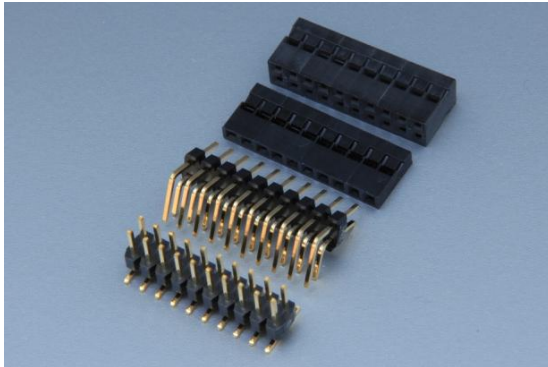


# 2402



## Pitch 2.0mm Wire to Board Connectors - SMT Type



### PERFORMANCE

Electrical Rating: AC/DC 250V 1A  
 額定電壓電流  
 Insulation Resistance: 500MΩ min.  
 絕緣阻抗  
 Withstanding Voltage: 500V AC/minute  
 耐電壓  
 Temperature Range: -40°C~+105°C  
 適用溫度



### CONNECTOR - Top Entry

Part No.: MS24022~MS240240

產品編號

Material: Housing: Nylon 94V-2, Black

材質 塑膠座 黑色

Contact Pin : Brass, Gold-flash

接觸針 黃銅, 鍍金

Suitable Contact: 2402PS-2 2402PS-00

配合端子

Suitable Housing: P24022~P240240

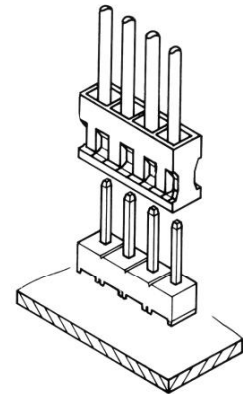
配合塑膠

Applicable Wire: AWG# 26~30

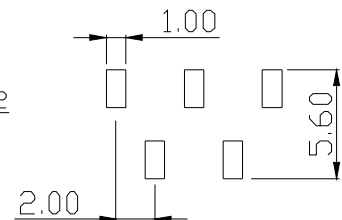
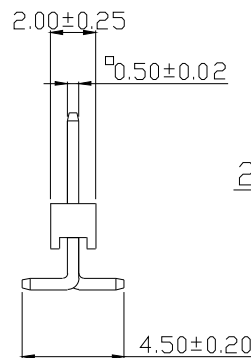
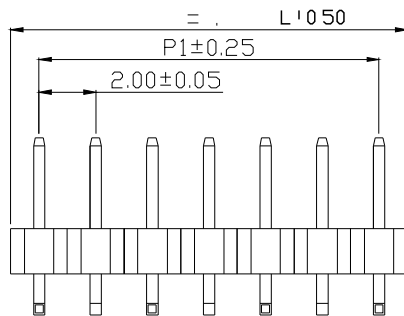
適用電線

Square Contact Pin : 0.50±0.02mm

方型接觸針



2.0mm



P.C.B LAYOUT

| Part No. |      |       |       |       | Part No. |      |       |       |       | Part No. |      |       |       |       |
|----------|------|-------|-------|-------|----------|------|-------|-------|-------|----------|------|-------|-------|-------|
| Part No. | POS. | L     | P1    | Pack. | Part No. | POS. | L     | P1    | Pack. | Part No. | POS. | L     | P1    | Pack. |
| MS24022  | 2    | 4.00  | 2.00  | 1000  | MS240215 | 15   | 30.00 | 28.00 | 1000  | MS240228 | 28   | 56.00 | 54.00 | 300   |
| MS24023  | 3    | 6.00  | 4.00  | 1000  | MS240216 | 16   | 32.00 | 30.00 | 500   | MS240229 | 29   | 58.00 | 56.00 | 300   |
| MS24024  | 4    | 8.00  | 6.00  | 1000  | MS240217 | 17   | 34.00 | 32.00 | 500   | MS240230 | 30   | 60.00 | 58.00 | 300   |
| MS24025  | 5    | 10.00 | 8.00  | 1000  | MS240218 | 18   | 36.00 | 34.00 | 500   | MS240231 | 31   | 62.00 | 60.00 | 300   |
| MS24026  | 6    | 12.00 | 10.00 | 1000  | MS240219 | 19   | 38.00 | 36.00 | 500   | MS240232 | 32   | 64.00 | 62.00 | 300   |
| MS24027  | 7    | 14.00 | 12.00 | 1000  | MS240220 | 20   | 40.00 | 38.00 | 500   | MS240233 | 33   | 66.00 | 64.00 | 300   |
| MS24028  | 8    | 16.00 | 14.00 | 1000  | MS240221 | 21   | 42.00 | 40.00 | 500   | MS240234 | 34   | 68.00 | 66.00 | 300   |
| MS24029  | 9    | 18.00 | 16.00 | 1000  | MS240222 | 22   | 44.00 | 42.00 | 500   | MS240235 | 35   | 70.00 | 68.00 | 300   |
| MS240210 | 10   | 20.00 | 18.00 | 1000  | MS240223 | 23   | 46.00 | 44.00 | 500   | MS240236 | 36   | 72.00 | 70.00 | 300   |
| MS240211 | 11   | 22.00 | 20.00 | 1000  | MS240224 | 24   | 48.00 | 46.00 | 500   | MS240237 | 37   | 74.00 | 72.00 | 300   |
| MS240212 | 12   | 24.00 | 22.00 | 1000  | MS240225 | 25   | 50.00 | 48.00 | 300   | MS240238 | 38   | 76.00 | 74.00 | 300   |
| MS240213 | 13   | 26.00 | 24.00 | 1000  | MS240226 | 26   | 52.00 | 50.00 | 300   | MS240239 | 39   | 78.00 | 76.00 | 300   |
| MS240214 | 14   | 28.00 | 26.00 | 1000  | MS240227 | 27   | 54.00 | 52.00 | 300   | MS240240 | 40   | 80.00 | 78.00 | 300   |

Behave in conformity with continual product development policy, SinSheng (STM) reserves the right of specification changing of contents described in this catalogue at any time and without prior notice. Please contact the sales department nearby for most updated information.  
 由於產品持續開發的政策, 信盛(STM)保留隨時變更本目錄所述之規格且不需提前通知的權利, 請連繫業務處查詢最新的產品資訊。

# 2402 Wire to Board Connectors - SMT Type



## CONNECTOR - Top Entry

Part No.: **MDS24022~MDS240240**

產品編號

Material: Housing: Nylon 94V-2, Black

材質

塑膠座

Contact Pin : Brass, Gold-flash

接觸針

黃銅

鍍金

Suitable Contact: : 2402PS-2 2402PS-00

配合端子

Suitable Housing: PD24022~PD240240

配合塑膠

Applicable Wire: AWG# 26~30

適用電線

Square Contact Pin : 0.50±0.02mm

方型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 250V 1A

額定電壓電流

Insulation Resistance: 500MΩ min.

絕緣阻抗

Withstanding Voltage: 500V AC/minute

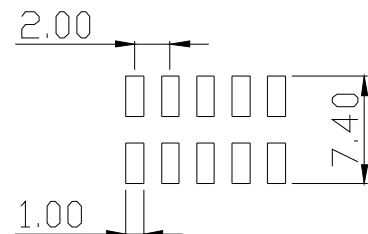
耐電壓

Temperature Range: -40°C~+105°C

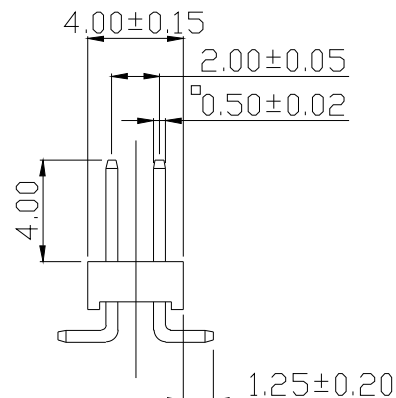
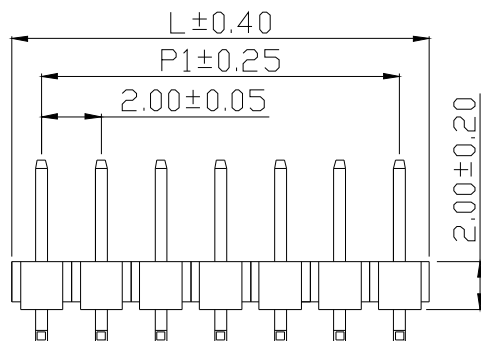
適用溫度



