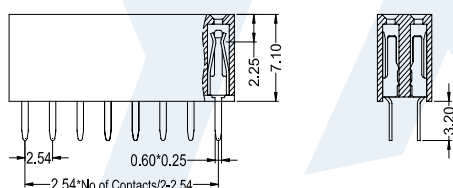


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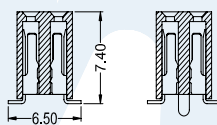
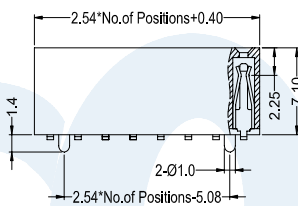
Mating With/配對公座:  
P110/P115/P117/P120/P125  
P128/P130/P143/P174/B190



Recommended P.C.B Layout

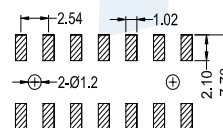
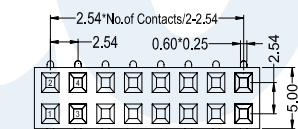


Recommended P.C.B Layout

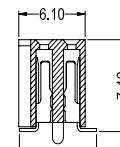
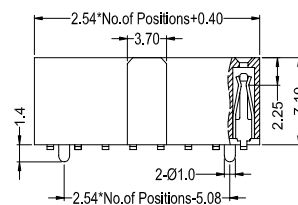


TYPE 1

TYPE 2



Recommended P.C.B Layout



TYPE 3

FEMALE HEADER

**F 171 - 12**

**XX**

**XX**

**X**

**X**

**U**

**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:  
B:PA6T  
C:PA9T  
D:LCP

Contact Shape:  
S:Straight  
M:SMT

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

Journal Number  
1:Type1  
2:Type2  
3:Type3

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## 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: 磷銅

Contact: Phosphor Bronze

2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

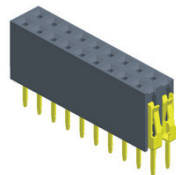
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

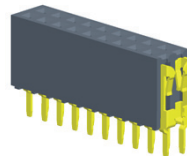
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

Temperture Range: -40° C to +105° C

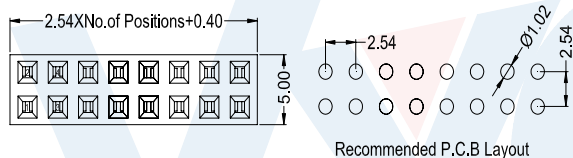
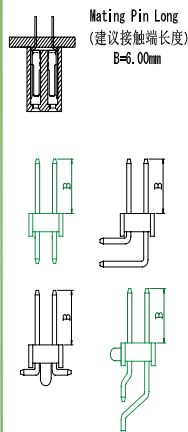


F171-12XXXXXSFX1

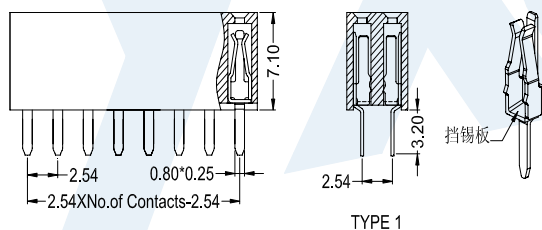


F171-12XXXXXSFX2

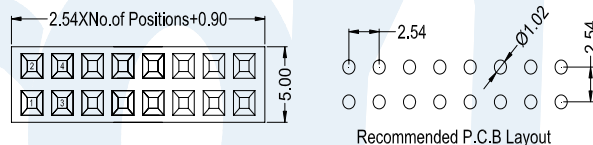
Mating With/配對公座:  
P110/P115/P117/P120/P125  
P128/P130/P143/P174



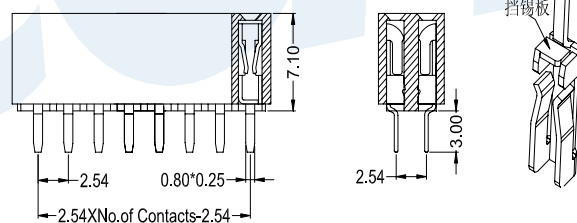
Recommended P.C.B Layout



TYPE 1



Recommended P.C.B Layout



TYPE 2

**F 171 - 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" B9=30U"  
S1=Ordinary Tin Plated  
S2=Matte Tin Plated  
S3=Tin-plated High-temperature

**X**

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

**S**

**F**

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

**X**

Journal Number  
1:Type 1  
2:Type 2

**X**

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## 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: 磷銅

Contact: Phosphor Bronze

2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

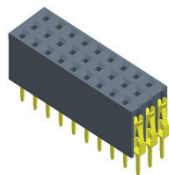
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

Withstanding Voltage: AC 1000V/Minute

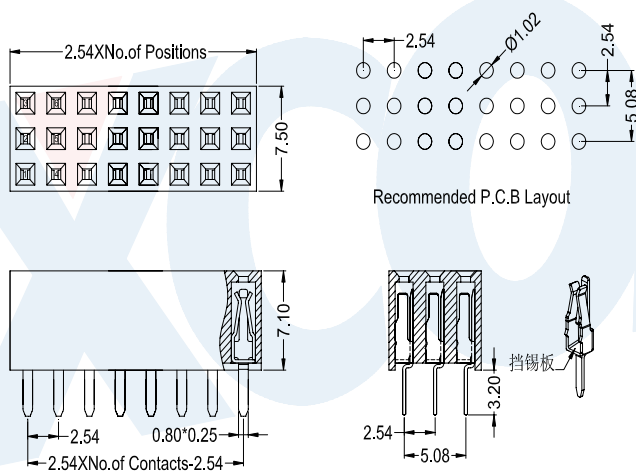
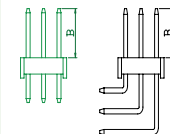
溫度範圍: -40° C to +105° C

Temperture Range: -40° C to +105° C



F171-13XXXXXSFX1

Mating With/配對公座:  
P125



F  
FEMALE HEADER

F 171-13

XX

XX

X

S

F

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:  
B:PA6T  
C:PA9T  
D:LCP

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

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

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

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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: 磷銅

Contact: Phosphor Bronze

2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

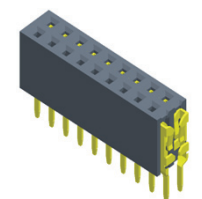
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

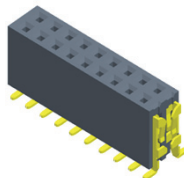
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

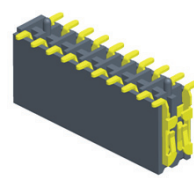
Temperture Range: -40° C to +105° C



F172-12XXXXXSUX1



F172-12XXXXXMUX1



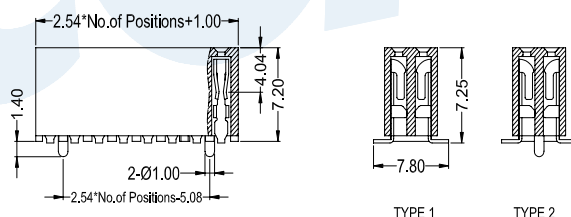
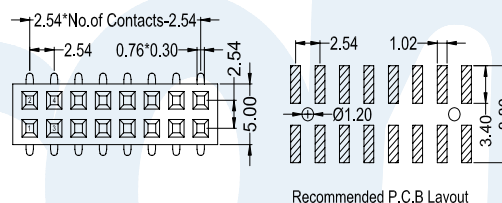
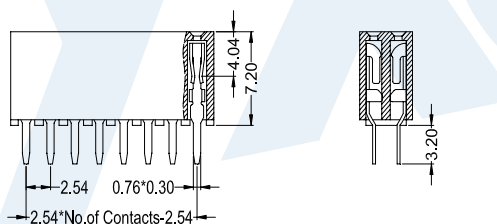
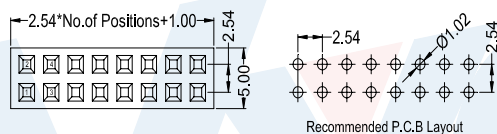
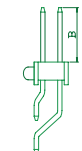
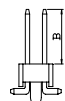
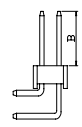
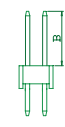
F172-12XXXXXMUX2



