

## Specifications

備注 (Remark)

1. 材料 (Material)

膠芯: PA9T/LCP+30%G. F UL94V-0, 顏色: 黑色

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

端子: 黃銅

Contact: Brass

2. 特性 (characteristics):

額定電流: 1.0AMP

Rating Current: 1.0AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

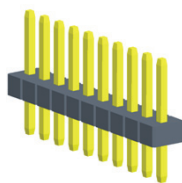
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 500V/分鐘

Withstanding Voltage: AC 500V/Minute

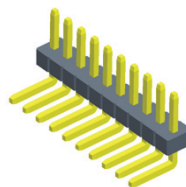
溫度範圍: -40° C to +105° C

Temperature Range: -40° C to +105° C



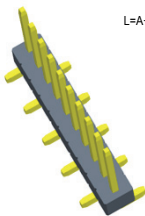
P310-11XXXXXSXXXX1

$$L=A+B+1.0$$



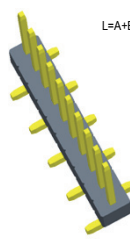
P310-11XXXXRXXXXX1

$$L=A+B+D+2.0$$



P310-11XXXXMXXXXX1

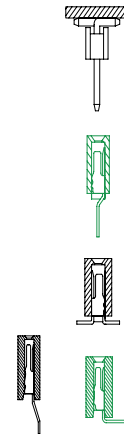
$$L=B+D+1.0+W/2$$



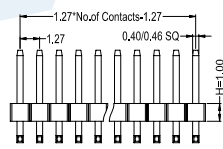
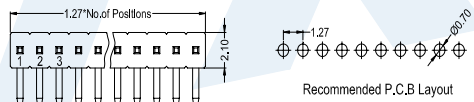
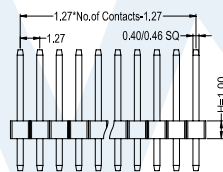
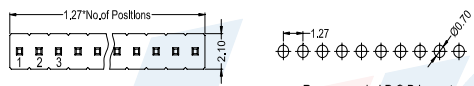
P310-11XXXXMXXXXX2

$$L=B+D+1.0+W/2$$

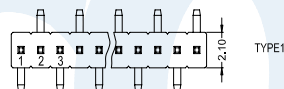
Mating With/配對母座:  
F320/F321/F334/F343/F346  
/F357/F385



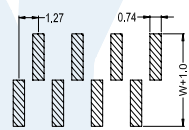
Dimension antitheses list		
ITEM	A	B
Standard	1.80	1.8/3.0/4.0/6.0
Alternate		



Dimension antitheses list			
ITEM	A	B	D
Standard	2.50	1.8/3.0/4.0/6.0	0.80
Alternate			



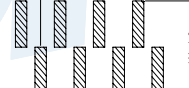
TYPE1



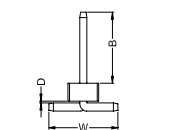
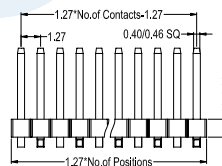
Recommended P.C.B Layout



TYPE2



Recommended P.C.B Layout



Recommended P.C.B Layout

Dimension antitheses list			
ITEM	B	D	W
Standard	1.8/3.0/4.0/6.0	0.1	4.50
Alternate			

**P 310 - 11**

**XX**

**XX**

**X**

**X**

**XXX**

**X**

**X**

**X**

**No.Of Pins Per Row**  
02~50P

**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:**  
C:PA9T  
D:LCP

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

**Length Of Terminal**

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

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

**Pin Number**  
A: 0.40 SQ  
B: 0.46 SQ

## Specifications

### 備注 (Remark)

#### 1. 材料 (Material)

膠芯: PA9T/LCP+30%G. F UL94V-0, 顏色: 黑色

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

端子: 黃銅

Contact: Brass

#### 2. 特性 (characteristics):

額定電流: 1.0AMP

Rating Current: 1.0AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

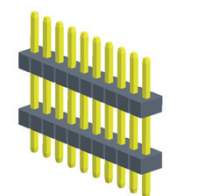
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 500V/分鐘

