# 2405

## Pitch *1.5mm* Wire to Board Connectors - SMT Type

## PERFORMANCE

Electrical Rating: AC/DC 50V 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: -25℃~+85℃
適用溫度

Halogen Free
REACH
RoHS Compliant

1.5mm

## CONNECTOR - Top Entry

Part No.:**MS24052~MS240513**
產品編號

Material: Housing:Nylon 94V-0
材質 塑膠座

Contact Pin: Brass, Tin-plated
接觸針 黃銅, 鍍錫

Suitable Contact: 2405PS-2
配合端子

Suitable Housing: P24052~P240513
配合塑膠

Applicable Wire: AWG#26~30
適用電線

Round Contact Pin: φ0.50±0.02mm
圓型接觸針

| TOLERANCE | |
|---|---|
| X. | ±0.35 |
| X.X | ±0.25 |
| X.XX | ±0.15 |
| X.XXX | ±0.05 |

Unit: mm

| Part No. | POS. | L | L1 | P1 | Pack. |
|---|---|---|---|---|---|
| MS24052 | 2 | 6.00 | 3.60 | 1.50 | 1000 |
| MS24053 | 3 | 7.50 | 5.10 | 3.00 | 1000 |
| MS24054 | 4 | 9.00 | 6.60 | 4.50 | 1000 |
| MS24055 | 5 | 10.50 | 8.10 | 6.00 | 1000 |
| MS24056 | 6 | 12.00 | 9.60 | 7.50 | 1000 |
| MS24057 | 7 | 13.50 | 11.10 | 9.00 | 1000 |

| Part No. | POS. | L | L1 | P1 | Pack. |
|---|---|---|---|---|---|
| MS24058 | 8 | 15.00 | 12.60 | 10.50 | 1000 |
| MS24059 | 9 | 16.50 | 14.10 | 12.00 | 1000 |
| MS240510 | 10 | 18.00 | 15.60 | 13.50 | 1000 |
| MS240511 | 11 | 19.50 | 17.10 | 15.00 | 1000 |
| MS240512 | 12 | 21.00 | 18.60 | 16.50 | 1000 |
| MS240513 | 13 | 22.50 | 20.10 | 18.00 | 1000 |

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# 2405 Wire to Board Connectors - SMT Type

1.5mm

## CONNECTOR - Side Entry

Part No.:**MS24052~MS240513 RF:A**
產品編號

Material: Housing:Nylon 94V-0
材質 塑膠座

Contact Pin: Brass, Tin-plated
接觸針 黃銅, 鍍錫

Suitable Contact: 2405PS-2
配合端子

Suitable Housing: P24052~P240513
配合塑膠

Applicable Wire: AWG#26~32
適用電線

Round Contact Pin: ϕ0.50±0.02mm
圓型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 50V 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: -25℃~+85℃
適用溫度

Halogen Free
REACH
RoHS Compliant

P.C.B LAYOUT

| TOLERANCE | |
|---|---|
| X. | ±0.35 |
| X.X | ±0.25 |
| X.XX | ±0.15 |
| X.XXX | ±0.05 |

Unit: mm

| Part No. | RF | POS. | L | P1 | Pack. |
|---|---|---|---|---|---|
| MS24052 | A | 2 | 6.00 | 1.50 | 1000 |
| MS24053 | A | 3 | 7.50 | 3.00 | 1000 |
| MS24054 | A | 4 | 9.00 | 4.50 | 1000 |
| MS24055 | A | 5 | 10.50 | 6.00 | 1000 |
| MS24056 | A | 6 | 12.00 | 7.50 | 1000 |
| MS24057 | A | 7 | 13.50 | 9.00 | 1000 |

| Part No. | RF | POS. | L | P1 | Pack. |
|---|---|---|---|---|---|
| MS24058 | A | 8 | 15.00 | 10.50 | 1000 |
| MS24059 | A | 9 | 16.50 | 12.00 | 1000 |
| MS240510 | A | 10 | 18.00 | 13.50 | 1000 |
| MS240511 | A | 11 | 19.50 | 15.00 | 1000 |
| MS240512 | A | 12 | 21.00 | 16.50 | 1000 |
| MS240513 | A | 13 | 22.50 | 18.00 | 1000 |