Mating With/配對公座:  
P110/P115/P117/P120/P125  
P128/P130/P143/P174



Mating Pin Long  
(建議接觸端長度)  
B=0.00mm



**F 1 7 2 - 1 2**

**X X**

No.Of Pins  
Per Row  
02~40P

**X X**

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:

B: PA6T

C: PA9T

D: LCP

**X**

Contact Shape:

S: Straight

M: SMT

**U**

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: 磷銅

Contact: Phosphor Bronze

#### 2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

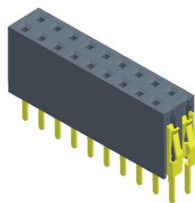
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

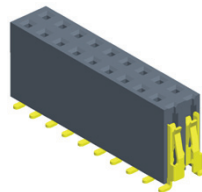
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

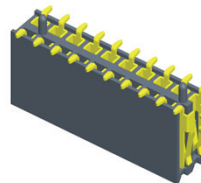
Temperature Range: -40° C to +105° C



F175-12XXXXXSUX1



F175-12XXXXXMUX1

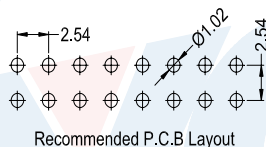
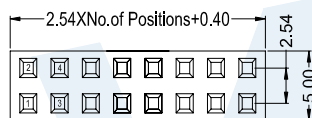
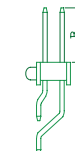
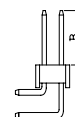


F175-12XXXXXMUX2

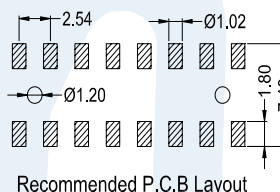
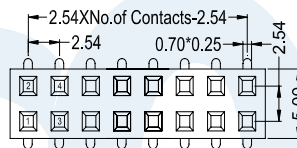
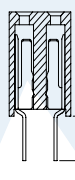
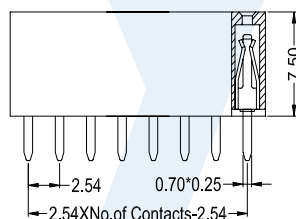


Mating With/配對公座:  
P110/P115/P117/P120/P125  
P128/P130/P143/P174

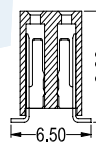
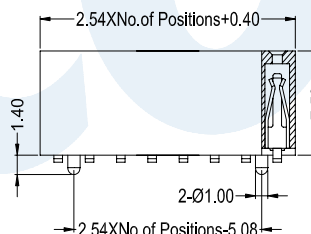
Mating Pin Long  
(建議接觸端長度)  
B=6.00mm



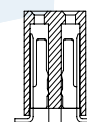
Recommended P.C.B Layout



Recommended P.C.B Layout



TYPE 1



TYPE 2

F  
FEMALE HEADER

F 175-12

XX

XX

X

X

U

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:  
B:PA6T  
C:PA9T  
D:LCP

Contact Shape:  
S: Straight  
M: SMT

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

Journal Number  
1: Type1  
2: Type2

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## 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: 磷銅

Contact: Phosphor Bronze

2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

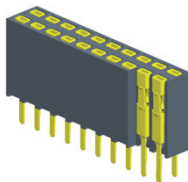
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

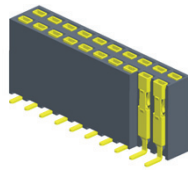
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

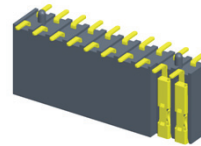
Temperture Range: -40° C to +105° C



F184-12XXXXXSQX1

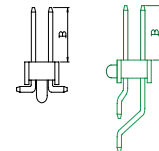
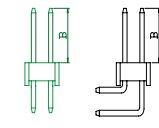


F184-12XXXXXMqx1

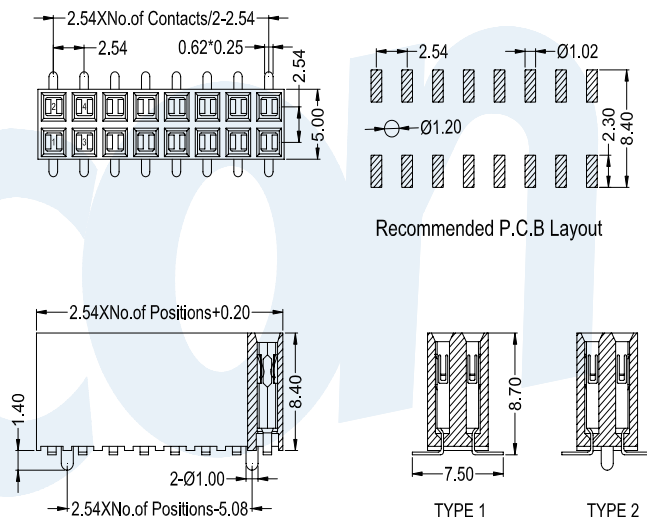
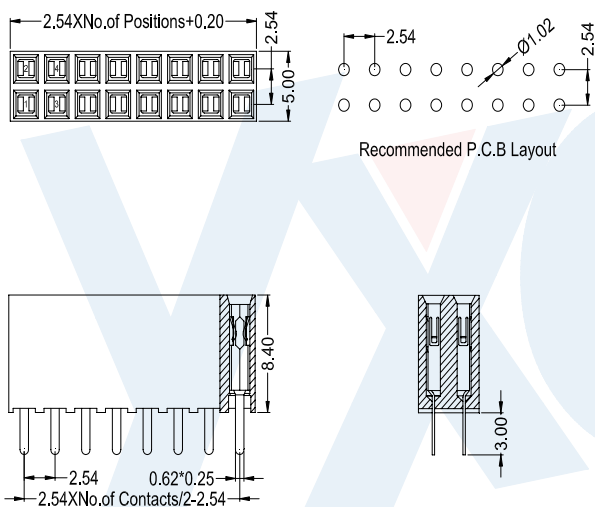


F184-12XXXXXMqx2

Mating With/配對公座:  
P110/P115/P117/P120/P125  
P128/P130/P143/P174



FEMALE HEADER



F 1 8 4 - 1 2

X X

X X

X

X

Q

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:

B: PA6T C: PA9T D: LCP

Contact Shape:

S: Straight M: SMT

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: 磷銅

Contact: Phosphor Bronze

#### 2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

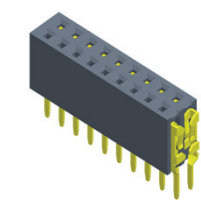
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

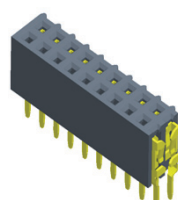
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

