

## Specifications

### 備注 (Remark)

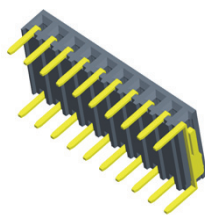
#### 1. 材料 (Material)

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

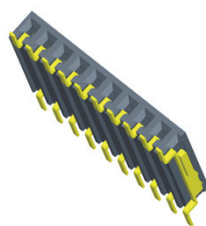
Contact: Phosphor Bronze

#### 2. 特性 (characteristics):

額定電流: 3.0AMP  
 Rating Current: 3.0AMP  
 接觸阻抗: 20mΩ Max  
 Contact Resistance: 20mΩ Max  
 絕緣阻抗: 1000MΩ Min  
 Insulating Resistance: 1000 MΩ Min  
 耐電壓: AC 1000V/分钟  
 Withstanding Voltage: AC 1000V/Minute  
 溫度範圍: -40° C to +105° C  
 Temperature Range: -40° C to +105° C

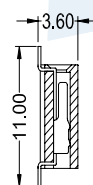
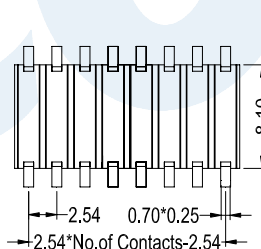
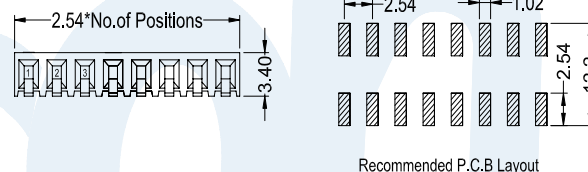
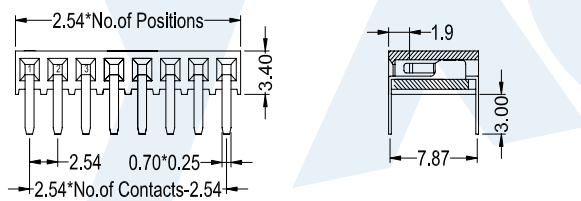
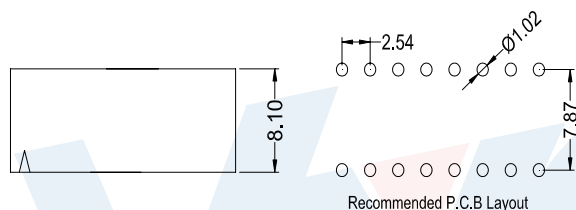
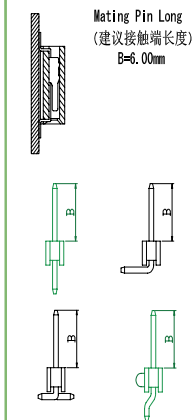


F134-11XXXXXRUX1



F134-11XXXXXMUX1

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



FEMALE HEADER

<b>F 134 - 11</b>	<b>XX</b>	<b>XX</b>	<b>X</b>	<b>X</b>	<b>U</b>	<b>X</b>	<b>1</b>
<b>No. Of Pins Per Row</b> 02~40P	<b>Contact Plating</b> Full Of Gold A0=0.8u" Semi-Gold B0=0.8U" ~ A9=30u" B9=30U" S1=Ordinary Tin Plated S2=Matte Tin Plated S3=Tin-plated High-temperature	<b>Insulator Material:</b> B:PA6T C:PA9T D:LCP	<b>Contact Shape:</b> R:Right Angle M:SMT	<b>Packing</b> A:PE Bag B:Tape & Reel C:Tube D:Tube+CAP E:Tray			

**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

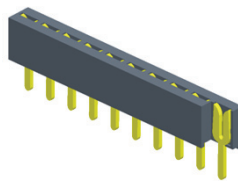
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

Withstanding Voltage: AC 1000V/Minute

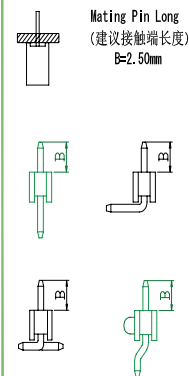
溫度範圍: -40° C to +105° C

Temperture Range: -40° C to +105° C

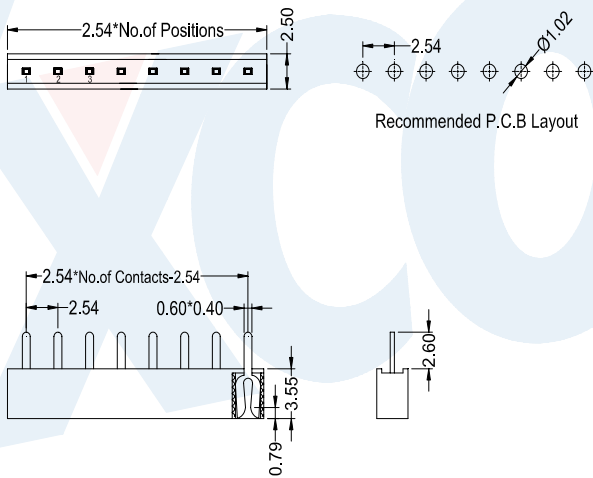


F135-11XXXXXSYX1

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



FEMALE HEADER



**F 135 - 1 1**

**XX**

**XX**

**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

## Specifications

### 備注 (Remark)

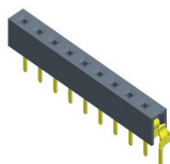
#### 1. 材料 (Material)

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

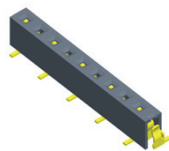
Contact: Phosphor Bronze

#### 2. 特性 (characteristics):

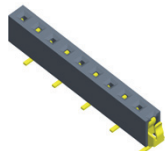
額定電流: 3.00AMP  
Rating Current: 3.00AMP  
接觸阻抗: 20mΩ Max  
Contact Resistance: 20mΩ Max  
絕緣阻抗: 1000MΩ Min  
Insulating Resistance: 1000 MΩ Min  
耐電壓: AC 1000V/分钟  
Withstanding Voltage: AC 1000V/Minute  
溫度範圍: -40° C to +105° C  
Temperature Range: -40° C to +105° C



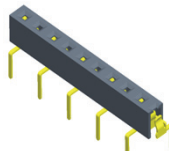
F136-11XXXXXSUX1



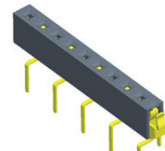
F136-11XXXXXMUX1



F136-11XXXXMUX2

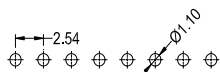
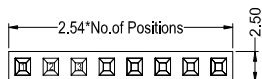
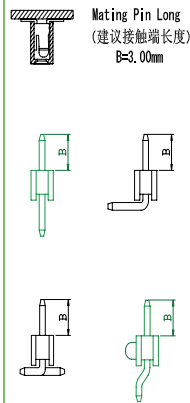


F136-11XXXXWUX1

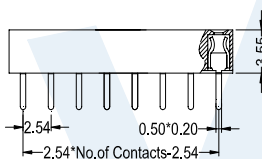


F136-11XXXXWUX2

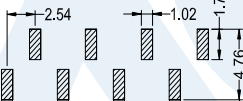
Mating With/配對公座:  
P110/P115/P117/P120/P125/P128



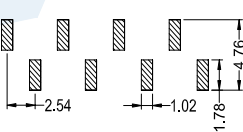
Recommended P.C.B Layout



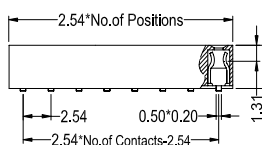
TYPE1



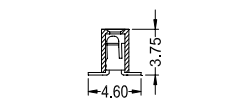
TYPE2



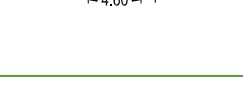
Recommended P.C.B Layout



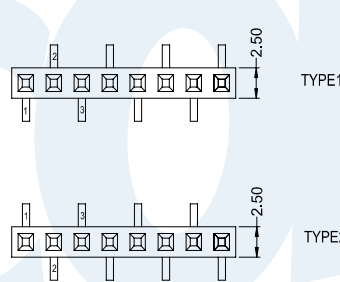
TYPE1



TYPE2

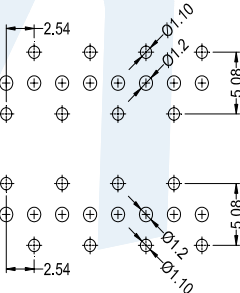


Recommended P.C.B Layout

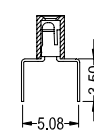
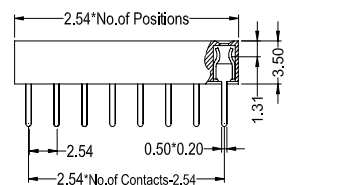


TYPE1

TYPE2



Recommended P.C.B Layout



**F 136 - 11**

**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  
W: Bottom Entry

**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

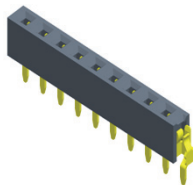
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

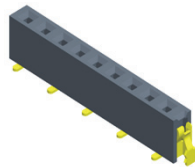
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