2.0mm



## P.C.B LAYOUT



| Part No.  |      |       |       |       | Part No.  |      |       |       |       | Part No.  |      |       |       |       |
|-----------|------|-------|-------|-------|-----------|------|-------|-------|-------|-----------|------|-------|-------|-------|
| Part No.  | POS. | L     | P1    | Pack. | Part No.  | POS. | L     | P1    | Pack. | Part No.  | POS. | L     | P1    | Pack. |
| MDS24022  | 2X2  | 4.00  | 2.00  | 1000  | MDS240215 | 2X15 | 30.00 | 28.00 | 500   | MDS240228 | 2X28 | 56.00 | 54.00 | 300   |
| MDS24023  | 2X3  | 6.00  | 4.00  | 1000  | MDS240216 | 2X16 | 32.00 | 30.00 | 500   | MDS240229 | 2X29 | 58.00 | 56.00 | 300   |
| MDS24024  | 2X4  | 8.00  | 6.00  | 1000  | MDS240217 | 2X17 | 34.00 | 32.00 | 500   | MDS240230 | 2X30 | 60.00 | 58.00 | 300   |
| MDS24025  | 2X5  | 10.00 | 8.00  | 1000  | MDS240218 | 2X18 | 36.00 | 34.00 | 500   | MDS240231 | 2X31 | 62.00 | 60.00 | 300   |
| MDS24026  | 2X6  | 12.00 | 10.00 | 1000  | MDS240219 | 2X19 | 38.00 | 36.00 | 500   | MDS240232 | 2X32 | 64.00 | 62.00 | 300   |
| MDS24027  | 2X7  | 14.00 | 12.00 | 1000  | MDS240220 | 2X20 | 40.00 | 38.00 | 500   | MDS240233 | 2X33 | 66.00 | 64.00 | 300   |
| MDS24028  | 2X8  | 16.00 | 14.00 | 1000  | MDS240221 | 2X21 | 42.00 | 40.00 | 300   | MDS240234 | 2X34 | 68.00 | 66.00 | 300   |
| MDS24029  | 2X9  | 18.00 | 16.00 | 1000  | MDS240222 | 2X22 | 44.00 | 42.00 | 300   | MDS240235 | 2X35 | 70.00 | 68.00 | 300   |
| MDS240210 | 2X10 | 20.00 | 18.00 | 1000  | MDS240223 | 2X23 | 46.00 | 44.00 | 300   | MDS240236 | 2X36 | 72.00 | 70.00 | 300   |
| MDS240211 | 2X11 | 22.00 | 20.00 | 500   | MDS240224 | 2X24 | 48.00 | 46.00 | 300   | MDS240237 | 2X37 | 74.00 | 72.00 | 300   |
| MDS240212 | 2X12 | 24.00 | 22.00 | 500   | MDS240225 | 2X25 | 50.00 | 48.00 | 300   | MDS240238 | 2X38 | 76.00 | 74.00 | 300   |
| MDS240213 | 2X13 | 26.00 | 24.00 | 500   | MDS240226 | 2X26 | 52.00 | 50.00 | 300   | MDS240239 | 2X39 | 78.00 | 76.00 | 300   |
| MDS240214 | 2X14 | 28.00 | 26.00 | 500   | MDS240227 | 2X27 | 54.00 | 52.00 | 300   | MDS240240 | 2X40 | 80.00 | 78.00 | 300   |

Unit: mm

# 2402 Wire to Board Connectors - DIP Type



## CONNECTOR - Top Entry

Part No.: MF24023~MF240240

產品編號

Material: Housing: Nylon 94V-0, Black

材質

塑膠座

黑色

Suitable Contact: : 2402PS-2 2402PS-00

配合端子

Suitable Housing: M24023~M240240

配合塑膠

Applicable Wire: AWG# 26~30

適用電線

Square Contact Pin : 0.50±0.20mm

方型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 250V 1A

額定電壓電流

Insulation Resistance: 5000MΩ min.

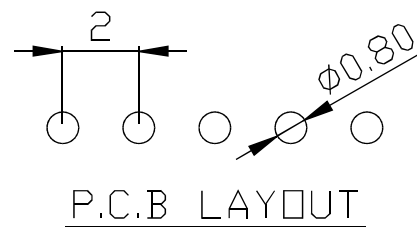
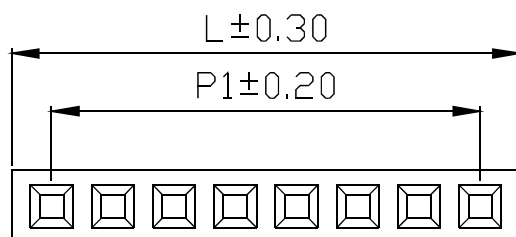
絕緣阻抗

Withstanding Voltage: 500V AC/minute

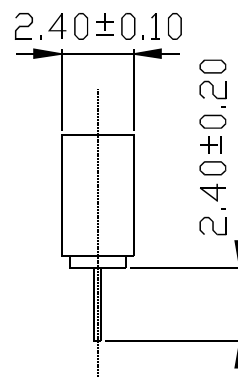
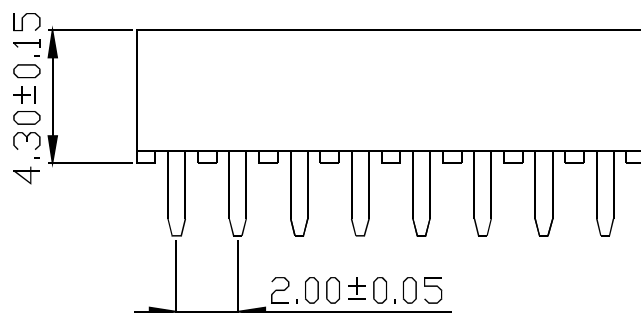
耐電壓

Temperature Range: -40°C~+105°C

適用溫度



2.0mm



| Part No. | POS. | L     | P1    |
|----------|------|-------|-------|
| MF24023  | 3    | 6.50  | 4.00  |
| MF24024  | 4    | 8.50  | 6.00  |
| MF24025  | 5    | 10.50 | 8.00  |
| MF24026  | 6    | 12.50 | 10.00 |
| MF24027  | 7    | 14.50 | 12.00 |
| MF24028  | 8    | 16.50 | 14.00 |
| MF24029  | 9    | 18.50 | 16.00 |
| MF240210 | 10   | 20.50 | 18.00 |
| MF240211 | 11   | 22.50 | 20.00 |
| MF240212 | 12   | 24.50 | 22.00 |
| MF240213 | 13   | 26.50 | 24.00 |
| MF240214 | 14   | 28.50 | 26.00 |
| MF240215 | 15   | 30.50 | 28.00 |

| Part No. | POS. | L     | P1    |
|----------|------|-------|-------|
| MF240216 | 16   | 32.50 | 30.00 |
| MF240217 | 17   | 34.50 | 32.00 |
| MF240218 | 18   | 36.50 | 34.00 |
| MF240219 | 19   | 38.50 | 36.00 |
| MF240220 | 20   | 40.50 | 38.00 |
| MF240221 | 21   | 42.50 | 40.00 |
| MF240222 | 22   | 44.50 | 42.00 |
| MF240223 | 23   | 46.50 | 44.00 |
| MF240224 | 24   | 48.50 | 46.00 |
| MF240225 | 25   | 50.50 | 48.00 |
| MF240226 | 26   | 52.50 | 50.00 |
| MF240227 | 27   | 54.50 | 52.00 |
| MF240228 | 28   | 56.50 | 54.00 |

| Unit: mm |      |       |       |
|----------|------|-------|-------|
| Part No. | POS. | L     | P1    |
| MF240229 | 29   | 58.50 | 56.00 |
| MF240230 | 30   | 60.50 | 58.00 |
| MF240231 | 31   | 62.50 | 60.00 |
| MF240232 | 32   | 64.50 | 62.00 |
| MF240233 | 33   | 66.50 | 64.00 |
| MF240234 | 34   | 68.50 | 66.00 |
| MF240235 | 35   | 70.50 | 68.00 |
| MF240236 | 36   | 72.50 | 70.00 |
| MF240237 | 37   | 74.50 | 72.00 |
| MF240238 | 38   | 76.50 | 74.00 |
| MF240239 | 39   | 78.50 | 76.00 |
| MF240240 | 40   | 80.50 | 78.00 |

# 2402 Wire to Board Connectors - DIP Type



## CONNECTOR - Side Entry

Part No.: MF24023R~MF240240R

產品編號

Material: Housing: P.B.T 94V-0, Black

材質

塑膠座

黑色

Suitable Contact: : 2402PS-2 2402PS-00

配合端子

Suitable Housing: M24023R~M240240R

配合塑膠

Applicable Wire: AWG# 26~30

適用電線

Square Contact Pin : 0.50±0.20mm

方型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 250V 1A

額定電壓電流

Insulation Resistance: 5000MΩ min.