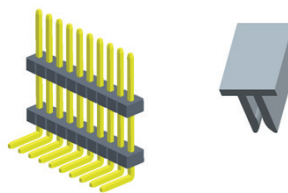
Withstanding Voltage: AC 500V/Minute

溫度範圍: -40° C to +105° C

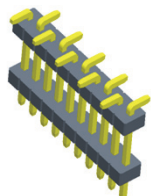
Temperature Range: -40° C to +105° C



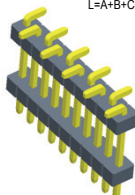
P310-21XXXXX1  
L=A+B+C



P310-21XXXXRXXXX1  
L=A+B+C+D+1.0

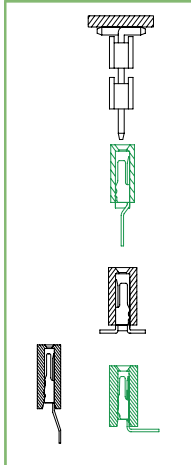


P310-21XXXXMXXXX1  
L=B+D+C+W/2

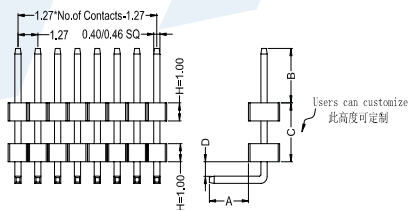
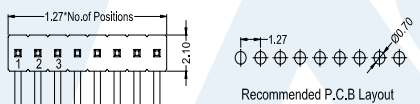
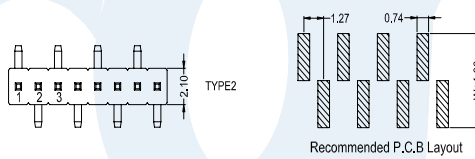
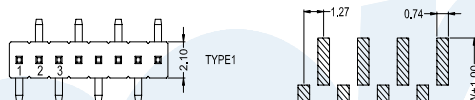
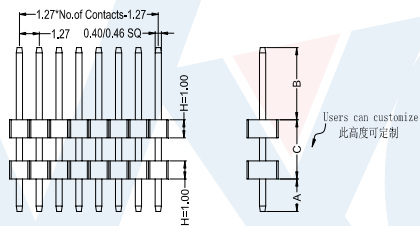
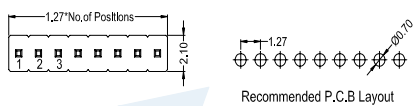


P310-21XXXXMXXXX2  
L=B+D+C+W/2

Mating With/配對母座:  
F320/F321/F334/F343/F346  
/F357/F385



Dimension antitheses list			
ITEM	A	B	C
Standard	1.80	1.8/3.0/4.0/6.0	
Alternate			



Dimension antitheses list				
ITEM	A	B	C	D
Standard	2.50	1.8/3.0/4.0/6.0		0.80
Alternate				

Dimension antitheses list				
ITEM	B	D	C	W
Standard	1.8/3.0/4.0/6.0	0.1		4.50
Alternate				

<b>P 310 - 21</b>	<b>XX</b>	<b>XX</b>	<b>X</b>	<b>X</b>	<b>XXX</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>No.Of Pins Per Row</b> 02~50P	<b>Contact Plating</b> Full Of Gold A0=0.8u" A9=30u" S1=Ordinary Tin Plated S2=Matte Tin Plated S3=Tin-plated High-temperature	<b>Semi-Gold</b> B0=0.8U" B9=30U"	<b>Insulator Material:</b> C:PA9T D:LCP	<b>Contact Shape:</b> S: Straight R: Right Angle M: SMT	<b>Length Of Terminal</b>	<b>Packing</b> A: PE Bag B: Tape & Reel C: Tube D: Tube+CAP E: Tray	<b>Journal Number</b> 1: Type1 2: Type2	<b>Pin Number</b> A: 0.40 SQ B: 0.46 SQ