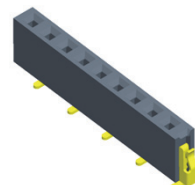
Temperature Range: -40° C to +105° C



F145-11XXXXXSUX1



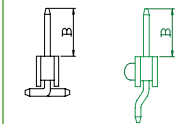
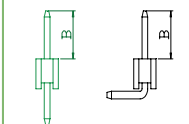
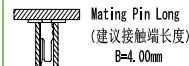
F145-11XXXXXMUX1



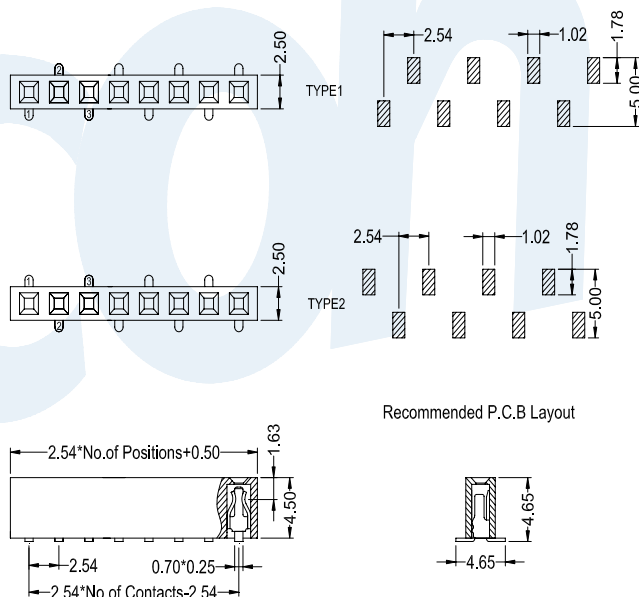
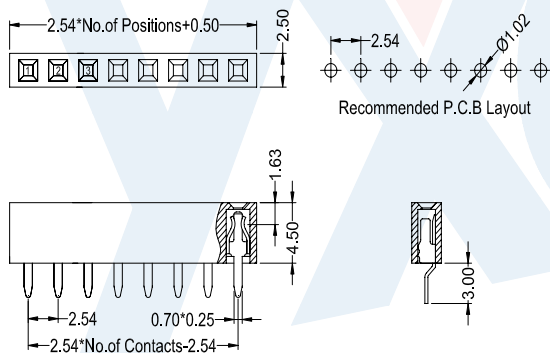
F145-11XXXXXMUX2



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



FEMALE HEADER



**F 145 - 11**

**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

**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

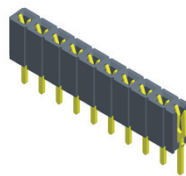
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

Withstanding Voltage: AC 1000V/Minute

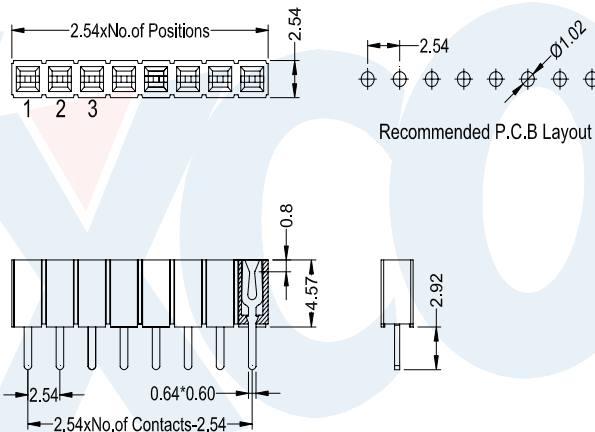
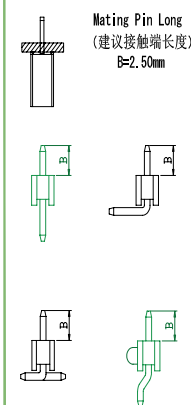
溫度範圍: -40° C to +105° C

Temperture Range: -40° C to +105° C



F145-11XXXXXSX1

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



FEMALE HEADER

F 145 - 11

XX

XX

X

S

Y

X

1

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

**Contact Plating**  
Full Of Gold    Semi-Gold  
A0=0.8u"    B0=0.8U"  
~  
A9=30u"    B9=30U"

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

**Contact Shape:**  
S: Straight

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

S1=Ordinary Tin Plated  
S2=Matte Tin Plated  
S3=Tin-plated High-temperature

**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

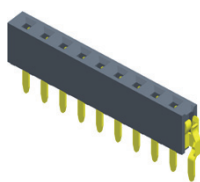
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

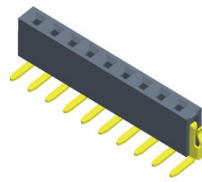
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

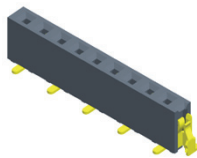
Temperture Range: -40° C to +105° C



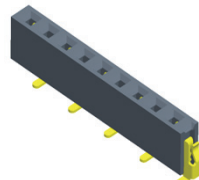
F150-11XXXXXSUX1



F150-11XXXXXRUX1

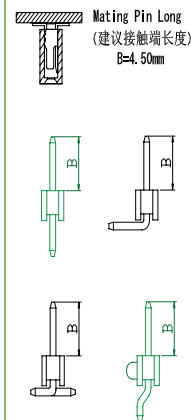


F150-11XXXXXMUX1

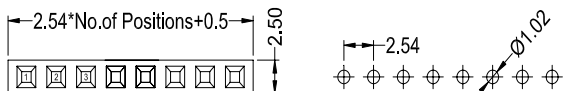


F150-11XXXXXMUX2

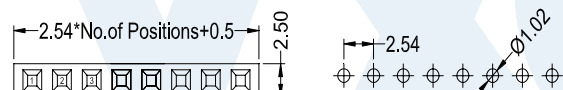
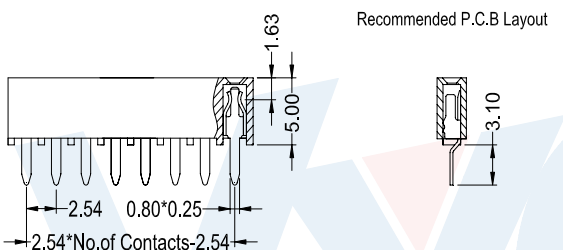
Mating With/配對公座:  
P110/P115/P117/P120/P125/P128



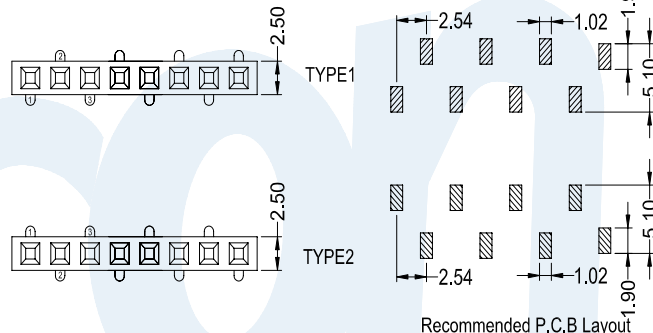
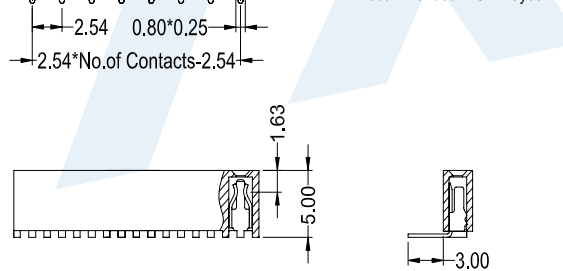
FEMALE HEADER



Recommended P.C.B Layout



Recommended P.C.B Layout



Recommended P.C.B Layout

<b>F 150 - 11</b>	<b>XX</b>	<b>XX</b>	<b>X</b>	<b>X</b>	<b>U</b>	<b>X</b>	<b>X</b>
<b>No.Of Pins Per Row</b> 02~40P	<b>Contact Plating</b> Full Of Gold A0=0.8u" Semi-Gold B0=0.8U" ~ A9=30u" B9=30U" S1=Ordinary Tin Plated S2=Matte Tin Plated S3=Tin-plated High-temperature	<b>Insulator Material:</b> B:PA6T C:PA9T D:LCP	<b>Contact Shape:</b> S: Straight R: Right Angle M: SMT	<b>Packing</b> A: PE Bag B: Tape & Reel C: Tube D: Tube+CAP E: Tray	<b>Journal Number</b> 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

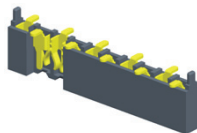
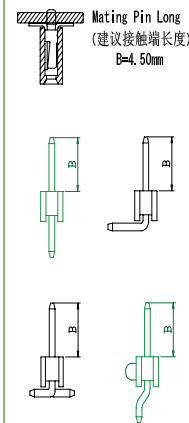
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