絕緣阻抗

Withstanding Voltage: 500V AC/minute

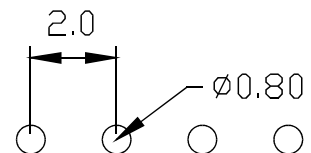
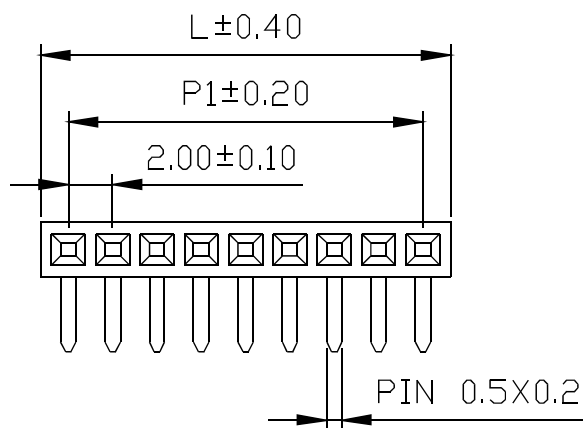
耐電壓

Temperature Range: -40°C~+105°C

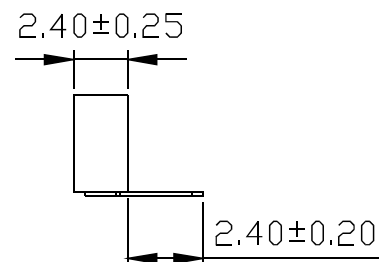
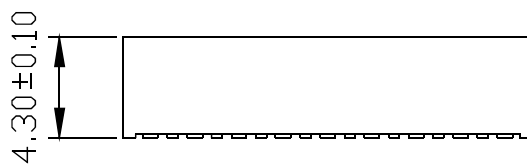
適用溫度



2.0mm



P.C.B LAYOUT



| Part No.  | POS. | L     | P1    | Part No.  | POS. | L     | P1    | Part No.  | POS. | L     | P1    |
|-----------|------|-------|-------|-----------|------|-------|-------|-----------|------|-------|-------|
| MF24023R  | 3    | 6.50  | 4.00  | MF240216R | 16   | 32.50 | 30.00 | MF240229R | 29   | 58.50 | 56.00 |
| MF24024R  | 4    | 8.50  | 6.00  | MF240217R | 17   | 34.50 | 32.00 | MF240230R | 30   | 60.50 | 58.00 |
| MF24025R  | 5    | 10.50 | 8.00  | MF240218R | 18   | 36.50 | 34.00 | MF240231R | 31   | 62.50 | 60.00 |
| MF24026R  | 6    | 12.50 | 10.00 | MF240219R | 19   | 38.50 | 36.00 | MF240232R | 32   | 64.50 | 62.00 |
| MF24027R  | 7    | 14.50 | 12.00 | MF240220R | 20   | 40.50 | 38.00 | MF240233R | 33   | 66.50 | 64.00 |
| MF24028R  | 8    | 16.50 | 14.00 | MF240221R | 21   | 42.50 | 40.00 | MF240234R | 34   | 68.50 | 66.00 |
| MF24029R  | 9    | 18.50 | 16.00 | MF240222R | 22   | 44.50 | 42.00 | MF240235R | 35   | 70.50 | 68.00 |
| MF240210R | 10   | 20.50 | 18.00 | MF240223R | 23   | 46.50 | 44.00 | MF240236R | 36   | 72.50 | 70.00 |
| MF240211R | 11   | 22.50 | 20.00 | MF240224R | 24   | 48.50 | 46.00 | MF240237R | 37   | 74.50 | 72.00 |
| MF240212R | 12   | 24.50 | 22.00 | MF240225R | 25   | 50.50 | 48.00 | MF240238R | 38   | 76.50 | 74.00 |
| MF240213R | 13   | 26.50 | 24.00 | MF240226R | 26   | 52.50 | 50.00 | MF240239R | 39   | 78.50 | 76.00 |
| MF240214R | 14   | 28.50 | 26.00 | MF240227R | 27   | 54.50 | 52.00 | MF240240R | 40   | 80.50 | 78.00 |
| MF240215R | 15   | 30.50 | 28.00 | MF240228R | 28   | 56.50 | 54.00 |           |      |       |       |

Unit: mm

# 2402 Wire to Board Connectors - DIP Type



## CONNECTOR - Top Entry

Part No.: **MDF24022~MDF240240**

產品編號

Material: Housing: Nylon 94V-0, Black

材質

塑膠座

黑色

Contact Pin : Brass, Tin-plated

接觸針

黃銅

鍍錫

Suitable Contact: : 2402PS-2 2402PS-00

配合端子

Suitable Housing: MD24022~MD240240

配合塑膠

Applicable Wire: AWG# 26~30

適用電線

Square Contact Pin : 0.50±0.20mm

方型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 250V 1A

額定電壓電流

Insulation Resistance: 5000MΩ min.

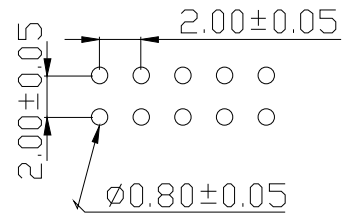
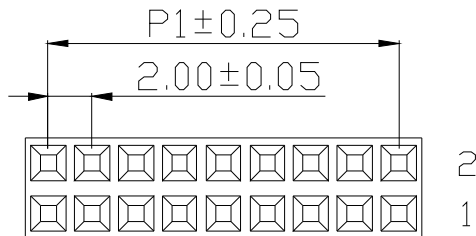
絕緣阻抗

Withstanding Voltage: 500V AC/minute

耐電壓

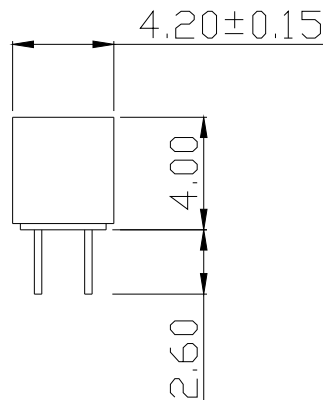
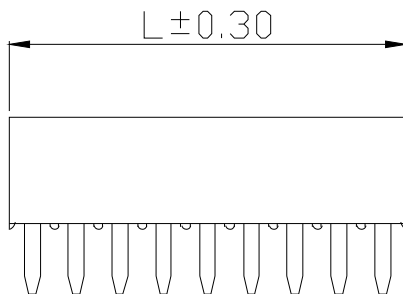
Temperature Range: -40°C~+105°C

適用溫度



P.C.B LAYOUT

2.0mm



| Part No.  |      |       |       |       | Part No.  |      |       |       |       | Part No.  |      |       |       |       |
|-----------|------|-------|-------|-------|-----------|------|-------|-------|-------|-----------|------|-------|-------|-------|
| Part No.  | POS. | L     | P1    | Pack. | Part No.  | POS. | L     | P1    | Pack. | Part No.  | POS. | L     | P1    | Pack. |
| MDF24022  | 2X2  | 4.60  | 2.00  | 1000  | MDF240215 | 2X15 | 30.60 | 28.00 | 500   | MDF240228 | 2X28 | 56.60 | 54.00 | 300   |
| MDF24023  | 2X3  | 6.60  | 4.00  | 1000  | MDF240216 | 2X16 | 32.60 | 30.00 | 500   | MDF240229 | 2X29 | 58.60 | 56.00 | 300   |
| MDF24024  | 2X4  | 8.60  | 6.00  | 1000  | MDF240217 | 2X17 | 34.60 | 32.00 | 500   | MDF240230 | 2X30 | 60.60 | 58.00 | 300   |
| MDF24025  | 2X5  | 10.60 | 8.00  | 1000  | MDF240218 | 2X18 | 36.60 | 34.00 | 500   | MDF240231 | 2X31 | 62.60 | 60.00 | 300   |
| MDF24026  | 2X6  | 12.60 | 10.00 | 1000  | MDF240219 | 2X19 | 38.60 | 36.00 | 500   | MDF240232 | 2X32 | 64.60 | 62.00 | 300   |
| MDF24027  | 2X7  | 14.60 | 12.00 | 1000  | MDF240220 | 2X20 | 40.60 | 38.00 | 500   | MDF240233 | 2X33 | 66.60 | 64.00 | 300   |
| MDF24028  | 2X8  | 16.60 | 14.00 | 1000  | MDF240221 | 2X21 | 42.60 | 40.00 | 300   | MDF240234 | 2X34 | 68.60 | 66.00 | 300   |
| MDF24029  | 2X9  | 18.60 | 16.00 | 1000  | MDF240222 | 2X22 | 44.60 | 42.00 | 300   | MDF240235 | 2X35 | 70.60 | 68.00 | 300   |
| MDF240210 | 2X10 | 20.60 | 18.00 | 1000  | MDF240223 | 2X23 | 46.60 | 44.00 | 300   | MDF240236 | 2X36 | 72.60 | 70.00 | 300   |
| MDF240211 | 2X11 | 22.60 | 20.00 | 500   | MDF240224 | 2X24 | 48.60 | 46.00 | 300   | MDF240237 | 2X37 | 74.60 | 72.00 | 300   |
| MDF240212 | 2X12 | 24.60 | 22.00 | 500   | MDF240225 | 2X25 | 50.60 | 48.00 | 300   | MDF240238 | 2X38 | 76.60 | 74.00 | 300   |
| MDF240213 | 2X13 | 26.60 | 24.00 | 500   | MDF240226 | 2X26 | 52.60 | 50.00 | 300   | MDF240239 | 2X39 | 78.60 | 76.00 | 300   |
| MDF240214 | 2X14 | 28.60 | 26.00 | 500   | MDF240227 | 2X27 | 54.60 | 52.00 | 300   | MDF240240 | 2X40 | 80.60 | 78.00 | 300   |