## Specifications

備注 (Remark)

1. 材料 (Material)

膠芯: PA9T/LCP+30%G. F UL94V-0, 顏色: 黑色

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

端子: 黃銅

Contact: Brass

2. 特性 (characteristics):

額定電流: 1.0AMP

Rating Current: 1.0AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

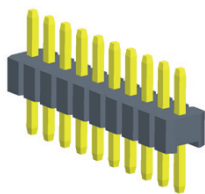
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 500V/分鐘

Withstanding Voltage: AC 500V/Minute

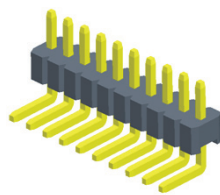
溫度範圍: -40° C to +105° C

Temperture Range: -40° C to +105° C



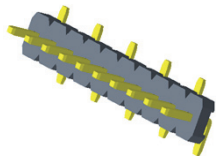
P315-11XXXXXSXXX1

$$L=A+B+D+1.5$$



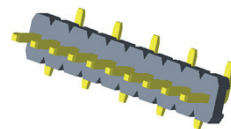
P315-11XXXXXRXXX1

$$L=A+B+D+2.7$$



P315-11XXXXXMXXX1

$$L=B+D+1.5+W/2$$

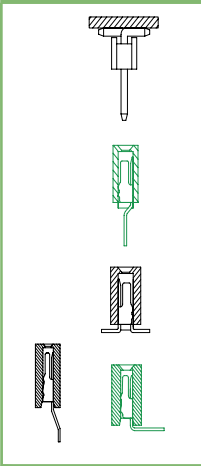


P315-11XXXXMXXX2

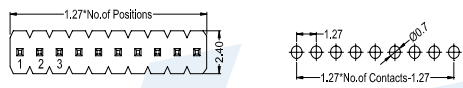
$$L=B+D+1.5+W/2$$



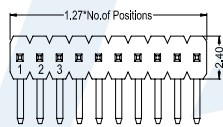
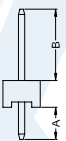
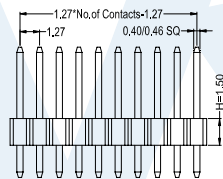
Mating With/配對母座:  
F320/F321/F334/F343  
/F357



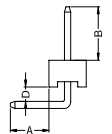
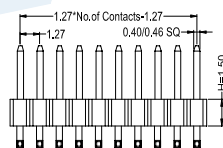
Dimension alternatives list		
ITEM	A	B
Standard	1.80	1.8/3.0/4.0/6.0
Alternate		



Recommended P.C.B Layout



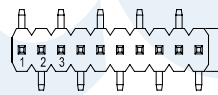
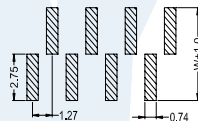
Recommended P.C.B Layout



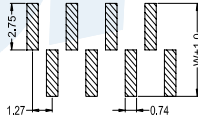
Dimension alternatives list			
ITEM	A	B	D
Standard	2.50	1.8/3.0/4.0/6.0	0.80
Alternate			



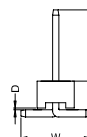
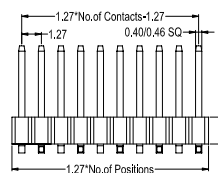
TYPE1



TYPE2



Recommended P.C.B Layout



Dimension alternatives list			
ITEM	B	D	W
Standard	1.8/3.0/4.0/6.0	0.1	4.50
Alternate			

**P 3 1 5 - 1 1**

**X X**

**X X**

**X**

**X**

**X X X**

**X**

**X**

**X**

**No.Of Pins Per Row**  
02~50P

**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:**  
C:PA9T  
D:LCP

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

**Length Of Terminal**

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

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

**Pin Number**  
A: 0.40 SQ  
B: 0.46 SQ

## Specifications

備注 (Remark)