## CONNECTOR - Side Entry

Part No.:**MS24052R~MS240513R**
產品編號

Material: Housing:Nylon 94V-0
材質 塑膠座

Contact Pin: Brass, Tin-plated
接觸針 黃銅, 鍍錫

Suitable Contact: 2405PS-2
配合端子

Suitable Housing: P24052~P240513
配合塑膠

Applicable Wire: AWG#26~32
適用電線

Round Contact Pin: ϕ0.50±0.02mm
圓型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 50V 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: -25℃~+85℃
適用溫度

Halogen Free
REACH
RoHS Compliant

1.5mm

| TOLERANCE | |
|---|---|
| X. | ±0.35 |
| X.X | ±0.25 |
| X.XX | ±0.15 |
| X.XXX | ±0.05 |

Unit: mm

| Part No. | POS. | L | P1 | Pack. | Part No. | POS. | L | P1 | Pack. |
|---|---|---|---|---|---|---|---|---|---|
| MS24052R | 2 | 6.00 | 1.50 | 1000 | MS24058R | 8 | 15.00 | 10.50 | 1000 |
| MS24053R | 3 | 7.50 | 3.00 | 1000 | MS24059R | 9 | 16.50 | 12.00 | 1000 |
| MS24054R | 4 | 9.00 | 4.50 | 1000 | MS240510R | 10 | 18.00 | 13.50 | 1000 |
| MS24055R | 5 | 10.50 | 6.00 | 1000 | MS240511R | 11 | 19.50 | 15.00 | 1000 |
| MS24056R | 6 | 12.00 | 7.50 | 1000 | MS240512R | 12 | 21.00 | 16.50 | 1000 |
| MS24057R | 7 | 13.50 | 9.00 | 1000 | MS240513R | 13 | 22.50 | 18.00 | 1000 |

1.5mm

## CONNECTOR - Top Entry

Part No.:**M24052~M240513**
產品編號

Material: Housing:Nylon 94V-0
材質 塑膠座

Contact Pin:Brass, Tin-plated
接觸針 黃銅, 鍍錫

Suitable Contact: 2405PS-2
配合端子

Suitable Housing: P24052~P240513
配合塑膠

Applicable Wire: AWG# 26~30
適用電線

Round Contact Pin: ϕ0.50±0.02mm
圓型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 100V 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: -25℃~+85℃
適用溫度

Halogen Free
REACH
RoHS Compliant

P.C.B LAYOUT

| TOLERANCE | |
|---|---|
| .0 | ±0.25 |
| .00 | ±0.15 |
| .000 | ±0.08 |

Unit: mm

| Part No. | POS. | L | P1 | Pack. |
|---|---|---|---|---|
| M24052 | 2 | 4.50 | 1.50 | 500 |
| M24053 | 3 | 6.00 | 3.00 | 500 |
| M24054 | 4 | 7.50 | 4.50 | 500 |
| M24055 | 5 | 9.00 | 6.00 | 500 |
| M24056 | 6 | 10.50 | 7.50 | 500 |
| M24057 | 7 | 12.00 | 9.00 | 500 |
| M24058 | 8 | 13.50 | 10.50 | 500 |

| Part No. | POS. | L | P1 | Pack. |
|---|---|---|---|---|
| M24059 | 9 | 15.00 | 12.00 | 500 |
| M240510 | 10 | 16.50 | 13.50 | 500 |
| M240511 | 11 | 18.00 | 15.00 | 500 |
| M240512 | 12 | 19.50 | 16.50 | 500 |
| M240513 | 13 | 21.00 | 18.00 | 500 |
| | | | | |
| | | | | |

## CONNECTOR - Top Entry

Part No.:**M24052~M240513 RF:D**
產品編號

Material: Housing:Nylon 94V-0
材質 塑膠座

Contact Pin:Brass, Tin-plated
接觸針 黃銅, 鍍錫

Suitable Contact: 2405PS-2
配合端子

Suitable Housing: P24052~P240513
配合塑膠

Applicable Wire: AWG# 26~30
適用電線

Round Contact Pin: ϕ0.50±0.02mm
圓型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 50V 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: -25℃~+85℃
適用溫度