Unit: mm

# 2402 Wire to Board Connectors - DIP Type



## CONNECTOR - Top Entry

Part No.: MDF24022~MDF240240 RF:B

產品編號

Material: Housing: Nylon 94V-0, Black

材質

塑膠座

黑色

Contact Pin : Brass, Tin-plated

接觸針

黃銅

鍍錫

Suitable Contact: : 2402PS-2 2402PS-00

配合端子

Suitable Housing: MD24022~MD240240

配合塑膠

Applicable Wire: AWG# 26~30

適用電線

Square Contact Pin : 0.50±0.20mm

方型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 250V 2A

額定電壓電流

Insulation Resistance: 1000MΩ min.

絕緣阻抗

Withstanding Voltage: 500V AC/minute

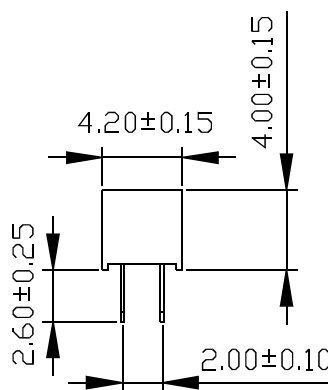
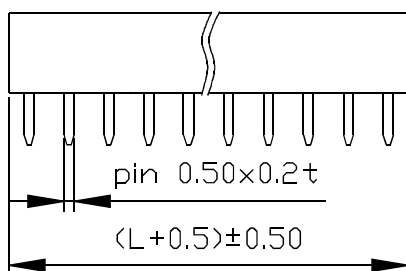
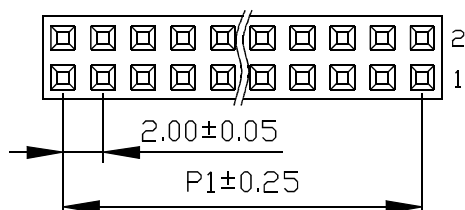
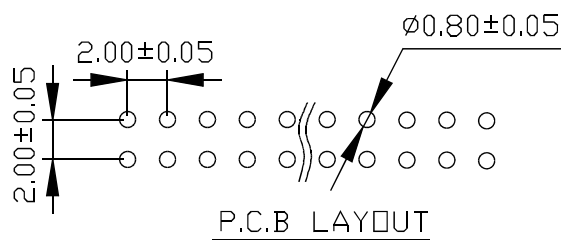
耐電壓

Temperature Range: -40°C~+105°C

適用溫度



2.0mm



| TOLERANCE |       |
|-----------|-------|
| .0        | ±0.20 |
| .00       | ±0.15 |

Unit: mm

| Part No.  | RF | POS  | L     | P1    | Pack.    |
|-----------|----|------|-------|-------|----------|
| MDF24022  | B  | 2X2  | 4.00  | 2.00  | 1000/Box |
| MDF240220 | B  | 2X20 | 40.00 | 38.00 | 100/Tray |
| MDF240240 | B  | 2X40 | 80.00 | 78.00 | 60/Tray  |

# 2402 Wire to Board Connectors - DIP Type



## CONNECTOR - Side Entry

Part No.: **MDF24022R~MDF240240R**

產品編號

Material: Housing: Nylon 94V-0, Black

材質

塑膠座

黑色

Contact Pin : Brass, Tin-plated

接觸針

黃銅

鍍錫

Suitable Contact: : 2402PS-2 2402PS-00

配合端子

Suitable Housing: MD24022~MD240240

配合塑膠

MD24022R~MD240240R

Applicable Wire: AWG#26~30

適用電線

Square Contact Pin : 0.50±0.03mm

方型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 250V 1A

額定電壓電流

Insulation Resistance: 500MΩ min.

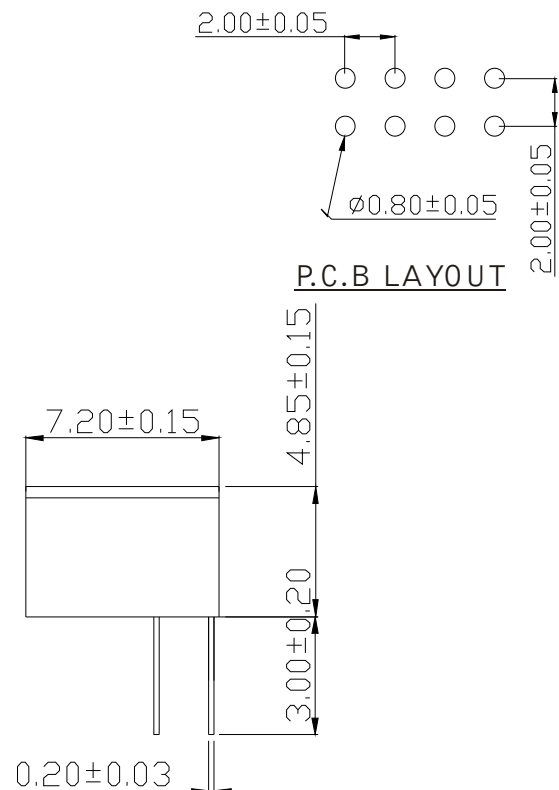
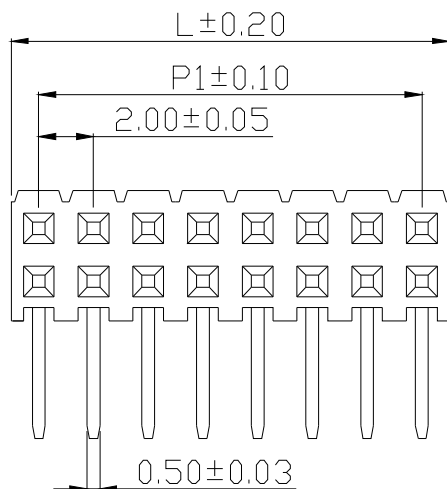
絕緣阻抗

Withstanding Voltage: 500V AC/minute

耐電壓

Temperature Range: -40°C~+105°C

適用溫度



| Part No.  |      |       |       |       | Part No.   |      |       |       |       | Part No.   |      |       |       |       |
|-----------|------|-------|-------|-------|------------|------|-------|-------|-------|------------|------|-------|-------|-------|
| Part No.  | POS. | L     | P1    | Pack. | Part No.   | POS. | L     | P1    | Pack. | Part No.   | POS. | L     | P1    | Pack. |
| MDF24022R | 2X2  | 4.60  | 2.00  | 1000  | MDF240215R | 2X15 | 30.60 | 28.00 | 500   | MDF240228R | 2X28 | 56.60 | 54.00 | 300   |
| MDF24023R | 2X3  | 6.60  | 4.00  | 1000  | MDF240216R | 2X16 | 32.60 | 30.00 | 500   | MDF240229R | 2X29 | 58.60 | 56.00 | 300   |
| MDF24024R | 2X4  | 8.60  | 6.00  | 1000  | MDF240217R | 2X17 | 34.60 | 32.00 | 500   | MDF240230R | 2X30 | 60.60 | 58.00 | 300   |
| MDF24025R | 2X5  | 10.60 | 8.00  | 1000  | MDF240218R | 2X18 | 36.60 | 34.00 | 500   | MDF240231R | 2X31 | 62.60 | 60.00 | 300   |
| MDF24026R | 2X6  | 12.60 | 10.00 | 1000  | MDF240219R | 2X19 | 38.60 | 36.00 | 500   | MDF240232R | 2X32 | 64.60 | 62.00 | 300   |
| MDF24027R | 2X7  | 14.60 | 12.00 | 1000  | MDF240220R | 2X20 | 40.60 | 38.00 | 500   | MDF240233R | 2X33 | 66.60 | 64.00 | 300   |
| MDF24028R | 2X8  | 16.60 | 14.00 | 1000  | MDF240221R | 2X21 | 42.60 | 40.00 | 300   | MDF240234R | 2X34 | 68.60 | 66.00 | 300   |
| MDF24029R | 2X9  | 18.60 | 16.00 | 1000  | MDF240222R | 2X22 | 44.60 | 42.00 | 300   | MDF240235R | 2X35 | 70.60 | 68.00 | 300   |
| MDF24030R | 2X10 | 20.60 | 18.00 | 1000  | MDF240223R | 2X23 | 46.60 | 44.00 | 300   | MDF240236R | 2X36 | 72.60 | 70.00 | 300   |
| MDF24031R | 2X11 | 22.60 | 20.00 | 500   | MDF240224R | 2X24 | 48.60 | 46.00 | 300   | MDF240237R | 2X37 | 74.60 | 72.00 | 300   |
| MDF24032R | 2X12 | 24.60 | 22.00 | 500   | MDF240225R | 2X25 | 50.60 | 48.00 | 300   | MDF240238R | 2X38 | 76.60 | 74.00 | 300   |
| MDF24033R | 2X13 | 26.60 | 24.00 | 500   | MDF240226R | 2X26 | 52.60 | 50.00 | 300   | MDF240239R | 2X39 | 78.60 | 76.00 | 300   |
| MDF24034R | 2X14 | 28.60 | 26.00 | 500   | MDF240227R | 2X27 | 54.60 | 52.00 | 300   | MDF240240R | 2X40 | 80.60 | 78.00 | 300   |