1. 材料 (Material)

膠芯: PA9T/LCP+30%G.F UL94V-0, 顏色: 黑色

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

端子: 黃銅

Contact: Brass

2. 特性 (characteristics):

額定電流: 1.0AMP

Rating Current: 1.0AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

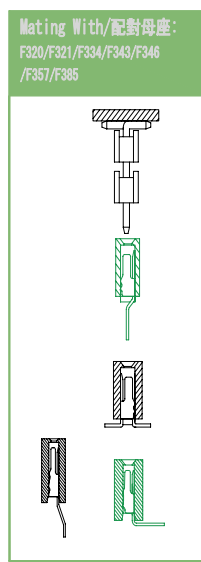
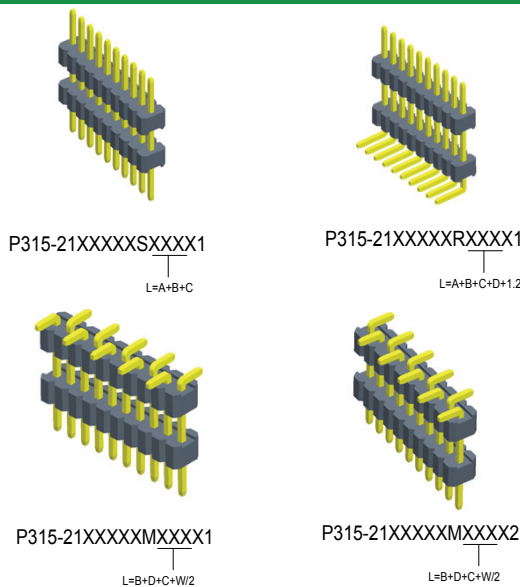
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 500V/分鐘

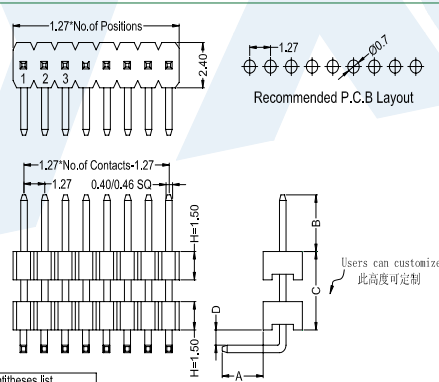
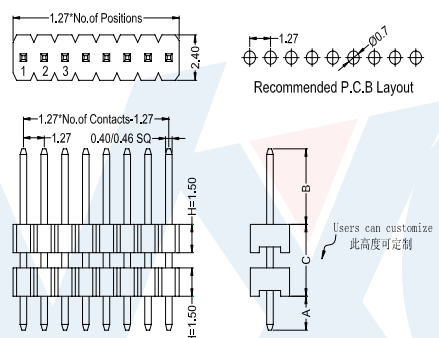
Withstanding Voltage: AC 500V/Minute

溫度範圍: -40° C to +105° C

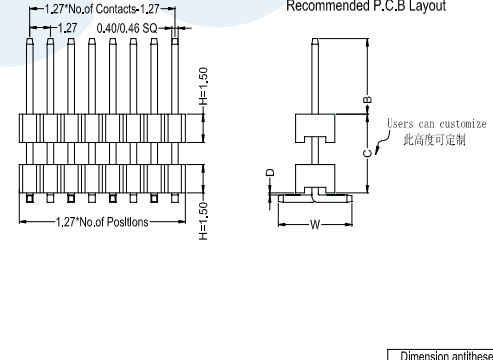
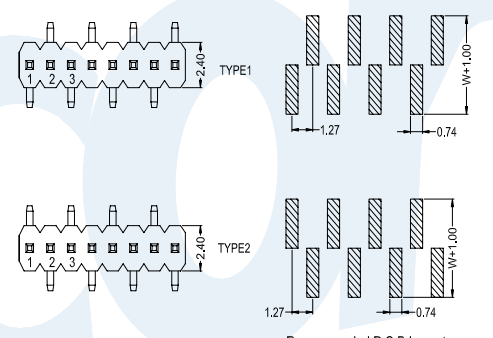
Temperature Range: -40° C to +105° C