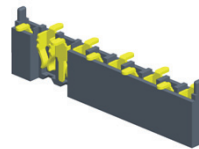
Temperature Range: -40° C to +105° C



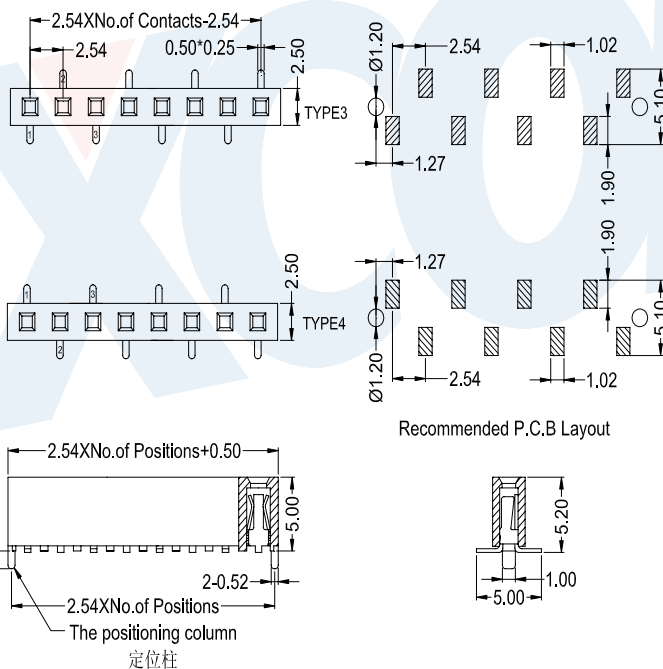
Mating With/配對公座:  
P110/P115/P117/P120/P125/P128



F150-11XXXXXMUX3



F150-11XXXXXMUX4



FEMALE HEADER

<b>F 150 - 11</b>	<b>XX</b>	<b>XX</b>	<b>X</b>	<b>M</b>	<b>U</b>	<b>X</b>	<b>X</b>
<b>No. Of Pins Per Row</b> 02~40P	<b>Contact Plating</b> Full Of Gold A0=0.8u" Semi-Gold B0=0.8U" ~ A9=30u" B9=30U" S1=Ordinary Tin Plated S2=Matte Tin Plated S3=Tin-plated High-temperature	<b>Insulator Material:</b> B: PA6T C: PA9T D: LCP			<b>Packing</b> A: PE Bag B: Tape & Reel C: Tube D: Tube+CAP E: Tray	<b>Journal Number</b> 3: Type3 4: Type4	

**Specifications**

備注 (Remark)

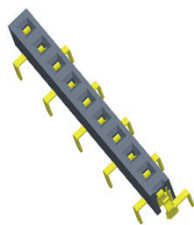
1. 材料 (Material)

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

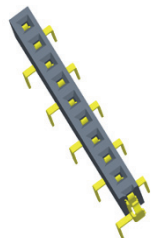
Contact: Phosphor Bronze

2. 特性 (characteristics):

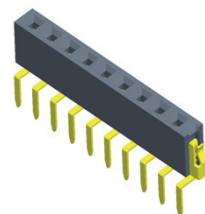
額定電流: 3.00AMP  
 Rating Current: 3.00AMP  
 接觸阻抗: 20mΩ Max  
 Contact Resistance: 20mΩ Max  
 絕緣阻抗: 1000MΩ Min  
 Insulating Resistance: 1000 MΩ Min  
 耐電壓: AC 1000V/分鐘  
 Withstanding Voltage: AC 1000V/Minute  
 溫度範圍: -40° C to +105° C  
 Temperature Range: -40° C to +105° C



F150-11XXXXXWUX1

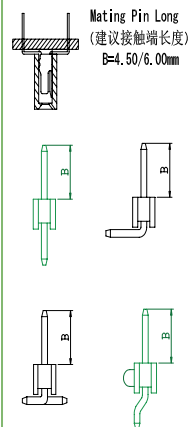


F150-11XXXXXWUX2

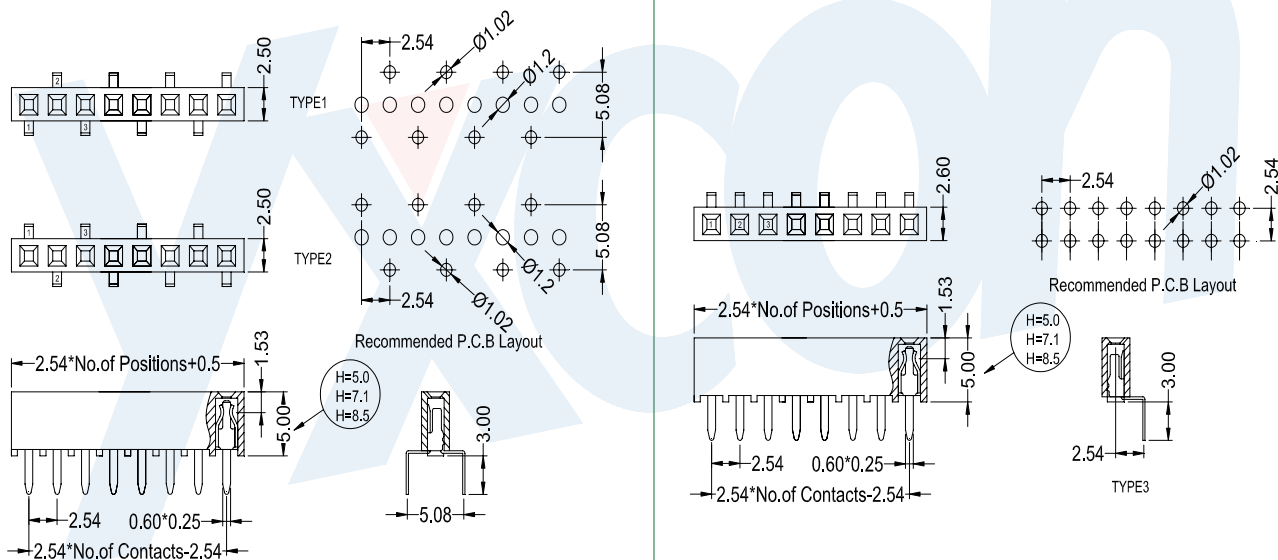


F150-11XXXXXWUX3

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



FEMALE HEADER



**F 150 - 11**  
**F 171 - 11**  
**F 185 - 11**

**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)

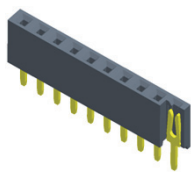
1. 材料 (Material)

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

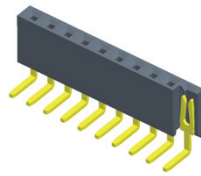
Contact: Phosphor Bronze

2. 特性 (characteristics):

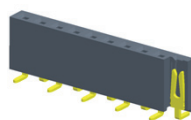
額定電流: 3.00AMP  
Rating Current: 3.00AMP  
接觸阻抗: 20mΩ Max  
Contact Resistance: 20mΩ Max  
絕緣阻抗: 1000MΩ Min  
Insulating Resistance: 1000 MΩ Min  
耐電壓: AC 1000V/分鐘  
Withstanding Voltage: AC 1000V/Minute  
溫度範圍: -40° C to +105° C  
Temperature Range: -40° C to +105° C



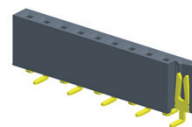
F157-11XXXXXSYX1



F157-11XXXXXRYX1



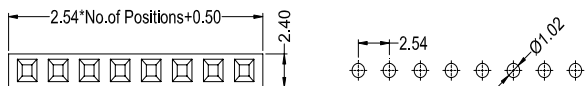
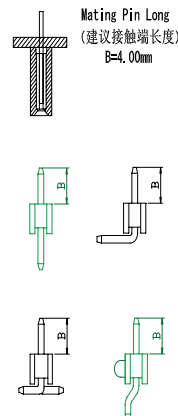
F157-11XXXXXMYX1



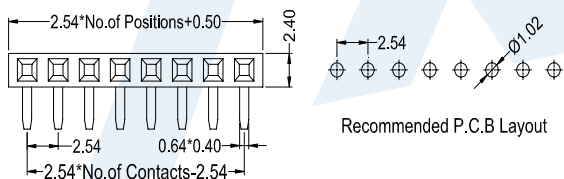
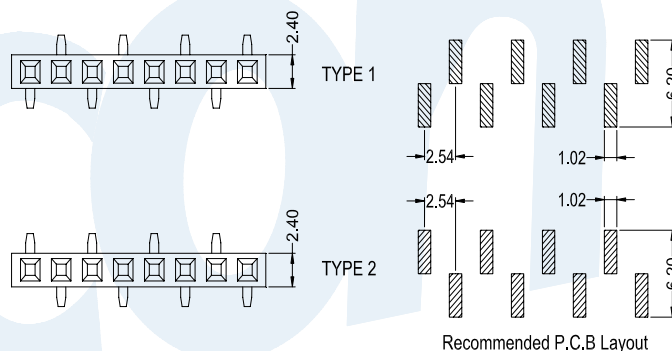
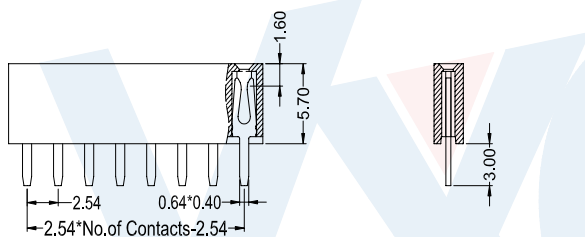
F157-11XXXXXMYX2



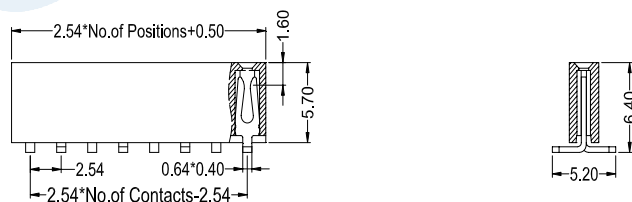
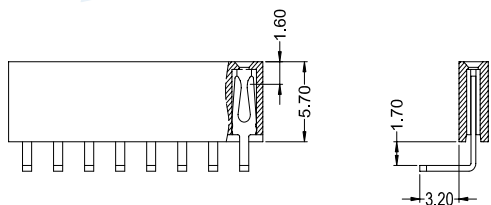
Mating With/配對公座:  
P110/P115/P117/P120/P125/P128