Unit: mm

# 2402 Wire to Board Connectors



## CONNECTOR - Top Entry

Part No.: **M24022~M240240**

產品編號

Material: Housing: P.B.T 94V-2, Black

材質

塑膠座

黑色

Contact Pin : Brass, Gold-flash

接觸針

黃銅, 鍍金

Suitable Contact: : 2402PS-2 2402PS-00

配合端子

Suitable Housing: P24022~P240240

配合塑膠

Applicable Wire: AWG#26~30

適用電線

Square Contact Pin :  $0.50 \pm 0.02\text{mm}$

方型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 250V 1A

額定電壓電流

Insulation Resistance: 500MΩ min.

絕緣阻抗

Withstanding Voltage: 500V AC/minute

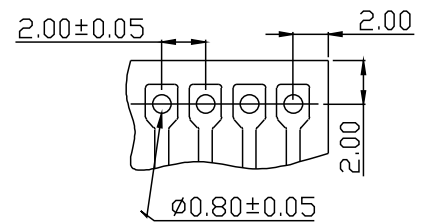
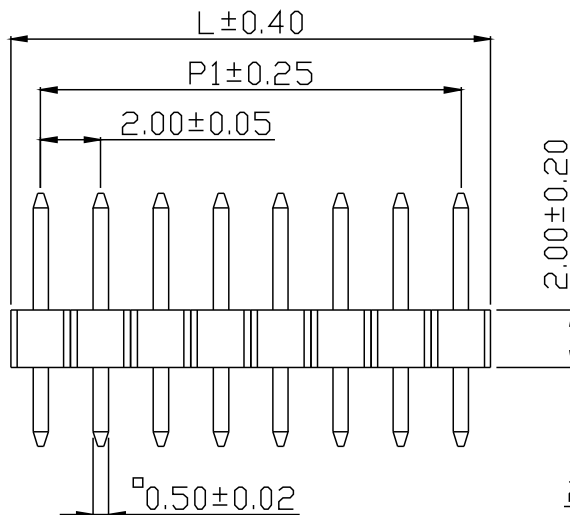
耐電壓

Temperature Range:  $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

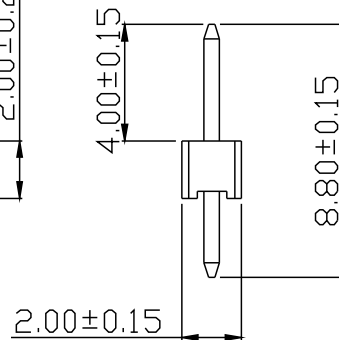
適用溫度



2.0mm



P.C.B LAYOUT



| Part No. |      |       |       |       | Part No. |      |       |       |       | Part No. |      |       |       |       |
|----------|------|-------|-------|-------|----------|------|-------|-------|-------|----------|------|-------|-------|-------|
| Part No. | POS. | L     | P1    | Pack. | Part No. | POS. | L     | P1    | Pack. | Part No. | POS. | L     | P1    | Pack. |
| M24022   | 2    | 4.00  | 2.00  | 1000  | M240215  | 15   | 30.00 | 28.00 | 1000  | M240228  | 28   | 56.00 | 54.00 | 500   |
| M24023   | 3    | 6.00  | 4.00  | 1000  | M240216  | 16   | 32.00 | 30.00 | 1000  | M240229  | 29   | 58.00 | 56.00 | 500   |
| M24024   | 4    | 8.00  | 6.00  | 1000  | M240217  | 17   | 34.00 | 32.00 | 1000  | M240230  | 30   | 60.00 | 58.00 | 500   |
| M24025   | 5    | 10.00 | 8.00  | 1000  | M240218  | 18   | 36.00 | 34.00 | 1000  | M240231  | 31   | 62.00 | 60.00 | 500   |
| M24026   | 6    | 12.00 | 10.00 | 1000  | M240219  | 19   | 38.00 | 36.00 | 1000  | M240232  | 32   | 64.00 | 62.00 | 500   |
| M24027   | 7    | 14.00 | 12.00 | 1000  | M240220  | 20   | 40.00 | 38.00 | 1000  | M240233  | 33   | 66.00 | 64.00 | 200   |
| M24028   | 8    | 16.00 | 14.00 | 1000  | M240221  | 21   | 42.00 | 40.00 | 1000  | M240234  | 34   | 68.00 | 66.00 | 200   |
| M24029   | 9    | 18.00 | 16.00 | 1000  | M240222  | 22   | 44.00 | 42.00 | 1000  | M240235  | 35   | 70.00 | 68.00 | 200   |
| M240210  | 10   | 20.00 | 18.00 | 1000  | M240223  | 23   | 46.00 | 44.00 | 1000  | M240236  | 36   | 72.00 | 70.00 | 200   |
| M240211  | 11   | 22.00 | 20.00 | 1000  | M240224  | 24   | 48.00 | 46.00 | 1000  | M240237  | 37   | 74.00 | 72.00 | 200   |
| M240212  | 12   | 24.00 | 22.00 | 1000  | M240225  | 25   | 50.00 | 48.00 | 1000  | M240238  | 38   | 76.00 | 74.00 | 200   |
| M240213  | 13   | 26.00 | 24.00 | 1000  | M240226  | 26   | 52.00 | 50.00 | 500   | M240239  | 39   | 78.00 | 76.00 | 200   |
| M240214  | 14   | 28.00 | 26.00 | 1000  | M240227  | 27   | 54.00 | 52.00 | 500   | M240240  | 40   | 80.00 | 78.00 | 200   |

Unit: mm



# 2402 Wire to Board Connectors



## CONNECTOR - Top Entry

Part No.: MD24022~MD240240

產品編號

Material: Housing: P.B.T 94V-2, Black

材質

塑膠座

黑色

Contact Pin : Brass, Gold-flash

接觸針

黃銅, 鍍金

Suitable Contact: : 2402PS-2 2402PS-00

配合端子

Suitable Housing: PD24021~PD240240

配合塑膠

MDF24022~MDF240240

Applicable Wire: AWG#26~30

適用電線

Square Contact Pin :  $0.50 \pm 0.02\text{mm}$

方型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 250V 1A

額定電壓電流

Insulation Resistance: 500M $\Omega$  min.