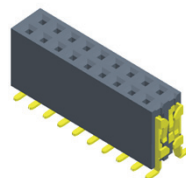
Temperature Range: -40° C to +105° C



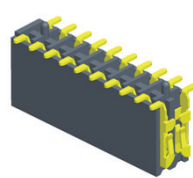
F185-12XXXXXSUX1



F185-12XXXXXSUX2



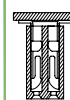
F185-12XXXXXMUX1



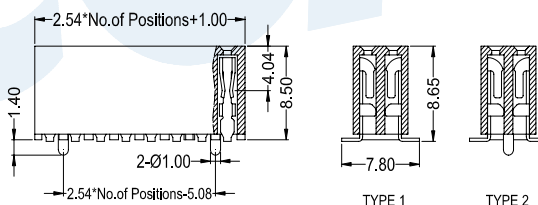
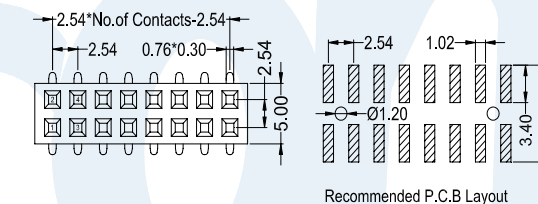
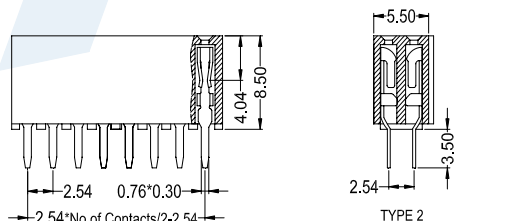
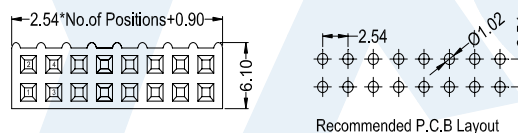
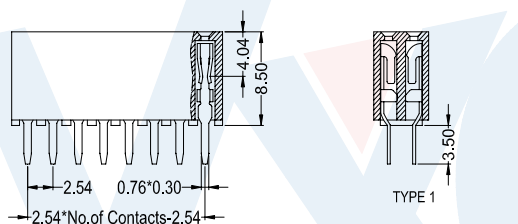
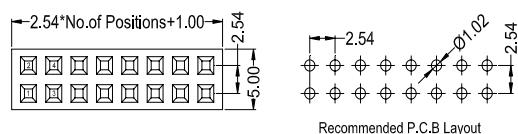
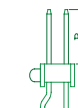
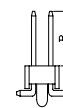
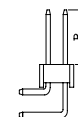
F185-12XXXXXMUX2

Mating With/配對公座:

P110/P115/P117/P120/P125  
P128/P130/P143/P174



Mating Pin Long  
(建議接觸端長度)  
B=6.00mm



F  
FEMALE HEADER

**F 185 - 12**

**XX**

**XX**

**X**

**X**

**U**

**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:  
B:PA6T  
C:PA9T  
D:LCP

Contact Shape:  
S: Straight  
M: SMT

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

Journal Number  
1: Type1  
2: Type2

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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: 磷銅

Contact: Phosphor Bronze

2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

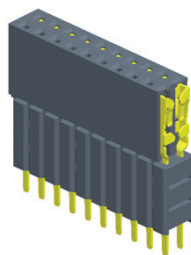
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

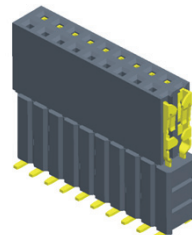
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

Temperture Range: -40° C to +105° C

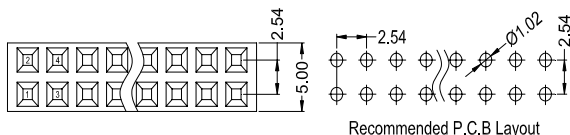
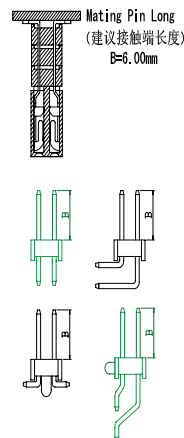


F185-X2XXXXXSUX1

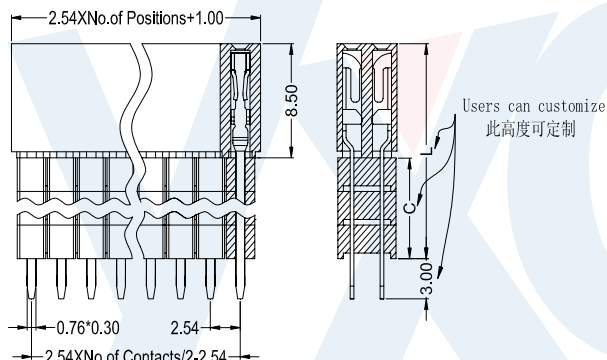


F185-X2XXXXXMUX1

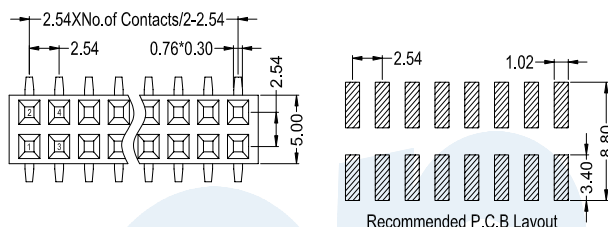
Mating With/配對公座:  
P110/P115/P117/P120/P125  
P128/P130/P143/P174



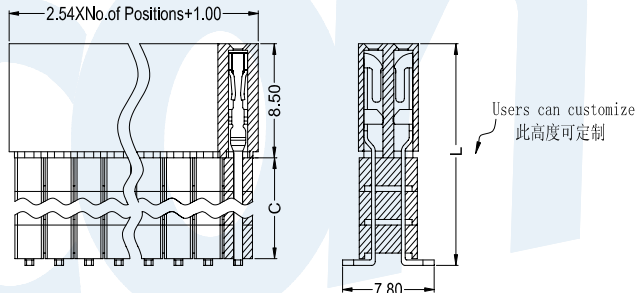
Recommended P.C.B Layout



| PART NO          | DIM "C" | DIM "L" |
|------------------|---------|---------|
| F185-21XXXXXSUX1 | 2.5     | 11.0    |
| F185-31XXXXXSUX1 | 5.0     | 13.5    |
| F185-41XXXXXSUX1 | 7.5     | 16.0    |



Recommended P.C.B Layout



| PART NO          | DIM "C" | DIM "L" |
|------------------|---------|---------|
| F185-21XXXXXMUX1 | 2.5     | 11.4    |
| F185-31XXXXXMUX1 | 5.0     | 13.9    |
| F185-41XXXXXMUX1 | 7.5     | 16.4    |

**F 1 8 5 - 2 2**  
**F 1 8 5 - 3 2**  
**F 1 8 5 - 4 2**  
**F 1 8 5 - 5 2**

**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:  
B: PA6T  
C: PA9T  
D: LCP

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

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

**1**



## 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: 磷銅

Contact: Phosphor Bronze

2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

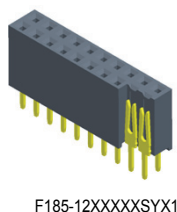
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

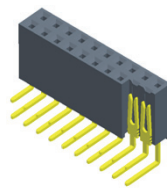
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

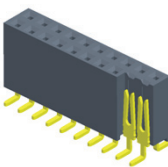
Temperture Range: -40° C to +105° C



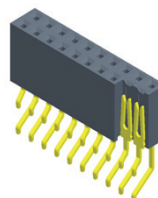
F185-12XXXXXSYX1



F185-12XXXXXRYX1

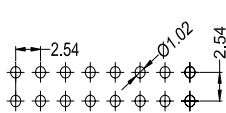
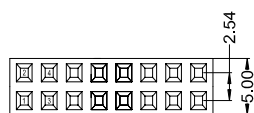
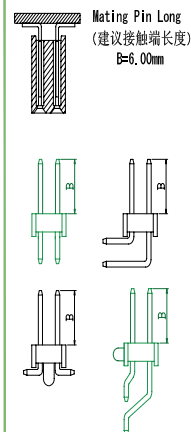