Recommended P.C.B Layout



Recommended P.C.B Layout



FEMALE HEADER

F 157 - 11

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"

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

S1=Ordinary Tin Plated  
S2=Matte Tin Plated  
S3=Tin-plated High-temperature

**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

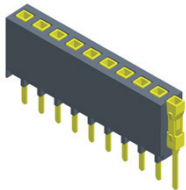
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

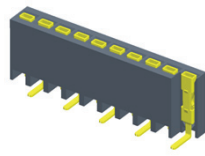
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

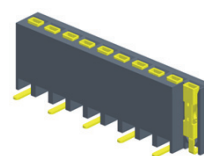
Temperture Range: -40° C to +105° C



F160-11XXXXXSQX1  
F168-11XXXXXSQX1

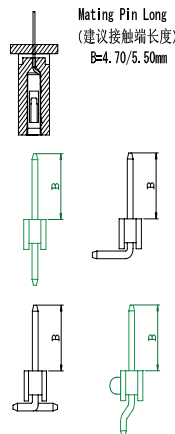


F160-11XXXXMQX1  
F168-11XXXXMQX1

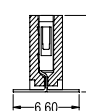
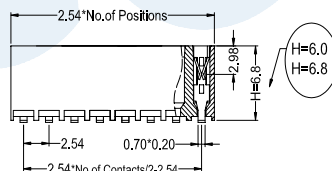
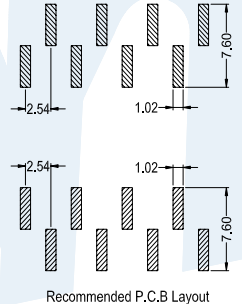
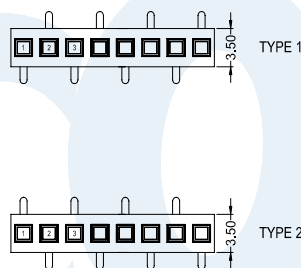
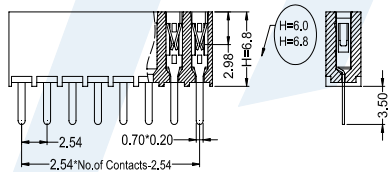
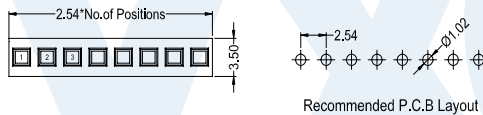


F160-11XXXXMQX2  
F168-11XXXXMQX2

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



FEMALE HEADER



**F 160 - 11**  
**F 168 - 11**

**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"  
~  
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

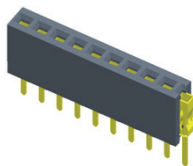
### 備注 (Remark)

#### 1. 材料 (Material)

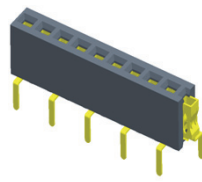
膠芯: PA9T /LCP+30%G. F UL94V-0, 顏色: 黑色  
Housing: PA9T/LCP+30%G. F UL94V-0, Color: Black  
端子: 磷銅

#### 2. 特性 (characteristics):

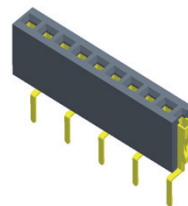
額定電流: 3.00AMP  
Rating Current: 3.00AMP  
接觸阻抗: 20mΩ Max  
Contact Resistance: 20mΩ Max  
絕緣阻抗: 1000MΩ Min  
Insulating Resistance: 1000 MΩ Min  
耐電壓: AC 1000V/分鐘  
Withstanding Voltage: AC 1000V/Minute  
溫度範圍: -40° C to +105° C  
Temperature Range: -40° C to +105° C



F169-11XXXXXSQX1

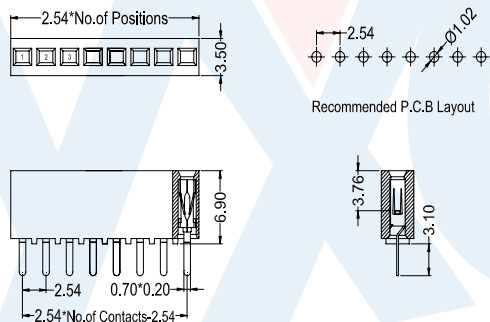
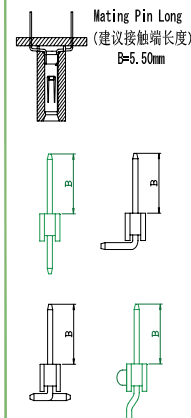


F169-11XXXXWQX1

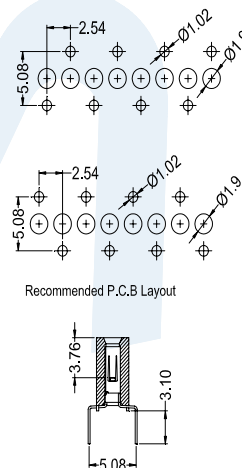
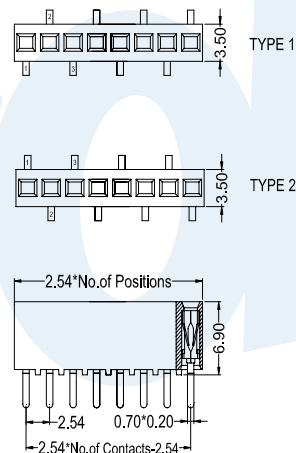


F169-11XXXXWQX2

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



Recommended P.C.B Layout



Recommended P.C.B Layout

FEMALE HEADER

**F 169 - 11**

**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"  
~  
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  
W: Bottom Entry

**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

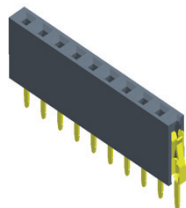
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

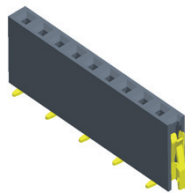
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

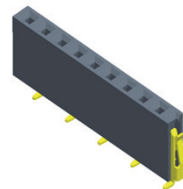
Temperture Range: -40° C to +105° C



F171-11XXXXXSUX1

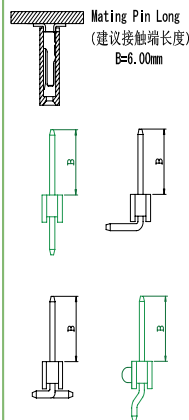


F171-11XXXXXMUX1

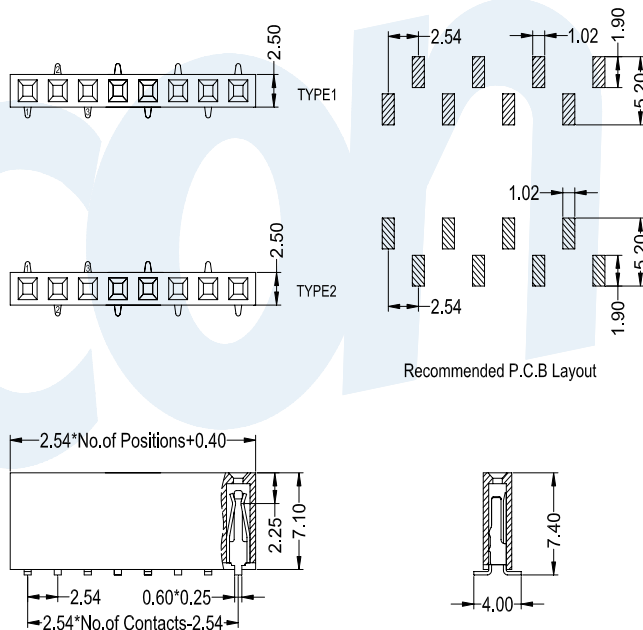
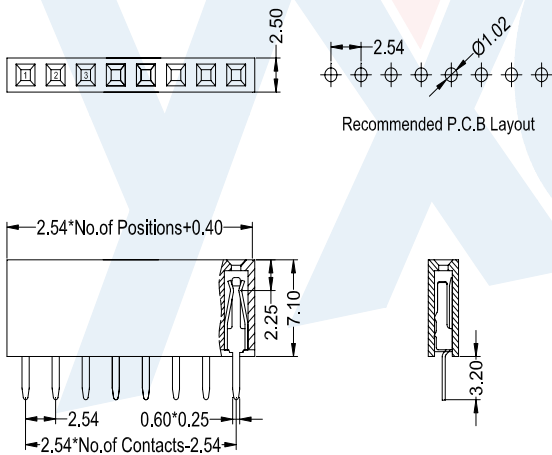


F171-11XXXXXMUX2

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



FEMALE HEADER



**F 171 - 11**

**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

## 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

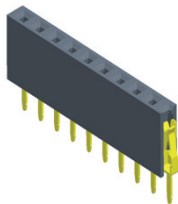
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

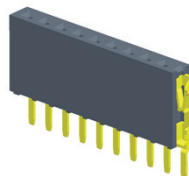
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