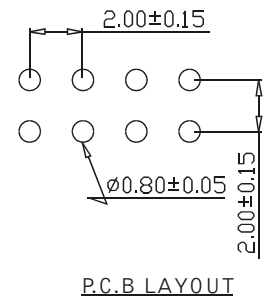
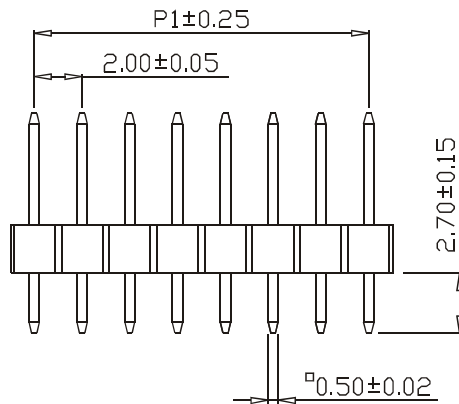
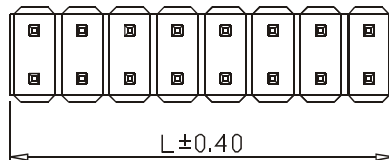
絕緣阻抗

Withstanding Voltage: 500V AC/minute

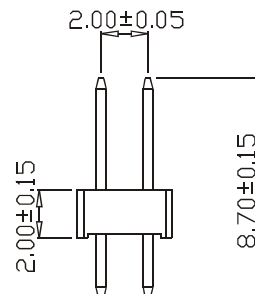
耐電壓

Temperature Range: -40°C~+105°C

適用溫度



2.0mm



Unit: mm

| Part No. | POS. | L     | P1    | Pack. | Part No. | POS. | L     | P1    | Pack. | Part No. | POS. | L     | P1    | Pack. |
|----------|------|-------|-------|-------|----------|------|-------|-------|-------|----------|------|-------|-------|-------|
| MD24022  | 2X2  | 4.00  | 2.00  | 1000  | MD240215 | 2X15 | 30.00 | 28.00 | 500   | MD240228 | 2X28 | 56.00 | 54.00 | 300   |
| MD24023  | 2X3  | 6.00  | 4.00  | 1000  | MD240216 | 2X16 | 32.00 | 30.00 | 500   | MD240229 | 2X29 | 58.00 | 56.00 | 300   |
| MD24024  | 2X4  | 8.00  | 6.00  | 1000  | MD240217 | 2X17 | 34.00 | 32.00 | 500   | MD240230 | 2X30 | 60.00 | 58.00 | 300   |
| MD24025  | 2X5  | 10.00 | 8.00  | 1000  | MD240218 | 2X18 | 36.00 | 34.00 | 500   | MD240231 | 2X31 | 62.00 | 60.00 | 300   |
| MD24026  | 2X6  | 12.00 | 10.00 | 1000  | MD240219 | 2X19 | 38.00 | 36.00 | 500   | MD240232 | 2X32 | 64.00 | 62.00 | 300   |
| MD24027  | 2X7  | 14.00 | 12.00 | 1000  | MD240220 | 2X20 | 40.00 | 38.00 | 500   | MD240233 | 2X33 | 66.00 | 64.00 | 300   |
| MD24028  | 2X8  | 16.00 | 14.00 | 1000  | MD240221 | 2X21 | 42.00 | 40.00 | 300   | MD240234 | 2X34 | 68.00 | 66.00 | 300   |
| MD24029  | 2X9  | 18.00 | 16.00 | 1000  | MD240222 | 2X22 | 44.00 | 42.00 | 300   | MD240235 | 2X35 | 70.00 | 68.00 | 300   |
| MD240210 | 2X10 | 20.00 | 18.00 | 1000  | MD240223 | 2X23 | 46.00 | 44.00 | 300   | MD240236 | 2X36 | 72.00 | 70.00 | 300   |
| MD240211 | 2X11 | 22.00 | 20.00 | 500   | MD240224 | 2X24 | 48.00 | 46.00 | 300   | MD240237 | 2X37 | 74.00 | 72.00 | 300   |
| MD240212 | 2X12 | 24.00 | 22.00 | 500   | MD240225 | 2X25 | 50.00 | 48.00 | 300   | MD240238 | 2X38 | 76.00 | 74.00 | 300   |
| MD240213 | 2X13 | 26.00 | 24.00 | 500   | MD240226 | 2X26 | 52.00 | 50.00 | 300   | MD240239 | 2X39 | 78.00 | 76.00 | 300   |
| MD240214 | 2X14 | 28.00 | 26.00 | 500   | MD240227 | 2X27 | 54.00 | 52.00 | 300   | MD240240 | 2X40 | 80.00 | 78.00 | 300   |

# 2402 Wire to Board Connectors



## CONNECTOR - Side Entry

Part No.: **M24022R~M240240R**

產品編號

Material: Housing: P.B.T 94V-2, Black

材質

塑膠座

黑色

Contact Pin : Brass, Gold-flash

接觸針

黃銅

鍍金

Suitable Contact: : 2402PS-2 2402PS-00

配合端子

Suitable Housing: P24022~P240240

配合塑膠

Applicable Wire: AWG#26~30

適用電線

Square Contact Pin : 0.50±0.02mm

方型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 250V 1A

額定電壓電流

Insulation Resistance: 500MΩ min.

絕緣阻抗

Withstanding Voltage: 500V AC/minute

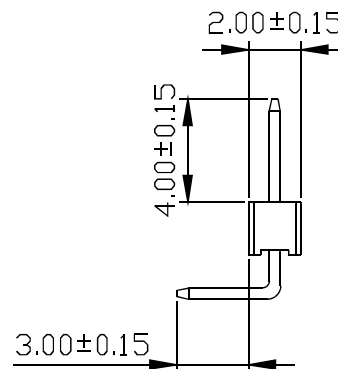
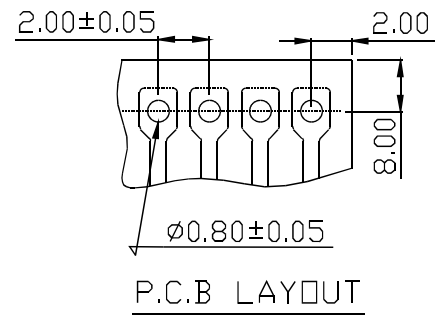
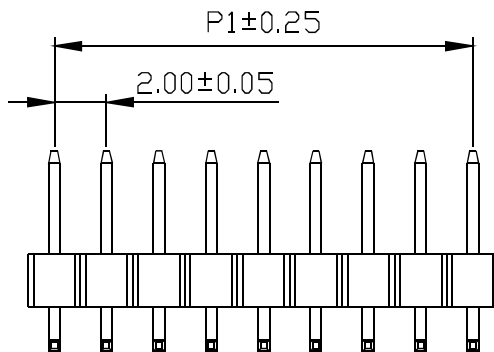
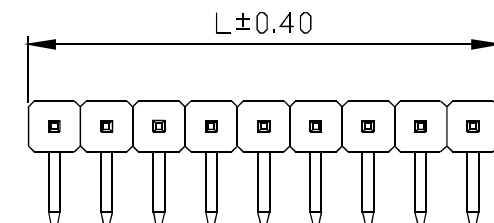
耐電壓

Temperature Range: -40°C~+105°C

適用溫度



2.0mm



| Part No. | POS. | L     | P1    | Pack. | Part No. | POS. | L     | P1    | Pack. | Part No. | POS. | L     | P1    | Pack. |
|----------|------|-------|-------|-------|----------|------|-------|-------|-------|----------|------|-------|-------|-------|
| M24022R  | 2    | 4.00  | 2.00  | 1000  | M240215R | 15   | 30.00 | 28.00 | 1000  | M240228R | 28   | 56.00 | 54.00 | 500   |
| M24023R  | 3    | 6.00  | 4.00  | 1000  | M240216R | 16   | 32.00 | 30.00 | 1000  | M240229R | 29   | 58.00 | 56.00 | 500   |
| M24024R  | 4    | 8.00  | 6.00  | 1000  | M240217R | 17   | 34.00 | 32.00 | 1000  | M240230R | 30   | 60.00 | 58.00 | 500   |
| M24025R  | 5    | 10.00 | 8.00  | 1000  | M240218R | 18   | 36.00 | 34.00 | 1000  | M240231R | 31   | 62.00 | 60.00 | 500   |
| M24026R  | 6    | 12.00 | 10.00 | 1000  | M240219R | 19   | 38.00 | 36.00 | 1000  | M240232R | 32   | 64.00 | 62.00 | 500   |
| M24027R  | 7    | 14.00 | 12.00 | 1000  | M240220R | 20   | 40.00 | 38.00 | 1000  | M240233R | 33   | 66.00 | 64.00 | 200   |
| M24028R  | 8    | 16.00 | 14.00 | 1000  | M240221R | 21   | 42.00 | 40.00 | 1000  | M240234R | 34   | 68.00 | 66.00 | 200   |
| M24029R  | 9    | 18.00 | 16.00 | 1000  | M240222R | 22   | 44.00 | 42.00 | 1000  | M240235R | 35   | 70.00 | 68.00 | 200   |
| M240210R | 10   | 20.00 | 18.00 | 1000  | M240223R | 23   | 46.00 | 44.00 | 1000  | M240236R | 36   | 72.00 | 70.00 | 200   |
| M240211R | 11   | 22.00 | 20.00 | 1000  | M240224R | 24   | 48.00 | 46.00 | 1000  | M240237R | 37   | 74.00 | 72.00 | 200   |
| M240212R | 12   | 24.00 | 22.00 | 1000  | M240225R | 25   | 50.00 | 48.00 | 1000  | M240238R | 38   | 76.00 | 74.00 | 200   |
| M240213R | 13   | 26.00 | 24.00 | 1000  | M240226R | 26   | 52.00 | 50.00 | 500   | M240239R | 39   | 78.00 | 76.00 | 200   |
| M240214R | 14   | 28.00 | 26.00 | 1000  | M240227R | 27   | 54.00 | 52.00 | 500   | M240240R | 40   | 80.00 | 78.00 | 200   |

Unit: mm

# 2402 Wire to Board Connectors



## CONNECTOR - Side Entry

Part No.: MD24021R~MD240240R

產品編號

Material: Housing: P.B.T 94V-2, Black

材質

塑膠座

黑色

Contact Pin : Brass, Gold-flash

接觸針

黃銅,

鍍金

Suitable Contact: : 2402PS-2 2402PS-00

配合端子

Suitable Housing: PD24021~PD240240

配合塑膠

MDF24022R~MDF240240R

Applicable Wire: AWG#26~30

適用電線

Square Contact Pin : 0.50±0.02mm

方型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 250V 1A

額定電壓電流

Insulation Resistance: 500MΩ min.