F185-12XXXXXMYX1

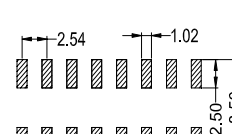
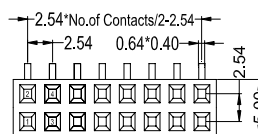
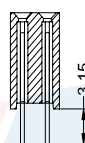
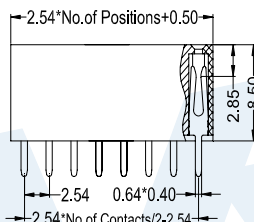


F185-12XXXXXZYX1

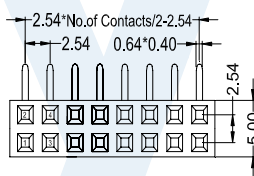
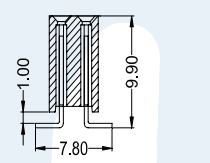
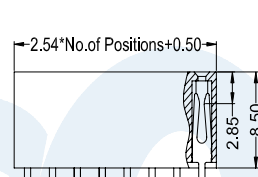
Mating With/配對公座:  
P110/P115/P117/P120/P125  
P128/P130/P143/P174



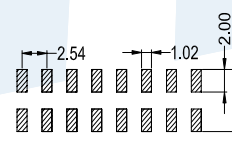
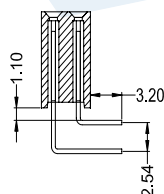
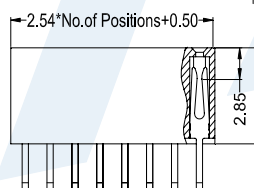
Recommended P.C.B Layout



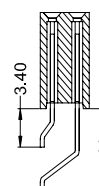
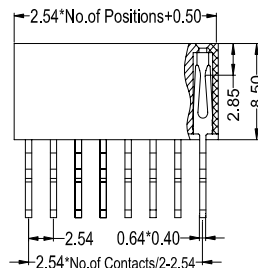
Recommended P.C.B Layout



Recommended P.C.B Layout



Recommended P.C.B Layout



**F185-12**

**XX**

**XX**

**X**

**X**

**Y**

**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

Z: 90° SMT

Packing

A: PE Bag

B: Tape & Reel

C: Tube

D: Tube+CAP

E: Tray

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## 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: 磷銅

Contact: Phosphor Bronze

#### 2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

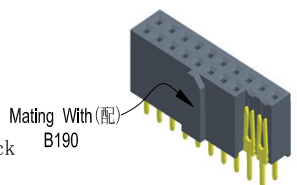
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

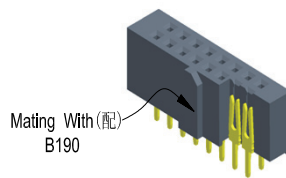
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

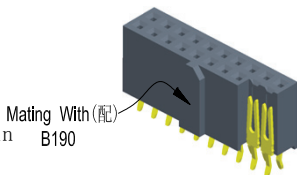
Temperture Range: -40° C to +105° C



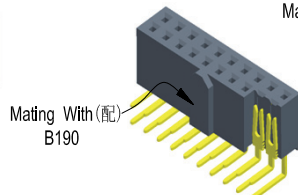
F185-12XXXXXXSYX1



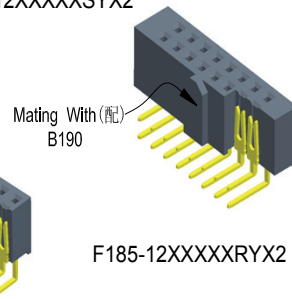
F185-12XXXXXXSYX2



F185-12XXXXXXCYX1

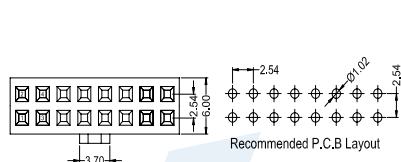
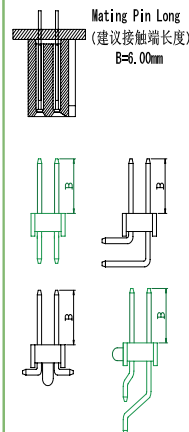


F185-12XXXXXXRYX1

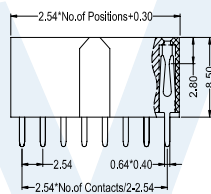


F185-12XXXXXXRYX2

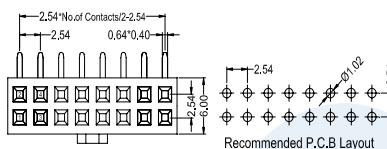
Mating With/配對公座:  
P110/P115/P117/P120/P125  
P128/P130/P143/P174/B190



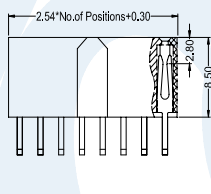
Recommended P.C.B Layout



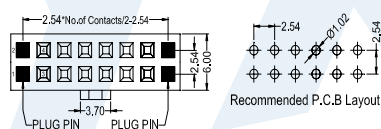
TYPE 1



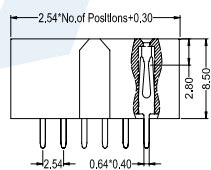
Recommended P.C.B Layout



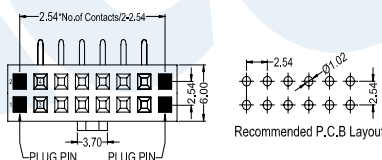
TYPE 2



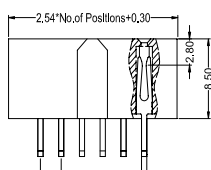
Recommended P.C.B Layout



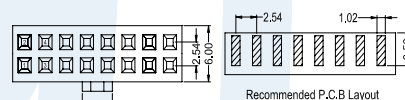
TYPE 2



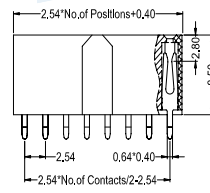
Recommended P.C.B Layout



TYPE 2



Recommended P.C.B Layout



TYPE 1

F  
FEMALE HEADER

F185 - 12

XX

XX

X

X

Y

X

X

No.Of Pins Per Row  
02~40P

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

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

Contact Shape:  
S:Straight  
R:Right Angle  
C:K Feet/Splint

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

Journal Number  
1:Type1  
2:Type2

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

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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: 磷銅

Contact: Phosphor Bronze

#### 2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

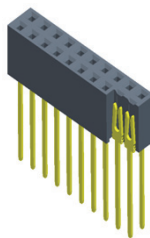
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

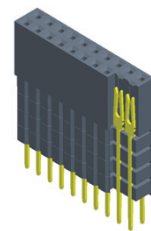
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

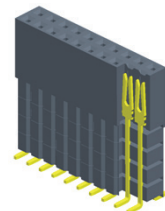
Temperture Range: -40° C to +105° C



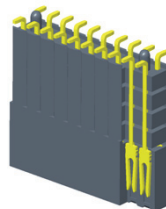
F185-12XXXXXSYX2



F185-52XXXXXSYX1



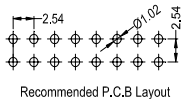
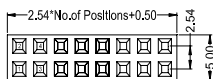
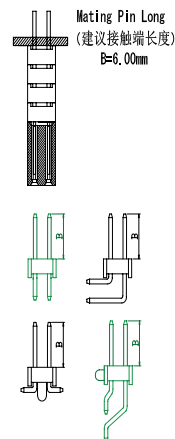
F185-52XXXXXMYX1