ITEM	A	B	C
Standard	1.80	1.8/3.0/4.0/6.0	
Alternate			



ITEM	A	B	C	D
Standard	2.50	1.8/3.0/4.0/6.0		0.80
Alternate				



ITEM	B	D	C	W
Standard	1.8/3.0/4.0/6.0	0.1		4.50
Alternate				

<b>P 3 1 5 - 2 1</b>	<b>X X</b>	<b>X X</b>	<b>X</b>	<b>X</b>	<b>X X X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>No.Of Pins Per Row</b> 02~50P	<b>Contact Plating</b> Full Of Gold A0=0.8u" A9=30u" S1=Ordinary Tin Plated S2=Matte Tin Plated S3=Tin-plated High-temperature	<b>Insulator Material:</b> C:PA9T D:LCP ~ B0=0.8U" B9=30U"	<b>Contact Shape:</b> S: Straight R: Right Angle M: SMT	<b>Length Of Terminal</b>	<b>Packing</b> A: PE Bag B: Tape & Reel C: Tube D: Tube+CAP E: Tray	<b>Journal Number</b> 1: Type1 2: Type2	<b>Pin Number</b> A: 0.40 SQ B: 0.46 SQ	

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備注 (Remark)

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

端子: 黃銅

Contact: Brass

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額定電流: 1.0AMP

Rating Current: 1.0AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

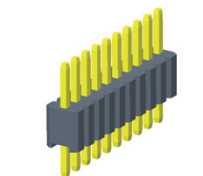
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 500V/分鐘

Withstanding Voltage: AC 500V/Minute

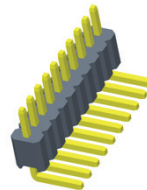
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Temperture Range: -40° C to +105° C



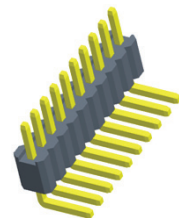
P3XX-11XXXXXSRXXX1

L=A+B+H



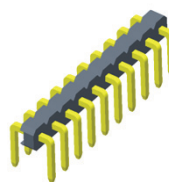
P3XX-11XXXXXRXXX1

L=A+B+D+H+1.25



P3XX-11XXXXRXXX2

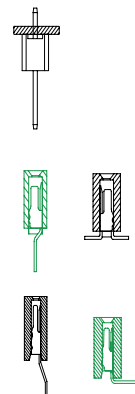
L=A+B+D+H+1.25



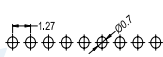
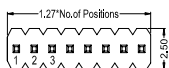
P325-11XXXXRXXX3

L=2A+2D+5.0

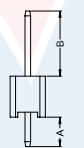
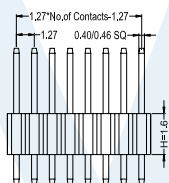
Mating With/配對母座:  
F320/F321/F334/F343/F346  
/F357/F385



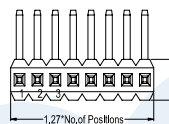
Dimension anitheses list				
ITEM	A	B	H	
Standard	1.80	1.83,0.4,0.6,0	1.6	1.7
Alternate		2.0	2.0	2.5



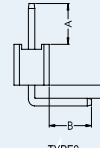
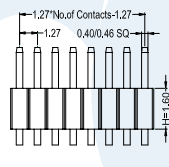
Recommended P.C.B Layout



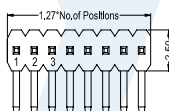
Dimension anitheses list				
ITEM	A	B	D	H
Standard	2.50	1.83,0.4,0.6,0	0.80	1.6
Alternate				2.0