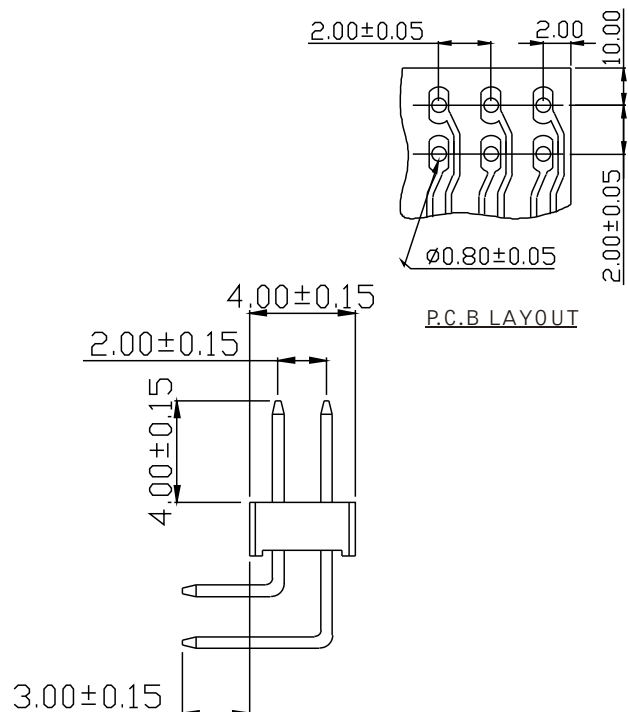
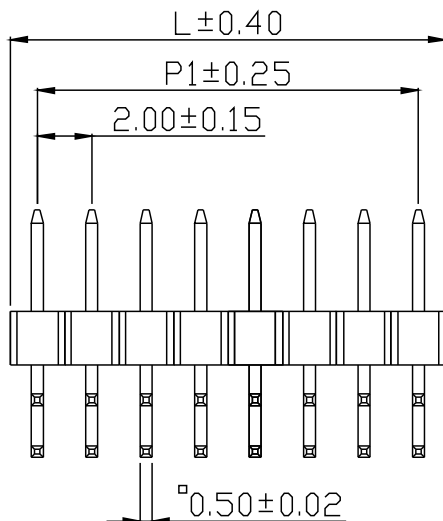
絕緣阻抗

Withstanding Voltage: 500V AC/minute

耐電壓

Temperature Range: -40°C~+105°C

適用溫度



2.0mm

| Part No.  | POS. | L     | P1    | Pack. | Part No.  | POS. | L     | P1    | Pack. | Part No.  | POS. | L     | P1    | Pack. |
|-----------|------|-------|-------|-------|-----------|------|-------|-------|-------|-----------|------|-------|-------|-------|
| MD24022R  | 2X2  | 4.00  | 2.00  | 1000  | MD240215R | 2X15 | 30.00 | 28.00 | 500   | MD240228R | 2X28 | 56.00 | 54.00 | 300   |
| MD24023R  | 2X3  | 6.00  | 4.00  | 1000  | MD240216R | 2X16 | 32.00 | 30.00 | 500   | MD240229R | 2X29 | 58.00 | 56.00 | 300   |
| MD24024R  | 2X4  | 8.00  | 6.00  | 1000  | MD240217R | 2X17 | 34.00 | 32.00 | 500   | MD240230R | 2X30 | 60.00 | 58.00 | 300   |
| MD24025R  | 2X5  | 10.00 | 8.00  | 1000  | MD240218R | 2X18 | 36.00 | 34.00 | 500   | MD240231R | 2X31 | 62.00 | 60.00 | 300   |
| MD24026R  | 2X6  | 12.00 | 10.00 | 1000  | MD240219R | 2X19 | 38.00 | 36.00 | 500   | MD240232R | 2X32 | 64.00 | 62.00 | 300   |
| MD24027R  | 2X7  | 14.00 | 12.00 | 1000  | MD240220R | 2X20 | 40.00 | 38.00 | 500   | MD240233R | 2X33 | 66.00 | 64.00 | 300   |
| MD24028R  | 2X8  | 16.00 | 14.00 | 1000  | MD240221R | 2X21 | 42.00 | 40.00 | 300   | MD240234R | 2X34 | 68.00 | 66.00 | 300   |
| MD24029R  | 2X9  | 18.00 | 16.00 | 1000  | MD240222R | 2X22 | 44.00 | 42.00 | 300   | MD240235R | 2X35 | 70.00 | 68.00 | 300   |
| MD240210R | 2X10 | 20.00 | 18.00 | 1000  | MD240223R | 2X23 | 46.00 | 44.00 | 300   | MD240236R | 2X36 | 72.00 | 70.00 | 300   |
| MD240211R | 2X11 | 22.00 | 20.00 | 500   | MD240224R | 2X24 | 48.00 | 46.00 | 300   | MD240237R | 2X37 | 74.00 | 72.00 | 300   |
| MD240212R | 2X12 | 24.00 | 22.00 | 500   | MD240225R | 2X25 | 50.00 | 48.00 | 300   | MD240238R | 2X38 | 76.00 | 74.00 | 300   |
| MD240213R | 2X13 | 26.00 | 24.00 | 500   | MD240226R | 2X26 | 52.00 | 50.00 | 300   | MD240239R | 2X39 | 78.00 | 76.00 | 300   |
| MD240214R | 2X14 | 28.00 | 26.00 | 500   | MD240227R | 2X27 | 54.00 | 52.00 | 300   | MD240240R | 2X40 | 80.00 | 78.00 | 300   |

Unit: mm

# 2402 Wire to Board Connectors



## HOUSING

Part No.: P24021~P240240

產品編號

Material: Nylon 94V-2, Black

材質

黑色

Suitable Contact: : 2402PS-2 2402PS-00

配合端子

Suitable Connector: M24022~M240240

配合公座

M24022R~M240240R

MS24022~MS240240

Applicable Wire:AWG#26~30

適用電線

## PERFORMANCE

Electrical Rating: AC/DC 250V 3A

額定電壓電流

Insulation Resistance: 1000MΩ min.

絕緣阻抗

Withstanding Voltage: 250V AC/minute

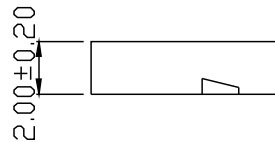
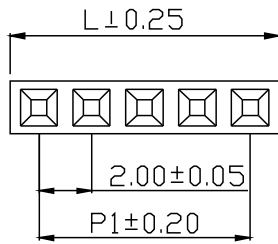
耐電壓

Temperature Range: -25°C~+85°C

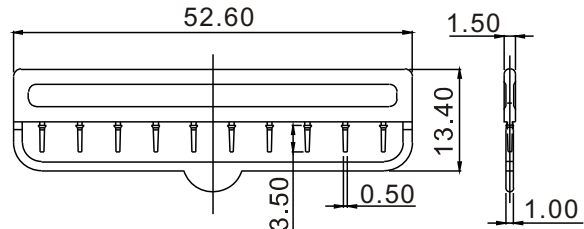
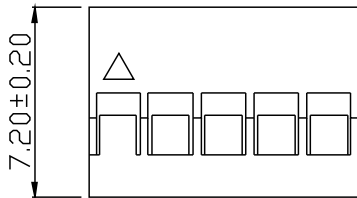
適用溫度