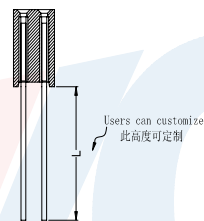
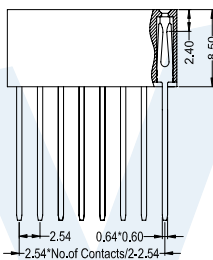
F185-52XXXXXMYX2

Mating With/配對公座:

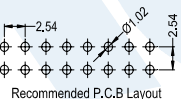
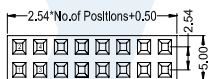
P110/P115/P117/P120/P125  
P128/P130/P143/P174



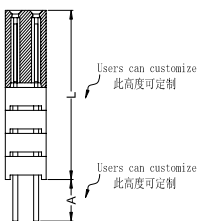
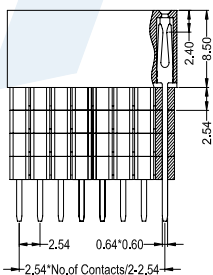
Recommended P.C.B Layout



Users can customize  
此高度可定制

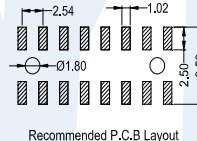
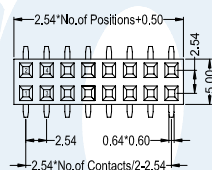


Recommended P.C.B Layout

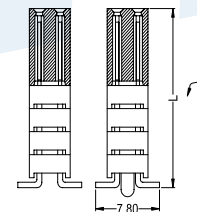
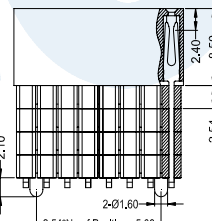


Users can customize  
此高度可定制

Users can customize  
此高度可定制



Recommended P.C.B Layout



Users can customize  
此高度可定制

F185 - 12

F185 - 22

F185 - 32

F185 - 42

F185 - 52

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  
M:SMT

Y

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)

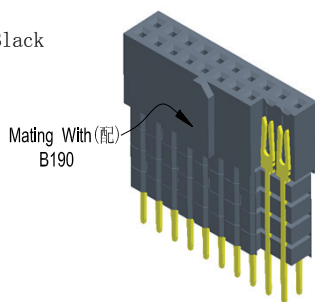
#### 1. 材料 (Material)

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: 磷銅

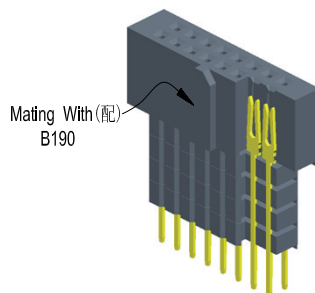
Contact: Phosphor Bronze

#### 2. 特性 (characteristics):

額定電流: 3.00AMP  
Rating Current: 3.00AMP  
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 1000V/分钟  
Withstanding Voltage: AC 1000V/Minute  
溫度範圍: -40° C to +105° C  
Temperature Range: -40° C to +105° C

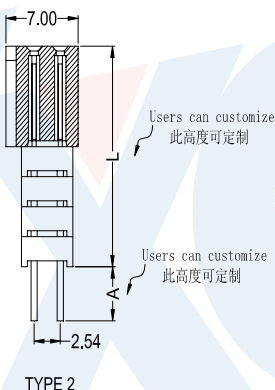
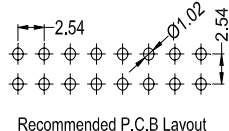
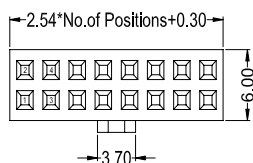
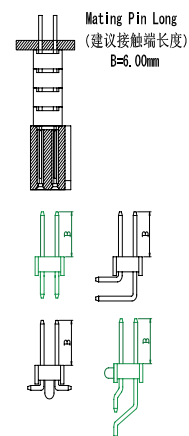


F185-52XXXXXXSYX2



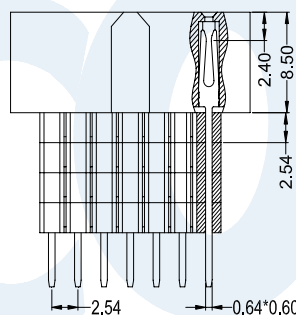
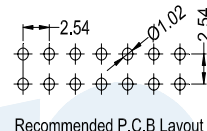
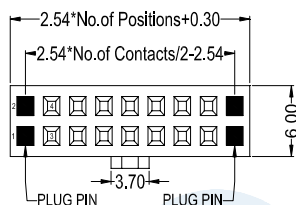
F185-52XXXXXXSYX3

Mating With/配對公座:  
P110/P115/P117/P120/P125  
P128/P130/P143/P174/B190



TYPE 2

| Layer | Dim L | Dim A     |
|-------|-------|-----------|
| 2     | 11.05 | 12.2 Max. |
| 3     | 13.59 | 9.65 Max. |
| 4     | 16.13 | 7.10 Max. |
| 5     | 18.67 | 4.60      |



TYPE 3

| Layer | Dim L | Dim A     |
|-------|-------|-----------|
| 2     | 11.05 | 12.2 Max. |
| 3     | 13.59 | 9.65 Max. |
| 4     | 16.13 | 7.10 Max. |
| 5     | 18.67 | 4.60      |

F  
FEMALE HEADER

F 185 - 22

F 185 - 32

F 185 - 42

F 185 - 52

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

S

Y

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

X

Journal Number  
2: Type2  
3: Type3

X

[Http://www.yxcon.com](http://www.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: 磷銅

Contact: Phosphor Bronze

2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

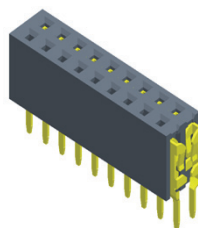
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

Temperture Range: -40° C to +105° C

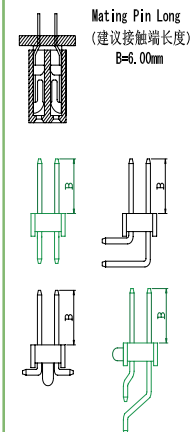


F186-12XXXXXSUX1

Mating With/配對公座:

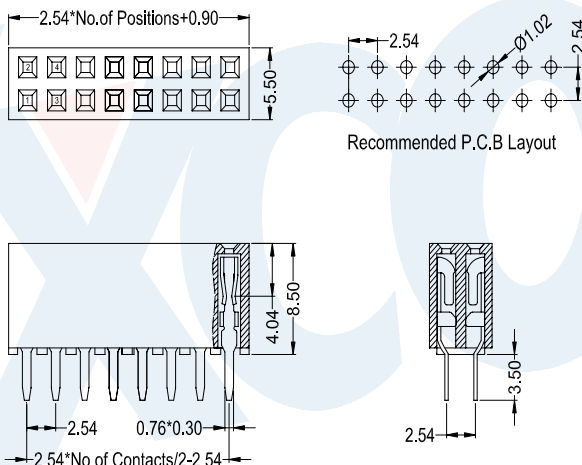
P110/P115/P117/P120/P125

P128/P130/P143/P174



F

FEMALE HEADER



F186-12

XX

XX

X

S

U

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:  
B: PA6T  
C: PA9T  
D: LCP

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

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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:磷銅

Contact:Phosphor Bronze

2. 特性 (characteristics):