Halogen Free
REACH
RoHS Compliant

1.5mm

P.C.B LAYOUT

| TOLERANCE | |
|---|---|
| .0 | ±0.25 |
| .00 | ±0.15 |
| .000 | ±0.08 |

Unit: mm

| Part No. | RF | POS. | L | P1 | Pack. |
|---|---|---|---|---|---|
| M24052 | D | 2 | 4.50 | 1.50 | 500 |
| M24053 | D | 3 | 6.00 | 3.00 | 500 |
| M24054 | D | 4 | 7.50 | 4.50 | 500 |
| M24055 | D | 5 | 9.00 | 6.00 | 500 |
| M24056 | D | 6 | 10.50 | 7.50 | 500 |
| M24057 | D | 7 | 12.00 | 9.00 | 500 |
| M24058 | D | 8 | 13.50 | 10.50 | 500 |

| Part No. | RF | POS. | L | P1 | Pack. |
|---|---|---|---|---|---|
| M24059 | D | 9 | 15.00 | 12.00 | 500 |
| M240510 | D | 10 | 16.50 | 13.50 | 500 |
| M240511 | D | 11 | 18.00 | 15.00 | 500 |
| M240512 | D | 12 | 19.50 | 16.50 | 500 |
| M240513 | D | 13 | 21.00 | 18.00 | 500 |
| | | | | | |
| | | | | | |

1.5mm

## CONNECTOR - Top Entry

Part No.:**M24052~M240513 RF:E**
產品編號

Material: Housing:Nylon 94V-0
材質 塑膠座

Contact Pin:Brass, Tin-plated
接觸針 黃銅, 鍍錫

Suitable Contact: 2405PS-2
配合端子

Suitable Housing: P24052~P240513
配合塑膠

Applicable Wire: AWG# 26~30
適用電線

Round Contact Pin: ϕ0.50±0.02mm
圓型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 100V 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: -25℃~+85℃
適用溫度

Halogen Free
REACH
RoHS Compliant

P.C.B LAYOUT

2-4 PIN

5-13 PIN

| TOLERANCE | |
|---|---|
| .0 | ±0.25 |
| .00 | ±0.15 |
| .000 | ±0.08 |

Unit: mm

| Part No. | RF | POS. | L | P1 | Pack. |
|---|---|---|---|---|---|
| M24052 | E | 2 | 4.50 | 1.50 | 500 |
| M24053 | E | 3 | 6.00 | 3.00 | 500 |
| M24054 | E | 4 | 7.50 | 4.50 | 500 |
| M24055 | E | 5 | 9.00 | 6.00 | 500 |
| M24056 | E | 6 | 10.50 | 7.50 | 500 |
| M24057 | E | 7 | 12.00 | 9.00 | 500 |
| M24058 | E | 8 | 13.50 | 10.50 | 500 |

| Part No. | RF | POS. | L | P1 | Pack. |
|---|---|---|---|---|---|
| M24059 | E | 9 | 15.00 | 12.00 | 500 |
| M240510 | E | 10 | 16.50 | 13.50 | 500 |
| M240511 | E | 11 | 18.00 | 15.00 | 500 |
| M240512 | E | 12 | 19.50 | 16.50 | 500 |
| M240513 | E | 13 | 21.00 | 18.00 | 500 |
| | | | | | |
| | | | | | |

## CONNECTOR - Side Entry

Part No.:**M24052R~M240513R**
產品編號

Material: Housing:Nylon 94V-0
材質 塑膠座

Contact Pin: Brass, Tin-plated
接觸針 黃銅, 鍍錫

Suitable Contact: 2405PS-2
配合端子

Suitable Housing: P24052~P240513
配合塑膠

Applicable Wire: AWG#26~30
適用電線

Round Contact Pin: ϕ0.50±0.02mm
圓型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 100V 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: -25℃~+85℃
適用溫度