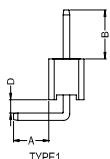
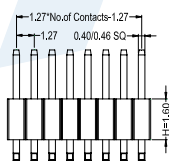
Recommended P.C.B Layout



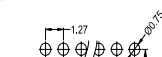
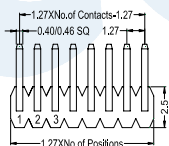
TYPE2



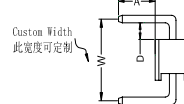
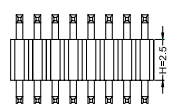
Recommended P.C.B Layout



TYPE1



Recommended P.C.B Layout



Custom Width  
此寬度可定制

Dimension anitheses list				
ITEM	A	B	D	H
Standard	2.50	1.83,0.4,0.6,0	0.80	1.6
Alternate				2.0

Dimension anitheses list				
ITEM	W	D	A	H
Standard	5.0	6.0	1.24,1.75	2.6
Alternate				2.0

- P 316 - 11
- P 317 - 11
- P 320 - 11
- P 325 - 11

XX

No.Of Pins  
Per Row  
02~50P

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:  
C:PA9T  
D:LCP

X

Contact Shape:  
S: Straight  
R: Right Angle

XXX

Length Of  
Terminal

X

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

X

Journal  
Number  
1: Type1  
2: Type2  
3: Type3

X

Pin  
Number  
A: 0.40 SQ  
B: 0.46 SQ

**Specifications**

備注 (Remark)

1. 材料 (Material)

膠芯: PA9T/LCP+30%G. F UL94V-0, 顏色: 黑色

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

端子: 黃銅

Contact: Brass

2. 特性 (characteristics):

額定電流: 1.0AMP

Rating Current: 1.0AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

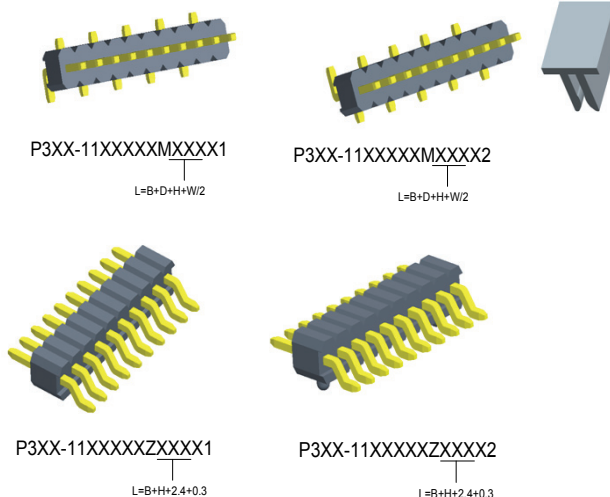
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 500V/分鐘