額定電流:3.00AMP

Rating Current:3.00AMP

接觸阻抗:20mΩ Max

Contact Resistance:20mΩ Max

絕緣阻抗:1000MΩ Min

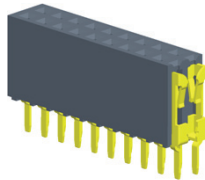
Insulating Resistance:1000 MΩ Min

耐電壓: AC 1000V/分钟

Withstanding Voltage:AC 1000V/Minute

溫度範圍: -40° C to+105° C

Temperture Range: -40° C to+105° C

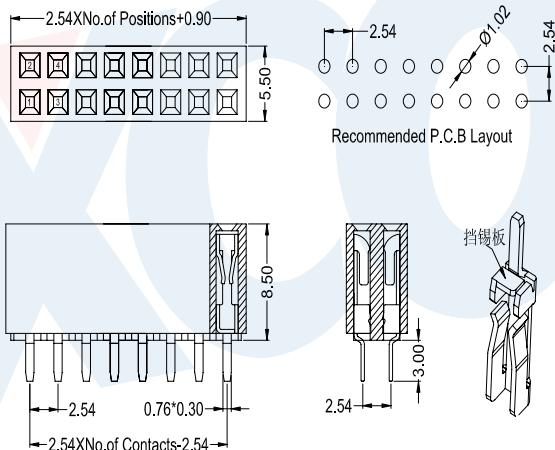
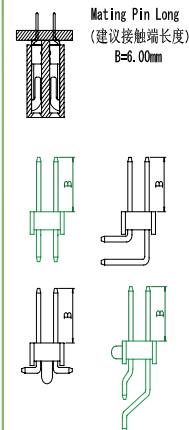


F186-12XXXXXSFX1

Mating With/配對公座:

P110/P115/P117/P120/P125

P128/P130/P143/P174



F  
FEMALE HEADER

F 186 - 12

XX

XX

X

S

F

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:  
B:PA6T  
C:PA9T  
D:LCP

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

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## 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: 磷銅

Contact: Phosphor Bronze

2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

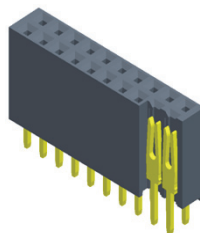
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

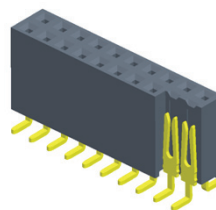
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

Temperture Range: -40° C to +105° C



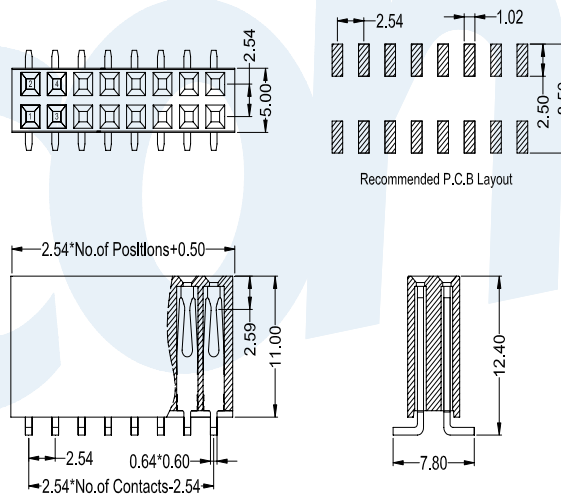
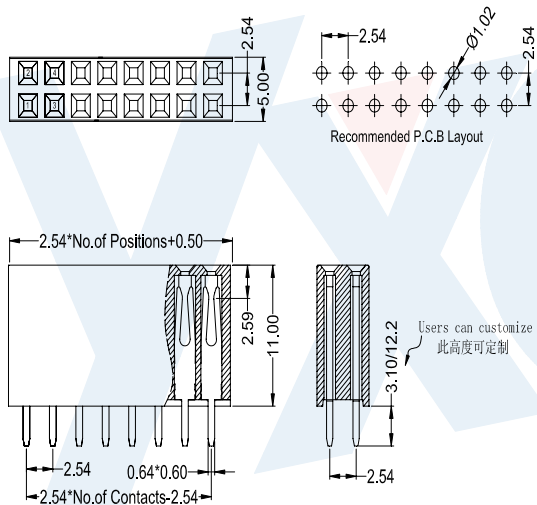
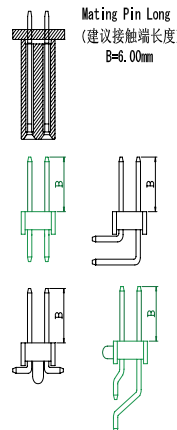
F111-12XXXXXSYX1



F111-12XXXXXMYX1



Mating With/配對公座:  
P110/P115/P117/P120/P125  
P128/P130/P143/P174



**F 1 1 1 - 1 2**

**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  
M: SMT

**Y**

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

**X**

**1**

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## 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: 磷銅

Contact: Phosphor Bronze

2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 30mΩ Max

Contact Resistance: 30mΩ Max

絕緣阻抗: 5000MΩ Min

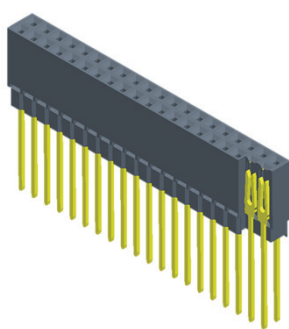
Insulating Resistance: 5000 MΩ Min

耐電壓: AC 1000V/分钟

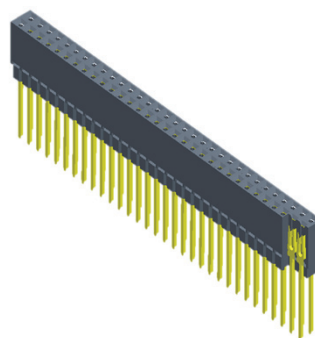
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -55° C to +105° C

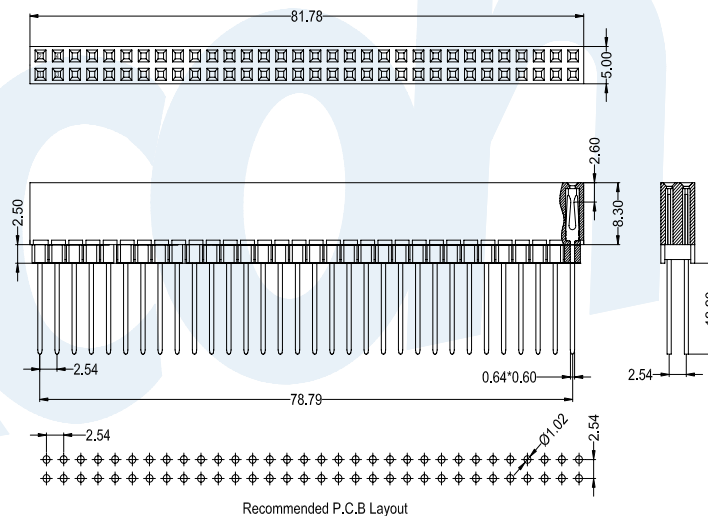
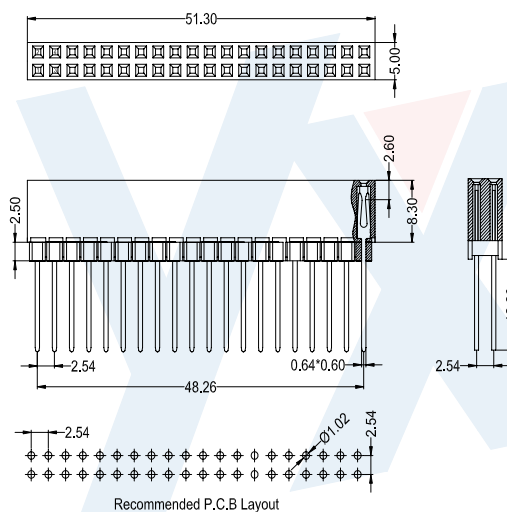
Temperture Range: -55° C to +105° C