Temperature Range: -40° C to +105° C

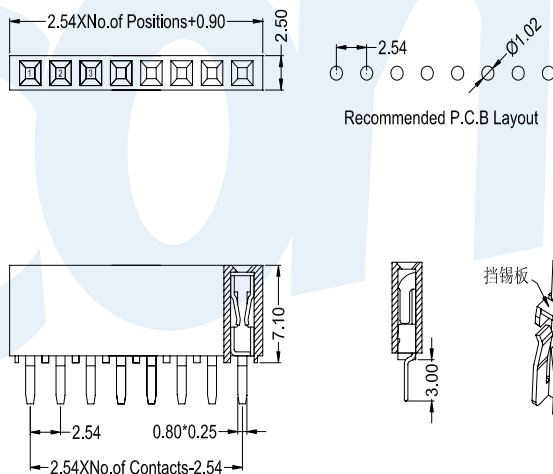
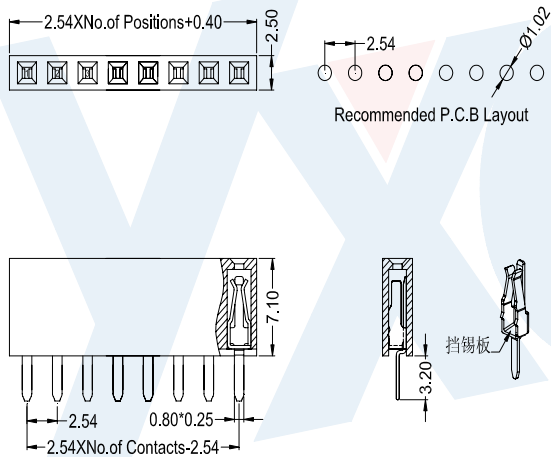
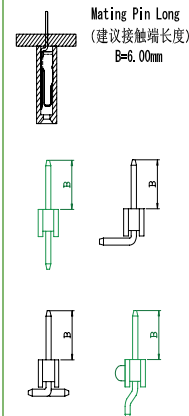


F171-11XXXXXSFX1



F171-11XXXXXSFX2

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



FEMALE HEADER

F 171 - 11

XX

XX

X

S

F

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

**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

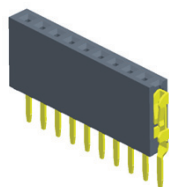
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

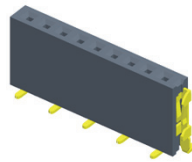
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

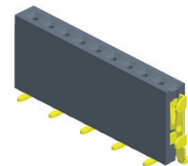
Temperature Range: -40° C to +105° C



F172-11XXXXXSUX1



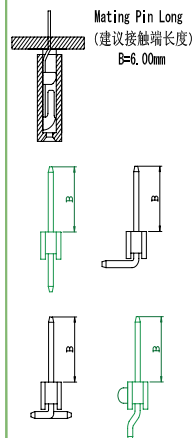
F172-11XXXXXMUX1



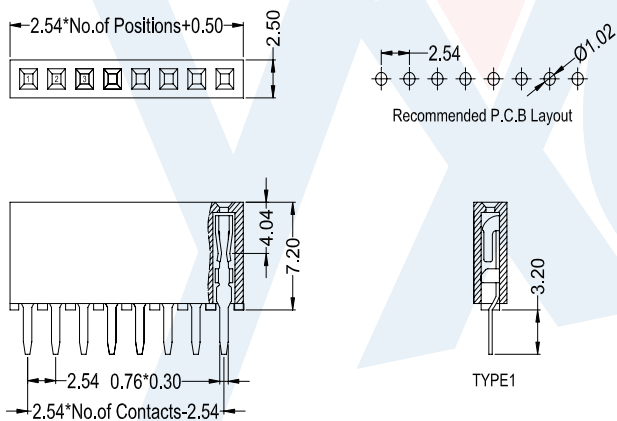
F172-11XXXXXMUX2



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

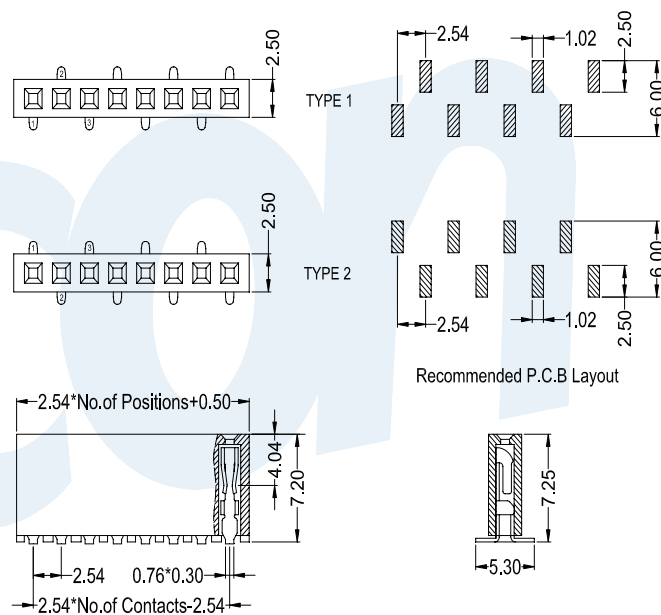


FEMALE HEADER



Recommended P.C.B Layout

TYPE1



Recommended P.C.B Layout

**F 172 - 11**

**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

## 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

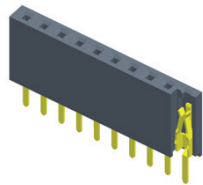
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

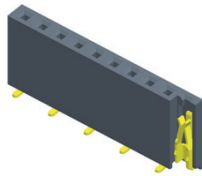
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

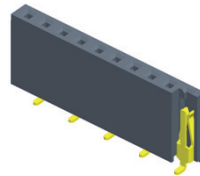
Temperature Range: -40° C to +105° C



F175-11XXXXXSUX1

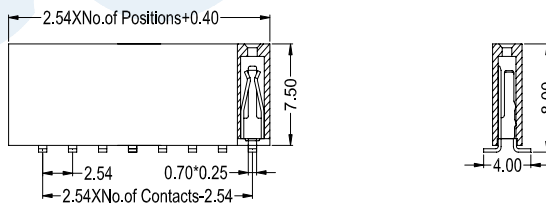
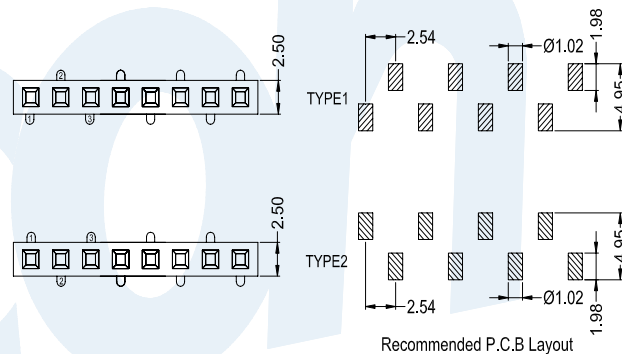
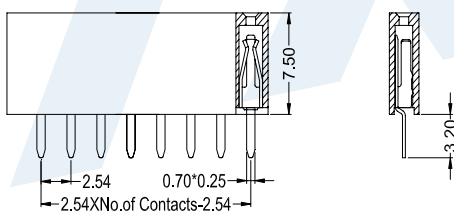
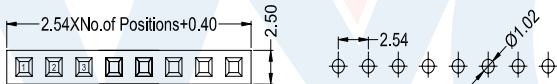
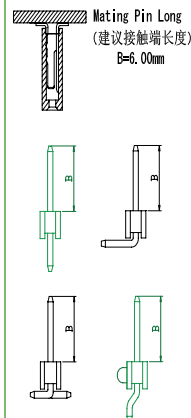


F175-11XXXXMUX1



F175-11XXXXMUX2

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



FEMALE HEADER

**F 175 - 11**

**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

**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

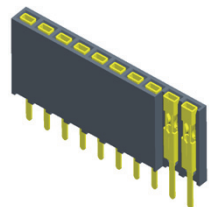
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

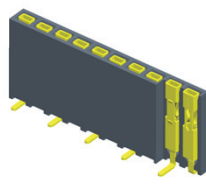
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

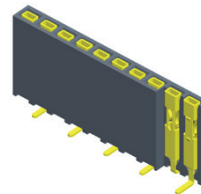
Temperture Range: -40° C to +105° C



F184-11XXXXXSQX1



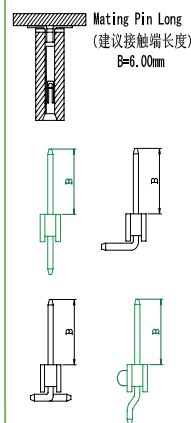
F184-11XXXXMQX1



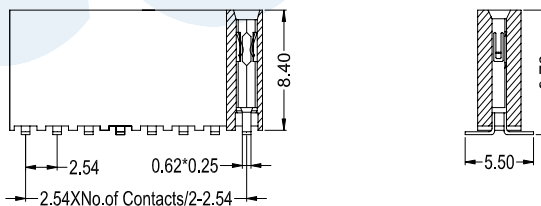
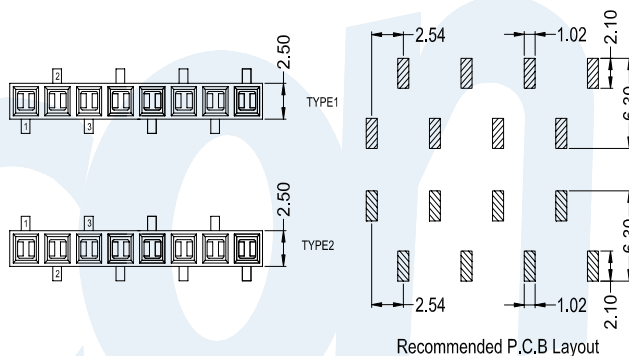
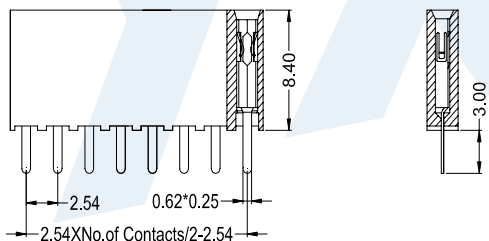
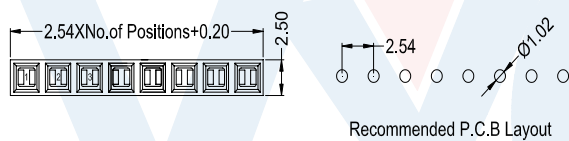
F184-11XXXXMQX2