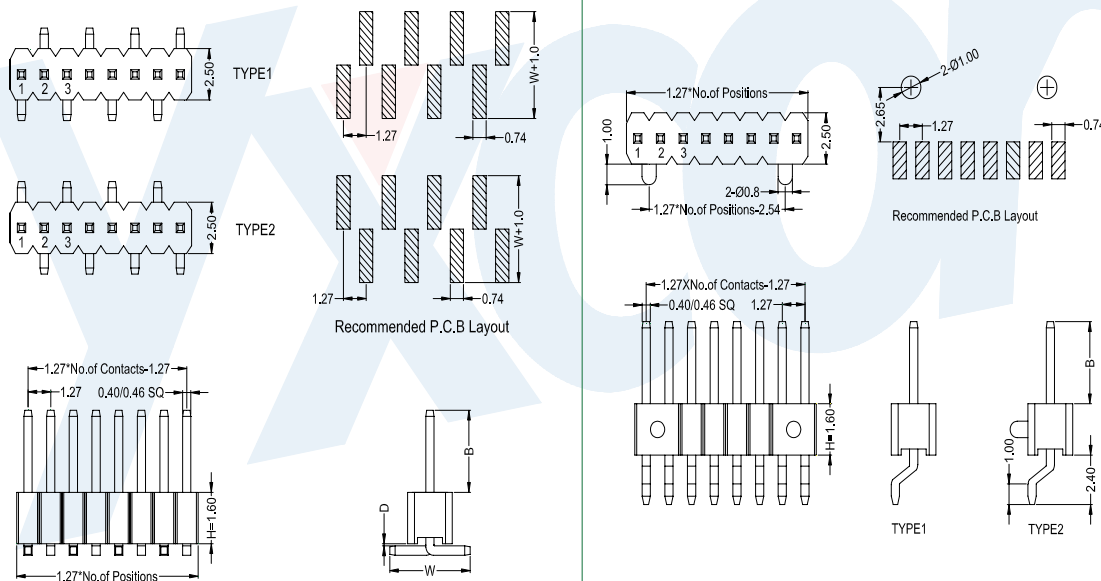
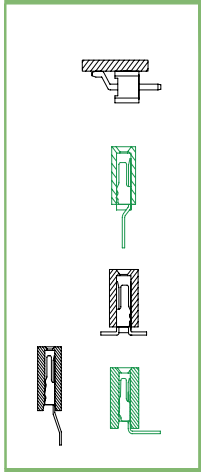
Withstanding Voltage: AC 500V/Minute

溫度範圍: -40° C to +105° C

Temperature Range: -40° C to +105° C



Mating With/配對母座:  
F320/F321/F334/F343/F346  
/F357/F385



Dimension antitheses list				
ITEM	B	D	W	H
Standard	1.8/3.0/4.0/6.0	0.1	4.50	1.6 1.7
Alternate				2.0 2.5

Dimension antitheses list		
ITEM	B	H
Standard	1.8/3.0/4.0/6.0	1.6 1.7
Alternate		2.0 2.5

PIN HEADER

<b>P 3 1 6 - 1 1</b>	<b>XX</b>	<b>XX</b>	<b>X</b>	<b>X</b>	<b>XXX</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>P 3 1 7 - 1 1</b>								
<b>P 3 2 0 - 1 1</b>								
<b>P 3 2 5 - 1 1</b>								

**No. Of Pins Per Row:** 02~50P  
**Contact Plating:** Full Of 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:** M:SMT Z:90° SMT  
**Length Of Terminal:**  
**Packing:** A:PE Bag B:Tape & Reel C:Tube D:Tube+CAP E:Tray  
**Journal Number:** 1:Type1 2:Type2  
**Pin Number:** A:0.46 SQ B:0.46 SQ



**Specifications**

備注 (Remark)

1. 材料 (Material)

膠芯: PA9T/LCP+30%G. F UL94V-0, 顏色: 黑色

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

端子: 黃銅

Contact: Brass

2. 特性 (characteristics):