F183-2220XXXSYX1



F183-2232XXXSYX1



FEMALE HEADER

**F183-12**

**XX**

**XX**

**X**

**S**

**Y**

**X**

**1**

**No.Of Pins Per Row**  
20:20P  
32:32P

**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

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

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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: 磷銅

Contact: Phosphor Bronze

2. 特性 (characteristics):

額定電流: 3.00AMP

Rating Current: 3.00AMP

接觸阻抗: 30mΩ Max

Contact Resistance: 30mΩ Max

絕緣阻抗: 5000MΩ Min

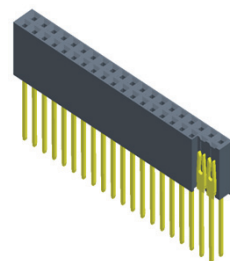
Insulating Resistance: 5000 MΩ Min

耐電壓: AC 1000V/分鐘

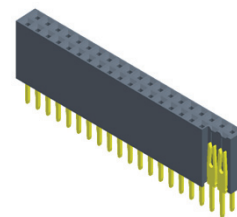
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -55° C to +105° C

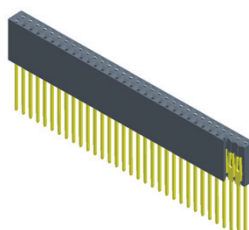
Temperture Range: -55° C to +105° C



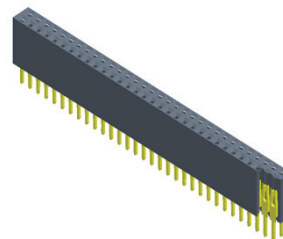
F111-1220XXXSYX1



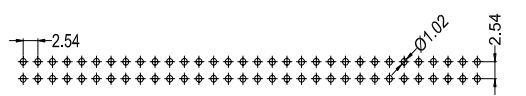
F111-1220XXXSYX2



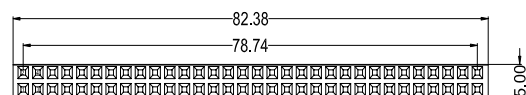
F111-1232XXXSYX1



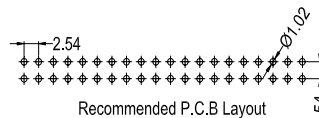
F111-1232XXXSYX2



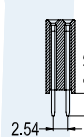
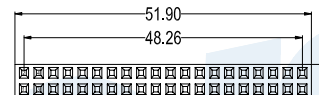
Recommended P.C.B Layout



TYPE 1



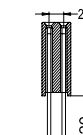
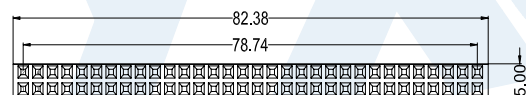
Recommended P.C.B Layout



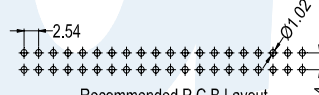
TYPE 1



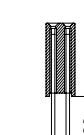
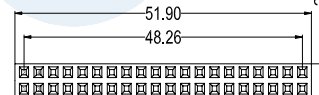
Recommended P.C.B Layout



TYPE 2



Recommended P.C.B Layout



TYPE 2

**F 1 1 1 - 1 2**

**No.Of Pins Per Row**  
20:20P  
32:32P

**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

**XX**

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

**X**

**S**

**Y**

**X**

**X**

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

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

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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:磷銅

Contact:Phosphor Bronze

#### 2. 特性(characteristics):

額定電流:3.00AMP

Rating Current:3.00AMP

接觸阻抗:30mΩ Max

Contact Resistance:30mΩ Max

絕緣阻抗:5000MΩ Min

Insulating Resistance:5000 MΩ Min

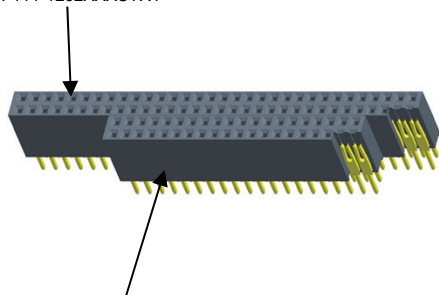
耐電壓: AC 1000V/分钟

Withstanding Voltage:AC 1000V/Minute

溫度範圍: -55° C to+105° C

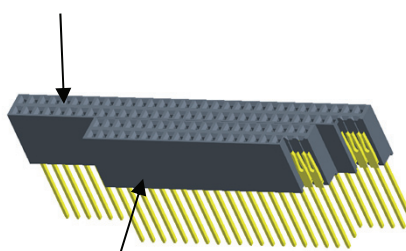
Temperture Range: -55° C to+105° C

F111-1232XXXSYX1

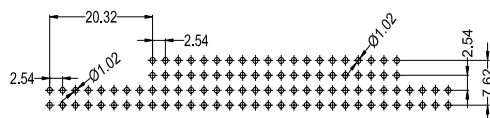


F111-1220XXXSYX1

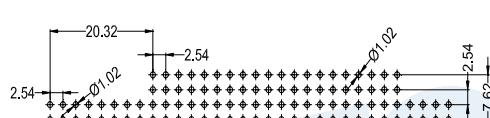
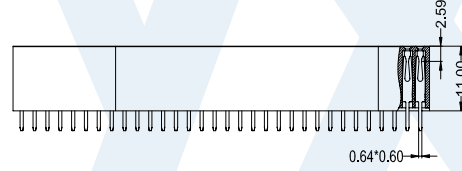
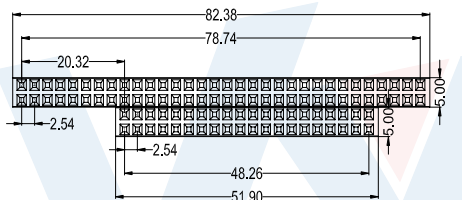
F111-1232XXXSYX2



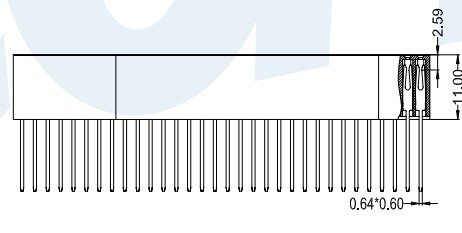
F111-1220XXXSYX2



Recommended P.C.B Layout



Recommended P.C.B Layout



♀

FEMALE HEADER

**F 1 1 1 - 1 2**

**X X**

**X X**

**X**

**S**

**Y**

**X**

**X**

**No.Of Pins Per Row**  
20:20P  
32:32P

**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

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

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

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## 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: 磷銅

Contact: Phosphor Bronze

2. 特性 (characteristics):

額定電流: 2.00AMP

Rating Current: 2.00AMP

接觸阻抗: 30mΩ Max

Contact Resistance: 30mΩ Max

絕緣阻抗: 1000MΩ Min

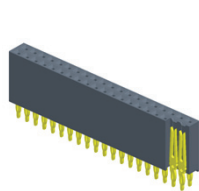
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

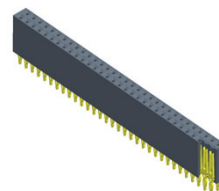
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -55° C to +105° C