Halogen Free
REACH
RoHS Compliant

1.5mm

P.C.B LAYOUT

| TOLERANCE | |
|---|---|
| .0 | ±0.25 |
| .00 | ±0.15 |
| .000 | ±0.08 |

Unit: mm

| Part No. | POS. | L | P1 | Pack. |
|---|---|---|---|---|
| M24052R | 2 | 4.50 | 1.50 | 500 |
| M24053R | 3 | 6.00 | 3.00 | 500 |
| M24054R | 4 | 7.50 | 4.50 | 500 |
| M24055R | 5 | 9.00 | 6.00 | 500 |
| M24056R | 6 | 10.50 | 7.50 | 500 |
| M24057R | 7 | 12.00 | 9.00 | 500 |
| M24058R | 8 | 13.50 | 10.50 | 500 |

| Part No. | POS. | L | P1 | Pack. |
|---|---|---|---|---|
| M24059R | 9 | 15.00 | 12.00 | 500 |
| M240510R | 10 | 16.50 | 13.50 | 500 |
| M240511R | 11 | 18.00 | 15.00 | 500 |
| M240512R | 12 | 19.50 | 16.50 | 500 |
| M240513R | 13 | 21.00 | 18.00 | 500 |
| | | | | |
| | | | | |

1.5mm

## CONNECTOR - Side Entry

Part No.:**M24052R~M240513R RF:D**
產品編號

Material: Housing:Nylon 94V-0
材質 塑膠座

Contact Pin: Brass, Tin-plated
接觸針 黃銅, 鍍錫

Suitable Contact: 2405PS-2
配合端子

Suitable Housing: P24052~P240513
配合塑膠

Applicable Wire: AWG#26~30
適用電線

Round Contact Pin: ϕ0.50±0.02mm
圓型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 50V 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: -25℃~+85℃
適用溫度

Halogen Free
REACH
RoHS Compliant

| TOLERANCE | |
|---|---|
| .0 | ±0.25 |
| .00 | ±0.15 |
| .000 | ±0.08 |

Unit: mm

| Part No. | RF | POS. | L | P1 | Pack. |
|---|---|---|---|---|---|
| M24052R | D | 2 | 4.50 | 1.50 | 1,000 |
| M24053R | D | 3 | 6.00 | 3.00 | 1,000 |
| M24054R | D | 4 | 7.50 | 4.50 | 1,000 |
| M24055R | D | 5 | 9.00 | 6.00 | 1,000 |
| M24056R | D | 6 | 10.50 | 7.50 | 1,000 |
| M24057R | D | 7 | 12.00 | 9.00 | 1,000 |
| M24058R | D | 8 | 13.50 | 10.50 | 1,000 |

| Part No. | RF | POS. | L | P1 | Pack. |
|---|---|---|---|---|---|
| M24059R | D | 9 | 15.00 | 12.00 | 1,000 |
| M240510R | D | 10 | 16.50 | 13.50 | 1,000 |
| M240511R | D | 11 | 18.00 | 15.00 | 1,000 |
| M240512R | D | 12 | 19.50 | 16.50 | 1,000 |
| M240513R | D | 13 | 21.00 | 18.00 | 1,000 |
| | | | | | |
| | | | | | |

## CONNECTOR - Side Entry

Part No.:**M24052R~M240513R RF:E**
產品編號

Material: Housing:Nylon 94V-0
材質 塑膠座

Contact Pin: Brass, Tin-plated
接觸針 黃銅, 鍍錫

Suitable Contact: 2405PS-2
配合端子

Suitable Housing: P24052~P240513
配合塑膠

Applicable Wire: AWG#26~30
適用電線

Round Contact Pin: ϕ0.50±0.02mm
圓型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 100V 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: -25℃~+85℃
適用溫度

Halogen Free
REACH
RoHS Compliant

1.5mm

P.C.B LAYOUT

2-4 PIN

5-13 PIN

| TOLERANCE | |
|---|---|
| .0 | ±0.25 |
| .00 | ±0.15 |
| .000 | ±0.08 |

Unit: mm

| Part No. | RF | POS. | L | P1 | Pack. |
|---|---|---|---|---|---|
| M24052R | E | 2 | 4.50 | 1.50 | 1,000 |
| M24053R | E | 3 | 6.00 | 3.00 | 1,000 |
| M24054R | E | 4 | 7.50 | 4.50 | 1,000 |
| M24055R | E | 5 | 9.00 | 6.00 | 1,000 |
| M24056R | E | 6 | 10.50 | 7.50 | 1,000 |
| M24057R | E | 7 | 12.00 | 9.00 | 1,000 |
| M24058R | E | 8 | 13.50 | 10.50 | 1,000 |

| Part No. | RF | POS. | L | P1 | Pack. |
|---|---|---|---|---|---|
| M24059R | E | 9 | 15.00 | 12.00 | 1,000 |
| M240510R | E | 10 | 16.50 | 13.50 | 1,000 |
| M240511R | E | 11 | 18.00 | 15.00 | 1,000 |
| M240512R | E | 12 | 19.50 | 16.50 | 1,000 |
| M240513R | E | 13 | 21.00 | 18.00 | 1,000 |
| | | | | | |
| | | | | | |