額定電流: 1.0AMP

Rating Current: 1.0AMP

接觸阻抗: 20mΩ Max

Contact Resistance: 20mΩ Max

絕緣阻抗: 1000MΩ Min

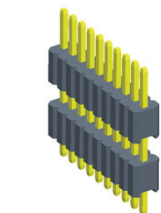
Insulating Resistance: 1000 MΩ Min

耐電壓: AC 500V/分鐘

Withstanding Voltage: AC 500V/Minute

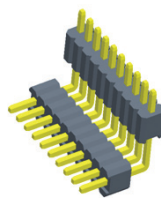
溫度範圍: -40° C to +105° C

Temperature Range: -40° C to +105° C



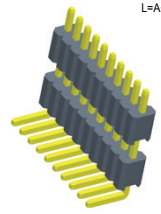
P3XX-21XXXXXSXXX1

$L=A+B+C$



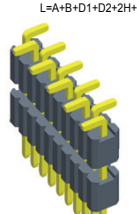
P3XX-21XXXXRXXXX1

$L=A+B+D1+D2+2H+0.2$



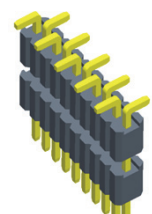
P3XX-21XXXXRXXX2

$L=A+B+D+C+1.25$



P3XXX-21XXXXMXXX1

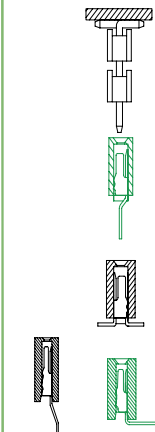
$L=B+D+C+W2$



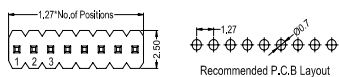
P3XX-21XXXXMXXX2

$L=B+D+C+W2$

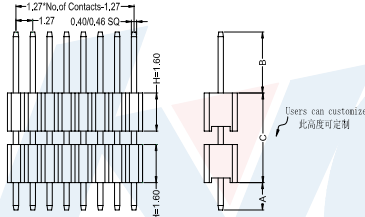
Mating With/配對母座:  
F320/F321/F334/F343/F346  
/F357/F385



Dimension alternatives list				
ITEM	A	B	C	H
Standard	1.80	1.8/3.0/4.0/6.0		1.6/2.0
Alternate				1.7/2.5

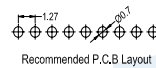


Recommended P.C.B Layout

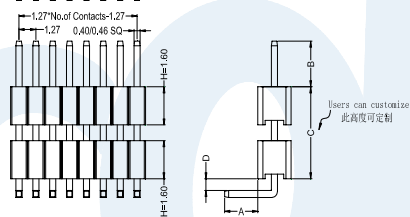


Users can customize  
此高度可定制

Dimension alternatives list				
ITEM	A	B	C	D
Standard	2.50	1.8/3.0/4.0/6.0		0.80
Alternate				0.80

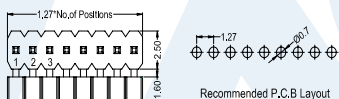


Recommended P.C.B Layout

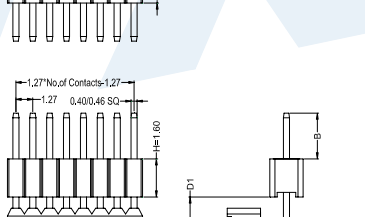


Users can customize  
此高度可定制

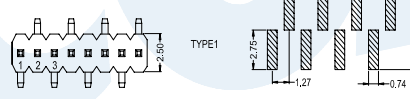
Dimension alternatives list				
ITEM	A	B	D1	D2
Standard	2.50	1.8/3.0/4.0/6.0		
Alternate				



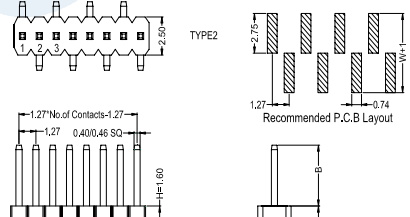
Recommended P.C.B Layout



Users can customize  
此高度可定制



Recommended P.C.B Layout



Users can customize  
此高度可定制

Dimension alternatives list				
ITEM	B	D	C	W
Standard	1.8/3.0/4.0/6.0	0.1		4.50
Alternate				

- P 3 1 6 - 2 1
- P 3 1 7 - 2 1
- P 3 2 0 - 2 1
- P 3 2 5 - 2 1

XX

XX

X

X

XXX

X

X

X

**No. Of Pins** 02~50P  
**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:** C:PA9T D:LCP  
**Contact Shape:** S: Straight R: Right Angle M: SMT  
**Length Of Terminal**  
**Packing** A: PE Bag B: Tape & Reel C: Tube D: Tube+CAP E: Tray  
**Journal Number** 1: Type1 2: Type2  
**Pin Number** A: 0.40 SQ B: 0.46 SQ

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PIN HEADER