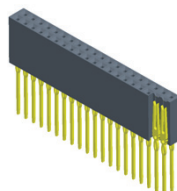
Temperture Range: -40° C to +105° C



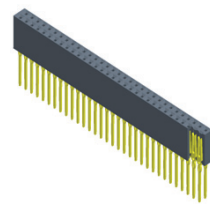
F111-1220XXXSYX3



F111-1232XXXSYX3

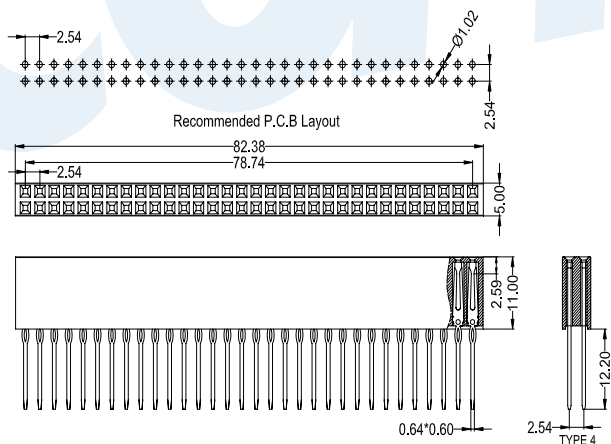
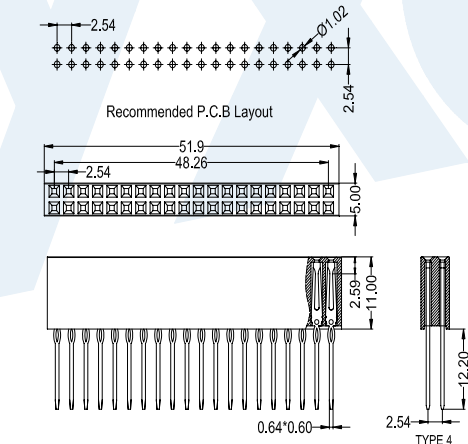
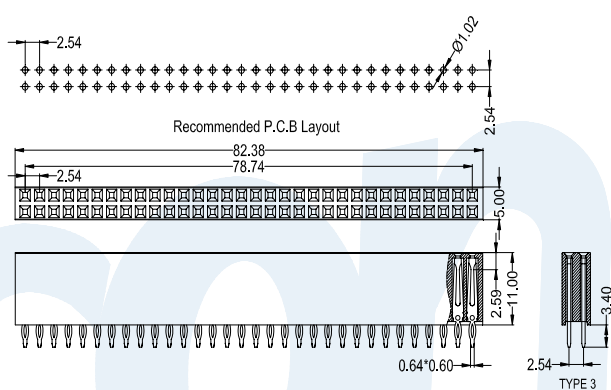
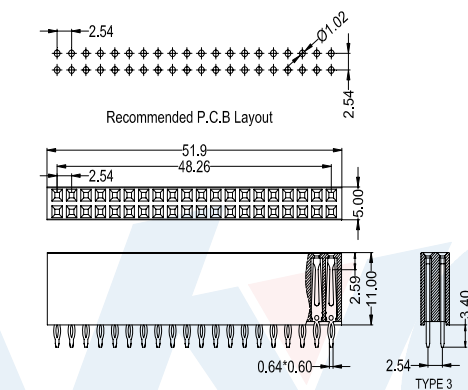


F111-1220XXXSYX4



F111-1232XXXSYX4

FEMALE HEADER



**F 1 1 1 - 1 2**

**XX**

**XX**

**X**

**S**

**Y**

**X**

**X**

**No.Of Pins Per Row**  
20:20P  
32:32P

**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

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

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

**Journal Number**  
3:Type3  
4:Type4

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## 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:磷銅

Contact:Phosphor Bronze

#### 2. 特性(characteristics):

額定電流:2.00AMP

Rating Current:2.00AMP

接觸阻抗:30mΩ Max

Contact Resistance:30mΩ Max

絕緣阻抗:1000MΩ Min

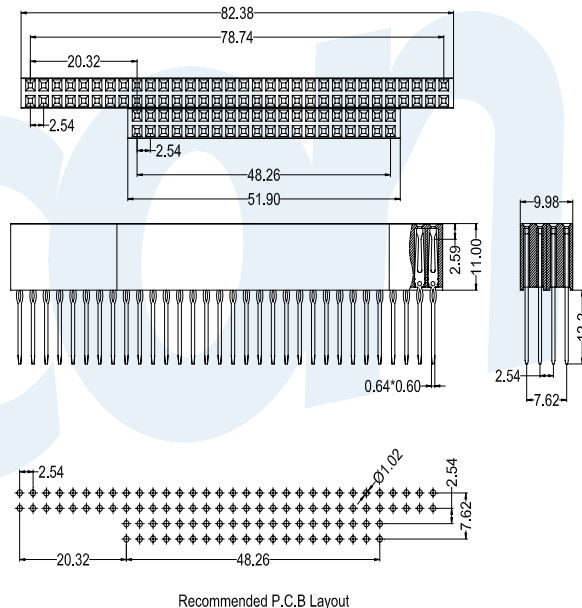
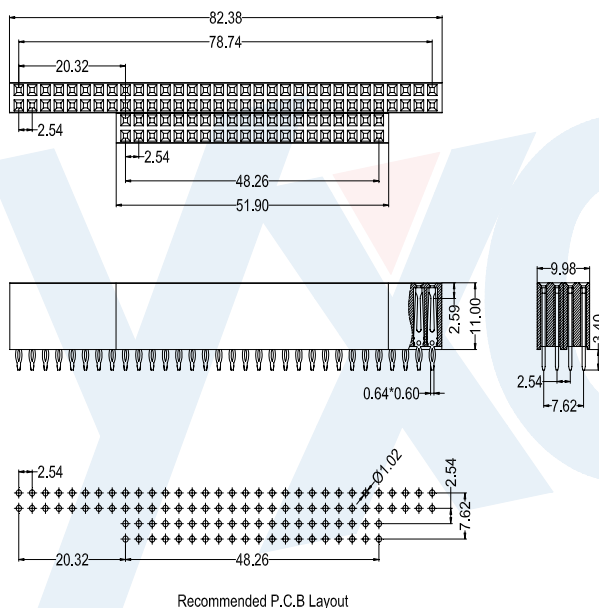
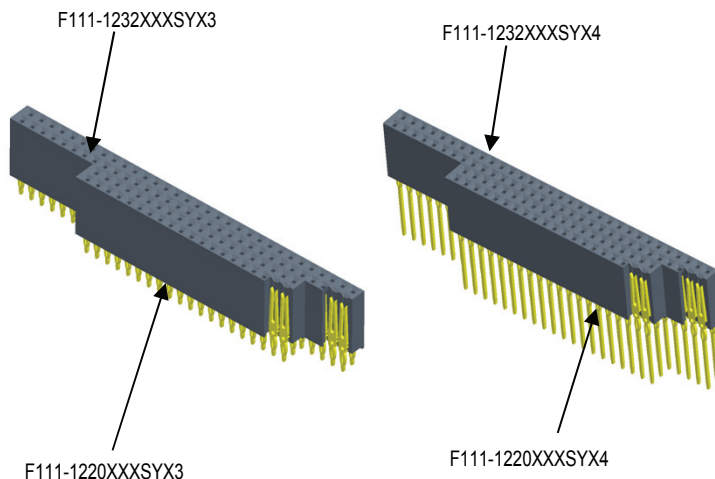
Insulating Resistance:1000 MΩ Min

耐電壓: AC 1000V/分鐘

Withstanding Voltage:AC 1000V/Minute

溫度範圍: -55° C to+105° C

Temperture Range: -55° C to+105° C



FEMALE HEADER

**F 1 1 1 - 1 2**

**X X**

**X X**

**X**

**S**

**Y**

**X**

**X**

#### No.Of Pins Per Row

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