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



FEMALE HEADER



**F 184 - 11**

**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

**XX**

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

**X**

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

**X**

**Q**

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

**X**

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

**X**



## Specifications

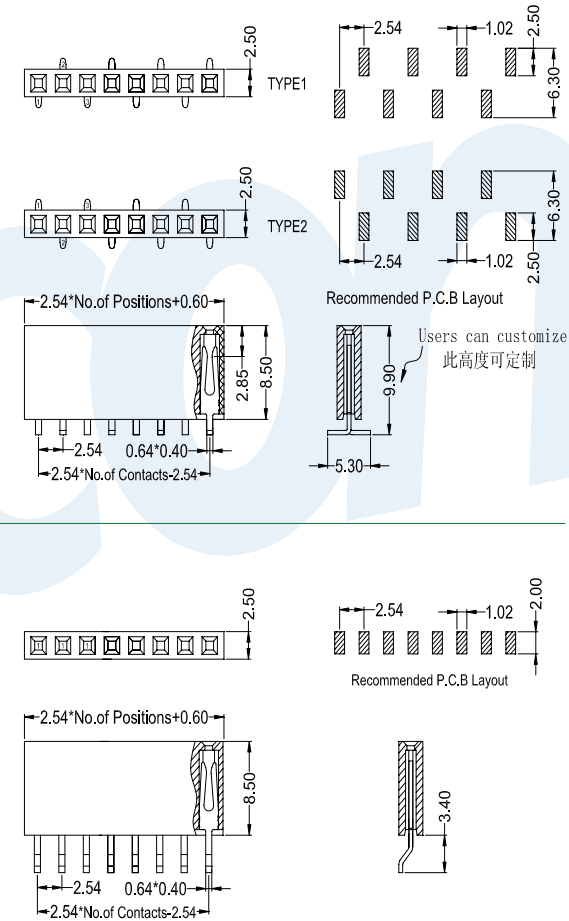
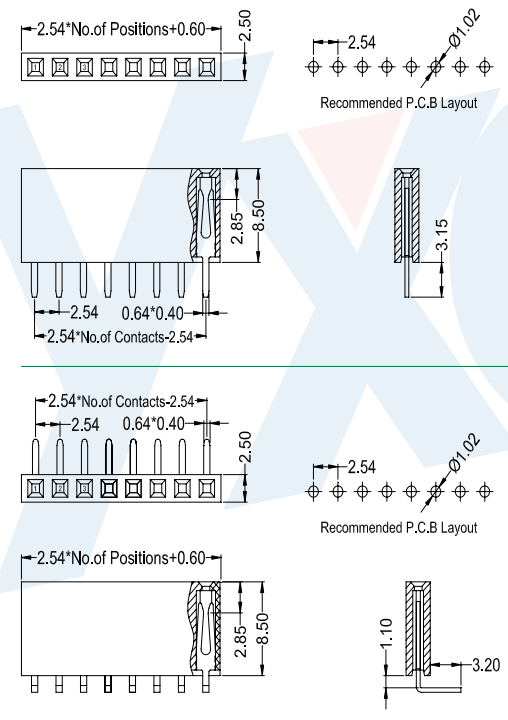
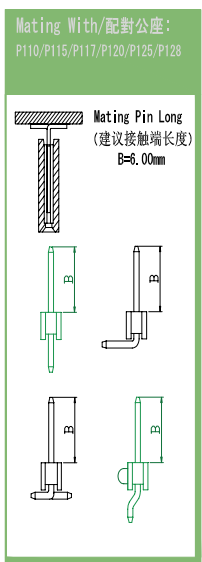
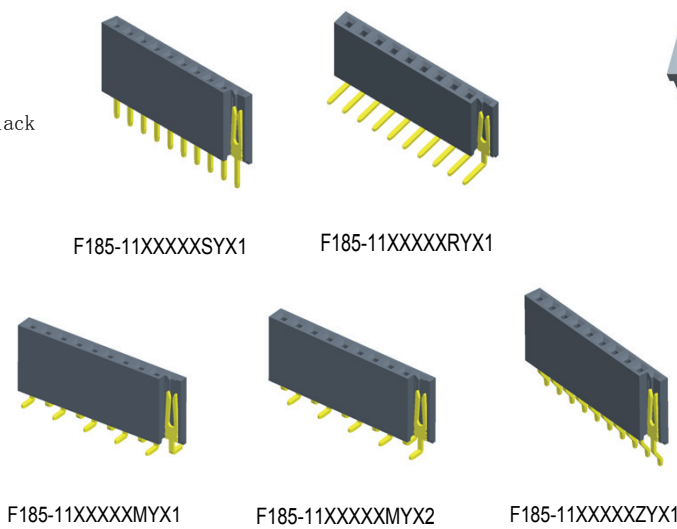
### 備注 (Remark)

#### 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

#### 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



FEMALE HEADER

<b>F 185 - 11</b>	<b>XX</b>	<b>XX</b>	<b>X</b>	<b>X</b>	<b>Y</b>	<b>X</b>	<b>X</b>
<b>No. Of Pins Per Row</b> 02~40P	<b>Contact Plating</b> Full Of Gold A0=0.8u" Semi-Gold B0=0.8U" ~ A9=30u" B9=30U" S1=Ordinary Tin Plated S2=Matte Tin Plated S3=Tin-plated High-temperature	<b>Insulator Material:</b> A:PBT B:PA6T C:PA9T D:LCP	<b>Contact Shape:</b> S: Straight R: Right Angle M: SMT Z: 90° SMT	<b>Packing</b> A: PE Bag B: Tape & Reel C: Tube D: Tube+CAP E: Tray	<b>Journal Number</b> 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

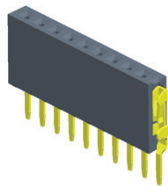
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

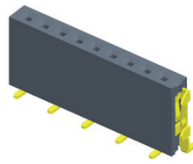
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

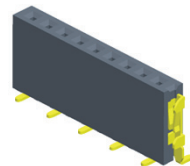
Temperature Range: -40° C to +105° C



F185-11XXXXXSUX1



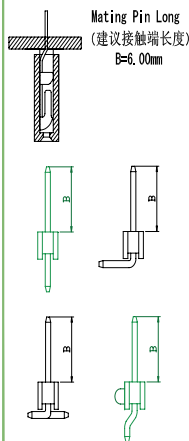
F185-11XXXXXMUX1



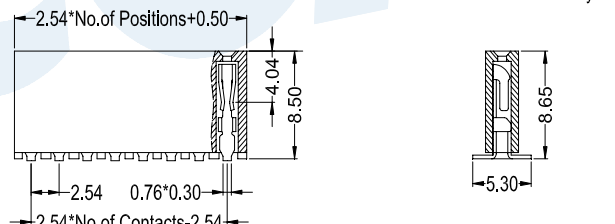
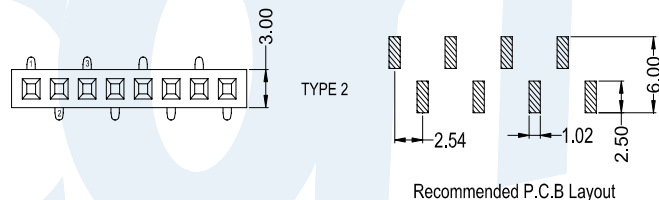
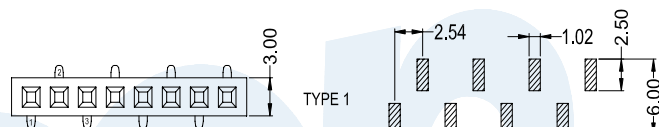
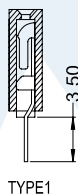
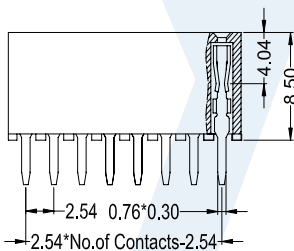
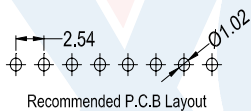
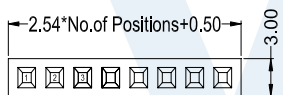
F185-11XXXXXMUX2



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



FEMALE HEADER



**F 185 - 11**

**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

**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

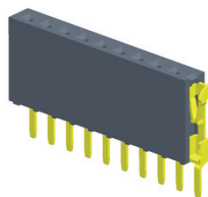
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