2.0mm



Jumper: Part Number PIN2402



| Part No. |      |       |       |       | Part No. |      |       |       |       | Part No. |      |       |       |       |
|----------|------|-------|-------|-------|----------|------|-------|-------|-------|----------|------|-------|-------|-------|
| Part No. | POS. | L     | P1    | Pack. | Part No. | POS. | L     | P1    | Pack. | Part No. | POS. | L     | P1    | Pack. |
| P24022   | 2    | 4.20  | 2.00  | 1000  | P240215  | 15   | 30.20 | 28.00 | 500   | P240228  | 28   | 56.20 | 54.00 | 500   |
| P24023   | 3    | 6.20  | 4.00  | 1000  | P240216  | 16   | 32.20 | 30.00 | 500   | P240229  | 29   | 58.20 | 56.00 | 500   |
| P24024   | 4    | 8.20  | 6.00  | 1000  | P240217  | 17   | 34.20 | 32.00 | 500   | P240230  | 30   | 60.20 | 58.00 | 500   |
| P24025   | 5    | 10.20 | 8.00  | 1000  | P240218  | 18   | 36.20 | 34.00 | 500   | P240231  | 31   | 62.20 | 60.00 | 500   |
| P24026   | 6    | 12.20 | 10.00 | 1000  | P240219  | 19   | 38.20 | 36.00 | 500   | P240232  | 32   | 64.20 | 62.00 | 500   |
| P24027   | 7    | 14.20 | 12.00 | 1000  | P240220  | 20   | 40.20 | 38.00 | 500   | P240233  | 33   | 66.20 | 64.00 | 500   |
| P24028   | 8    | 16.20 | 14.00 | 1000  | P240221  | 21   | 42.20 | 40.00 | 500   | P240234  | 34   | 68.20 | 66.00 | 500   |
| P24029   | 9    | 18.20 | 16.00 | 1000  | P240222  | 22   | 44.20 | 42.00 | 500   | P240235  | 35   | 70.20 | 68.00 | 500   |
| P240210  | 10   | 20.20 | 18.00 | 1000  | P240223  | 23   | 46.20 | 44.00 | 500   | P240236  | 36   | 72.20 | 70.00 | 500   |
| P240211  | 11   | 22.20 | 20.00 | 1000  | P240224  | 24   | 48.20 | 46.00 | 500   | P240237  | 37   | 74.20 | 72.00 | 500   |
| P240212  | 12   | 24.20 | 22.00 | 1000  | P240225  | 25   | 50.20 | 48.00 | 500   | P240238  | 38   | 76.20 | 74.00 | 500   |
| P240213  | 13   | 26.20 | 24.00 | 1000  | P240226  | 26   | 52.20 | 50.00 | 500   | P240239  | 39   | 78.20 | 76.00 | 500   |
| P240214  | 14   | 28.20 | 26.00 | 500   | P240227  | 27   | 54.20 | 52.00 | 500   | P240240  | 40   | 80.20 | 78.00 | 500   |

Unit: mm

# 2402 Wire to Board Connectors



## HOUSING

Part No.: PD24021~PD240240

產品編號

Material: Nylon 94V-2, Black

材質

黑色

Suitable Contact: : 2402PS-2 2402PS-00

配合端子

Suitable Connector: MD24021~MD240240

配合公座

MD24021R~MD240240R

MDS24022~MDS240240

MDF24022~MDF240240

MDF24022R~MDF240240R

Applicable Wire: AWG#26~30

適用電線

## PERFORMANCE

Electrical Rating: AC/DC 250V 3A

額定電壓電流

Insulation Resistance: 1000MΩ min.

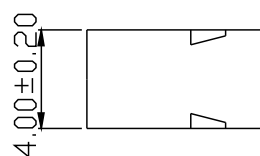
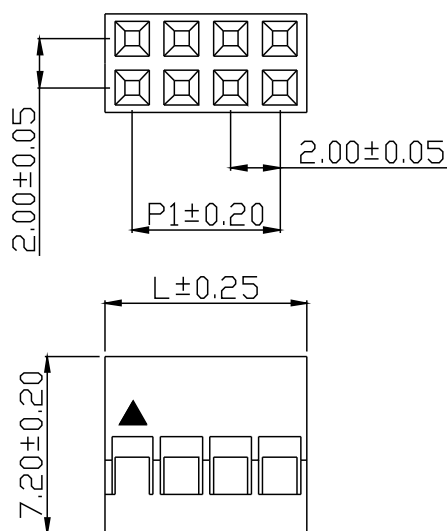
絕緣阻抗

Withstanding Voltage: 250V AC/minute

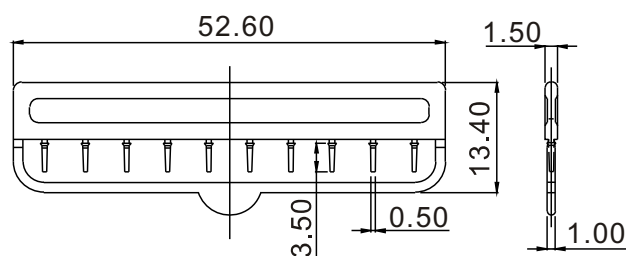
耐電壓

Temperature Range: -25°C~+85°C

適用溫度



Jumper: Part Number PIN2402



| Part No. |      |       |       |       | Part No. |      |       |       |       | Part No. |      |       |       |       |
|----------|------|-------|-------|-------|----------|------|-------|-------|-------|----------|------|-------|-------|-------|
| Part No. | POS. | L     | P1    | Pack. | Part No. | POS. | L     | P1    | Pack. | Part No. | POS. | L     | P1    | Pack. |
| PD24022  | 2X2  | 4.20  | 2.00  | 1000  | PD240215 | 2X15 | 30.20 | 28.00 | 1000  | PD240228 | 2X28 | 56.20 | 54.00 | 500   |
| PD24023  | 2X3  | 6.20  | 4.00  | 1000  | PD240216 | 2X16 | 32.20 | 30.00 | 1000  | PD240229 | 2X29 | 58.20 | 56.00 | 500   |
| PD24024  | 2X4  | 8.20  | 6.00  | 1000  | PD240217 | 2X17 | 34.20 | 32.00 | 500   | PD240230 | 2X30 | 60.20 | 58.00 | 500   |
| PD24025  | 2X5  | 10.20 | 8.00  | 1000  | PD240218 | 2X18 | 36.20 | 34.00 | 500   | PD240231 | 2X31 | 62.20 | 60.00 | 250   |
| PD24026  | 2X6  | 12.20 | 10.00 | 1000  | PD240219 | 2X19 | 38.20 | 36.00 | 500   | PD240232 | 2X32 | 64.20 | 62.00 | 250   |
| PD24027  | 2X7  | 14.20 | 12.00 | 1000  | PD240220 | 2X20 | 40.20 | 38.00 | 500   | PD240233 | 2X33 | 66.20 | 64.00 | 250   |
| PD24028  | 2X8  | 16.20 | 14.00 | 1000  | PD240221 | 2X21 | 42.20 | 40.00 | 500   | PD240234 | 2X34 | 68.20 | 66.00 | 250   |
| PD24029  | 2X9  | 18.20 | 16.00 | 1000  | PD240222 | 2X22 | 44.20 | 42.00 | 500   | PD240235 | 2X35 | 70.20 | 68.00 | 250   |
| PD240210 | 2X10 | 20.20 | 18.00 | 1000  | PD240223 | 2X23 | 46.20 | 44.00 | 500   | PD240236 | 2X36 | 72.20 | 70.00 | 250   |
| PD240211 | 2X11 | 22.20 | 20.00 | 1000  | PD240224 | 2X24 | 48.20 | 46.00 | 500   | PD240237 | 2X37 | 74.20 | 72.00 | 250   |
| PD240212 | 2X12 | 24.20 | 22.00 | 1000  | PD240225 | 2X25 | 50.20 | 48.00 | 500   | PD240238 | 2X38 | 76.20 | 74.00 | 250   |
| PD240213 | 2X13 | 26.20 | 24.00 | 1000  | PD240226 | 2X26 | 52.20 | 50.00 | 500   | PD240239 | 2X39 | 78.20 | 76.00 | 250   |
| PD240214 | 2X14 | 28.20 | 26.00 | 1000  | PD240227 | 2X27 | 54.20 | 52.00 | 500   | PD240240 | 2X40 | 80.20 | 78.00 | 250   |

Unit: mm

2.0mm

# 2402 Wire to Board Connectors



## TERMINAL

Part No.: **2402PS-2 2402PS-00**

產品編號

Thickness: 0.20mm

銅板厚度

Material: Phosphor Bronze

材質 磷青銅

Surface Treatment: Tin-plated (-2)

表面處理

鍍錫

Gold-flash(-00)A

鍍金

Applicable Wire: AWG#26-30

適用電線

Insulation O.D.: 0.80~1.20mm

線皮外徑

Suitable Housing: P24021~P240240 PD24021~PD240240

配合塑膠

Suitable Connector: M24022~M240240 MD24021~MD240240

配合公座

## PERFORMANCE

Electrical Rating: AC/DC 250V 3A

額定電壓電流

Insulation Resistance: 1000MΩ min.

絕緣阻抗

Withstanding Voltage: 250V AC/minute

耐電壓

Temperature Range: -25°C~+85°C

適用溫度



2.0mm

Packing: 10,000PCS(Reel)

包裝數量