Withstanding Voltage: AC 1000V/Minute

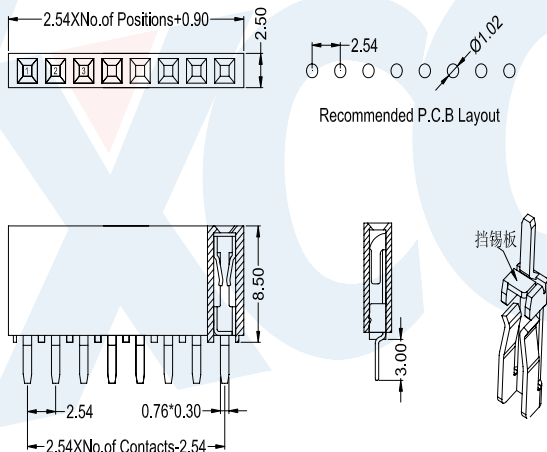
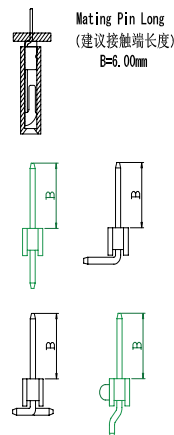
溫度範圍: -40° C to +105° C

Temperture Range: -40° C to +105° C



F185-11XXXXXSFX1

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



FEMALE HEADER

**F 185 - 11**

**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

**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

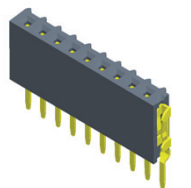
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

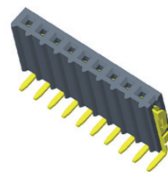
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

Temperature Range: -40° C to +105° C

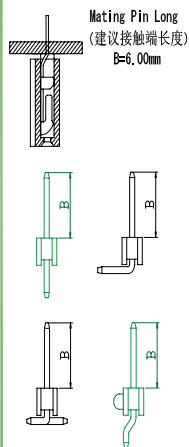


F185-11XXXXXSUX2

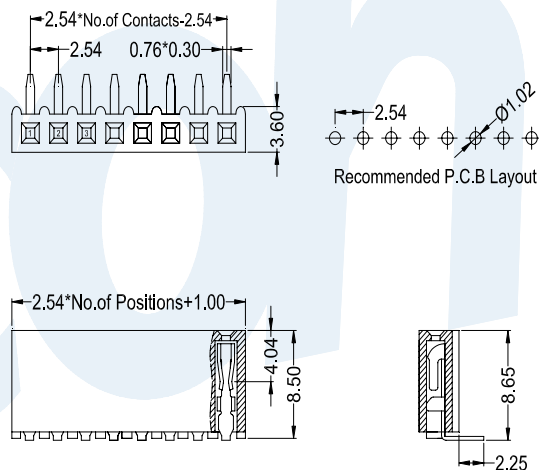
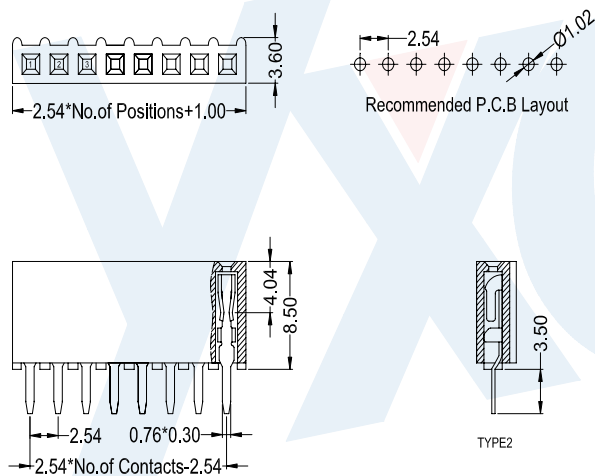


F185-11XXXXXRUX1

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



FEMALE HEADER



**F 185 - 11**

**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  
R: Right Angle

**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

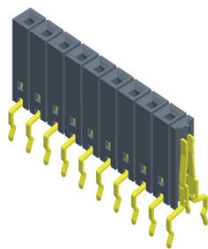
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分钟

Withstanding Voltage: AC 1000V/Minute

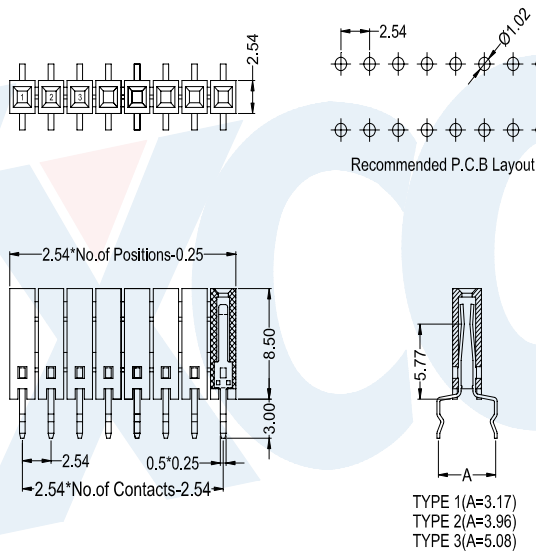
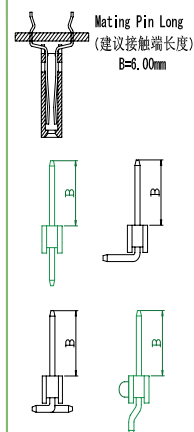
溫度範圍: -40° C to +105° C

Temperture Range: -40° C to +105° C



F185-11XXXXXWUX1

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



TYPE 1(A=3.17)  
TYPE 2(A=3.96)  
TYPE 3(A=5.08)

FEMALE HEADER

F 185 - 11

XX

XX

X

W

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

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

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

## Specifications

備注 (Remark)

1. 材料 (Material)

膠芯: PA9T /LCP+30%G.F UL94V-0, 顏色: 黑色

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

端子: 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

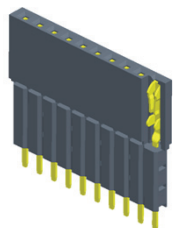
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

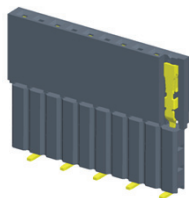
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

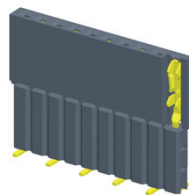
Temperature Range: -40° C to +105° C



F185-X1XXXXXSUX1

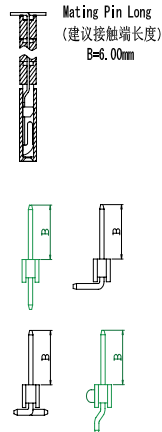


F185-X1XXXXXMUX1

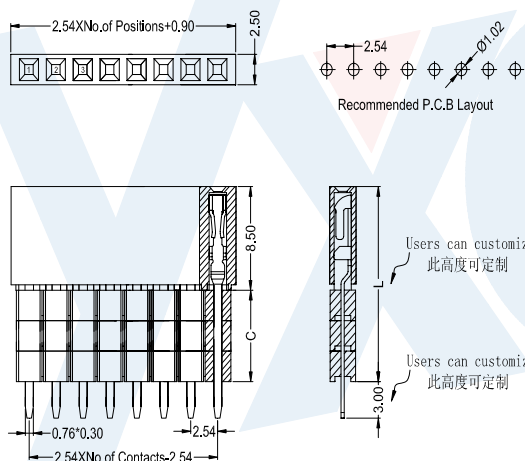


F185-X1XXXXXMUX2

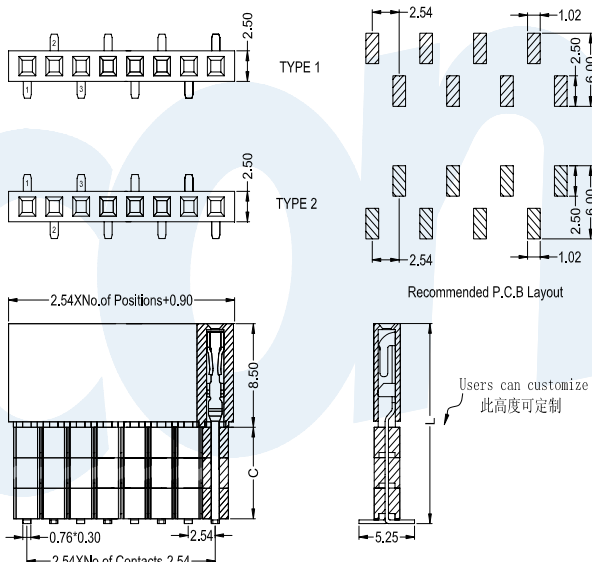
Mating With/配對公座:  
P110/P115/P117/P120/P125/P128



FEMALE HEADER



PART NO	DIM "C"	DIM "L"
F186-21XXXXXSUX1	2.5	11.0
F186-31XXXXXSUX1	5.0	13.5
F186-41XXXXXSUX1	7.5	16.0



PART NO	DIM "C"	DIM "L"
F186-21XXXXXMUX1	2.5	11.4
F186-31XXXXXMUX1	5.0	13.9
F186-41XXXXXMUX1	7.5	16.4

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

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

X  
Journal Number  
1: Type1  
2: Type2

**Specifications**

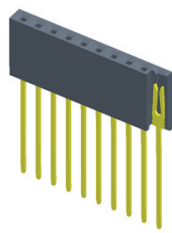
備注 (Remark)

1. 材料 (Material)

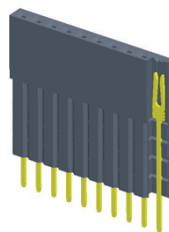
膠芯: PA9T /LCP+30%G.F UL94V-0, 顏色: 黑色  
Housing: PA9T/LCP+30%G.F UL94V-0, Color: Black  
端子: 磷銅

2. 特性 (characteristics):

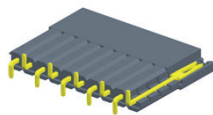
額定電流: 3.00AMP  
Rating Current: 3.00AMP  
接觸阻抗: 20mΩ Max  
Contact Resistance: 20mΩ Max  
絕緣阻抗: 1000MΩ Min  
Insulating Resistance: 1000 MΩ Min  
耐電壓: AC 1000V/分鐘  
Withstanding Voltage: AC 1000V/Minute  
溫度範圍: -40° C to +105° C  
Temperature Range: -40° C to +105° C



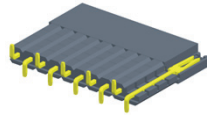
F185-11XXXXSYX2



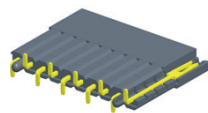
F185-51XXXXSYX1



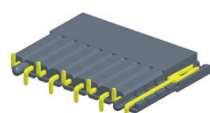
F185-11XXXXMYX1



F185-51XXXXMYX2

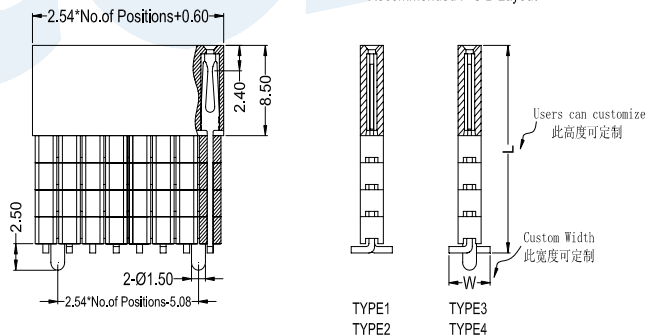
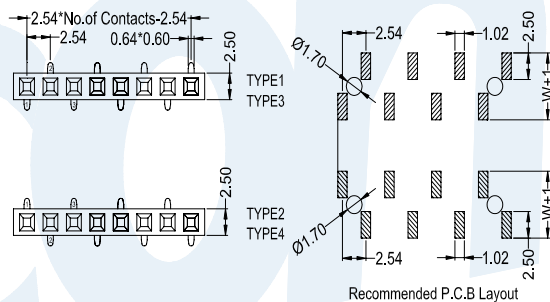
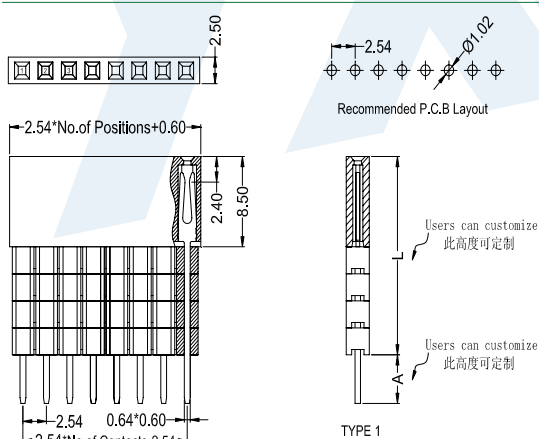
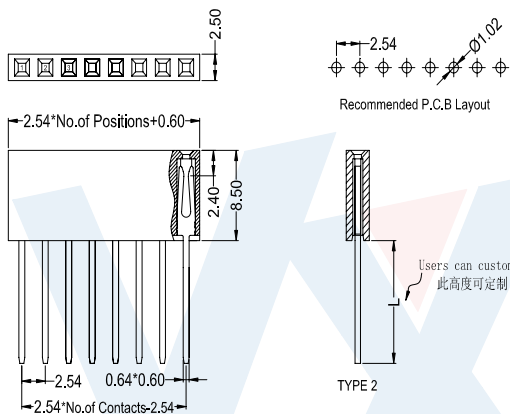
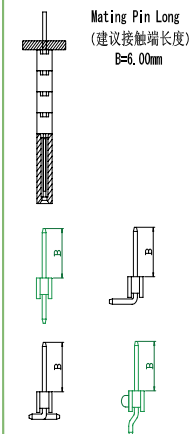


F185-11XXXXMYX3



F185-51XXXXMYX4

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



FEMALE HEADER

F 185 - 1 1

F 185 - 2 1

F 185 - 3 1

F 185 - 4 1

F 185 - 5 1

XX

No. Of Pins  
Per Row  
02~40P

XX

Contact Plating

Full Of Gold    Semi-Gold

A0=0.8u"    B0=0.8U"

A9=30u"    B9=30U"

S1=Ordinary Tin Plated

S2=Matte Tin Plated

S3=Tin-plated High-temperature

X

Insulator Material:

A:PBT

B:PA6T

C:PA9T

D:LCP

X

Contact Shape:

S: Straight

M: SMT

Y

Packing

A: PE Bag

B: Tape & Reel

C: Tube

D: Tube+CAP

E: Tray

X

Journal Number

1: Type1

2: Type2

3: Type3

4: Type4

## 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

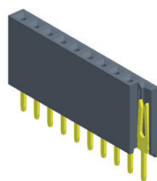
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 1000V/分鐘

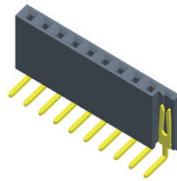
Withstanding Voltage: AC 1000V/Minute

溫度範圍: -40° C to +105° C

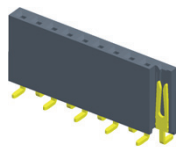
Temperture Range: -40° C to +105° C



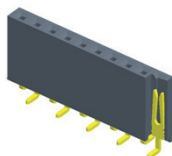
F111-11XXXXSYX1



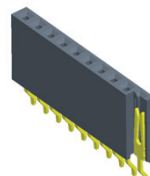
F111-11XXXXRYX1



F111-11XXXXMYX1



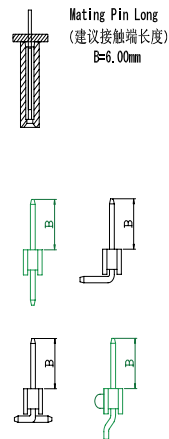
F111-11XXXXMYX2



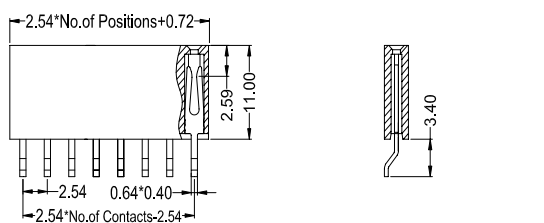
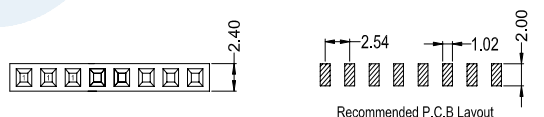
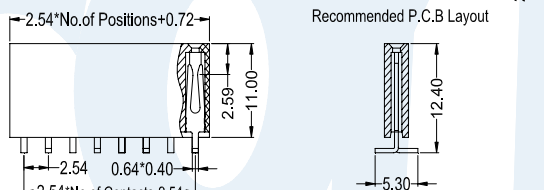
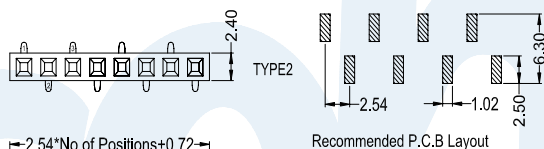
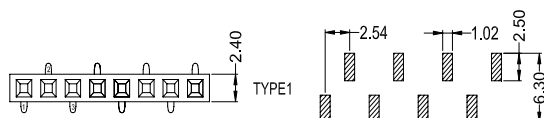
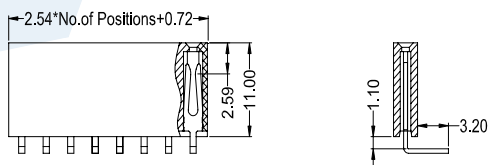
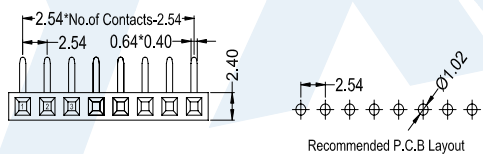
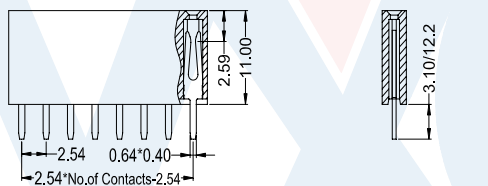
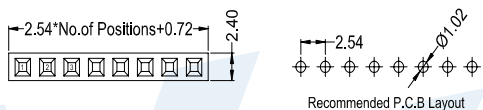
F111-11XXXXZYX1

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

Mating Pin Long  
(建議接觸端長度)  
B=8.00mm



FEMALE HEADER



**F 111 - 11**

**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:**  
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

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