1.5mm

## CONNECTOR - Side Entry

Part No.:**M24052R~M240513R RF:HE**
產品編號

Material: Housing:Nylon 94V-0
材質 塑膠座

Contact Pin: Brass, Tin-plated
接觸針 黃銅, 鍍錫

Suitable Contact: 2405PS-2
配合端子

Suitable Housing: P24052~P240513
配合塑膠

Applicable Wire: AWG#26~30
適用電線

Round Contact Pin: ϕ0.50±0.02mm
圓型接觸針

## PERFORMANCE

Electrical Rating: AC/DC 100V 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: -25℃~+85℃
適用溫度

Halogen Free
REACH
RoHS Compliant

| TOLERANCE | |
|---|---|
| .0 | ±0.25 |
| .00 | ±0.15 |
| .000 | ±0.08 |

Unit: mm

| Part No. | RF | POS. | L | P1 | Pack. |
|---|---|---|---|---|---|
| M24052R | HE | 2 | 4.50 | 1.50 | 1,000 |
| M24053R | HE | 3 | 6.00 | 3.00 | 1,000 |
| M24054R | HE | 4 | 7.50 | 4.50 | 1,000 |
| M24055R | HE | 5 | 9.00 | 6.00 | 1,000 |
| M24056R | HE | 6 | 10.50 | 7.50 | 1,000 |
| M24057R | HE | 7 | 12.00 | 9.00 | 1,000 |
| M24058R | HE | 8 | 13.50 | 10.50 | 1,000 |

| Part No. | RF | POS. | L | P1 | Pack. |
|---|---|---|---|---|---|
| M24059R | HE | 9 | 15.00 | 12.00 | 1,000 |
| M240510R | HE | 10 | 16.50 | 13.50 | 1,000 |
| M240511R | HE | 11 | 18.00 | 15.00 | 1,000 |
| M240512R | HE | 12 | 19.50 | 16.50 | 1,000 |
| M240513R | HE | 13 | 21.00 | 18.00 | 1,000 |
| | | | | | |
| | | | | | |

# 2405 Wire to Board Connectors - SMT Type

## HOUSING

Part No.:**P24052~P240513**
產品編號
Material: Nylon 94V-0
材質
Suitable Contact: 2405PS-2
配合端子
Suitable Connector: M24052~M240513
配合公座
M24052R~M240513R
MS24052~MS240513
MS24052R~MS240513R

Applicable Wire:AWG#26~30
適用電線

## PERFORMANCE

Electrical Rating: AC/DC 100V 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: -25℃~+85℃
適用溫度

Halogen Free
REACH
RoHS Compliant

1.5mm

Unit: mm

| Part No. | POS. | L | P1 | Pack. |
|---|---|---|---|---|
| P24052 | 2 | 4.50 | 1.50 | 1000 |
| P24053 | 3 | 6.00 | 3.00 | 1000 |
| P24054 | 4 | 7.50 | 4.50 | 1000 |
| P24055 | 5 | 9.00 | 6.00 | 1000 |
| P24056 | 6 | 10.50 | 7.50 | 1000 |
| P24057 | 7 | 12.00 | 9.00 | 1000 |
| P24058 | 8 | 13.50 | 10.50 | 1000 |

| Part No. | POS. | L | P1 | Pack. |
|---|---|---|---|---|
| P24059 | 9 | 15.00 | 12.00 | 1000 |
| P240510 | 10 | 16.50 | 13.50 | 1000 |
| P240511 | 11 | 18.00 | 15.00 | 1000 |
| P240512 | 12 | 19.50 | 16.50 | 1000 |
| P240513 | 13 | 21.00 | 18.00 | 1000 |
| | | | | |
| | | | | |

# 2405 Wire to Board Connectors - SMT Type

1.5mm

## TERMINAL

Part No.:**2405PS-2**
產品編號
Thickness: 0.20mm
銅板厚度
Material: Phosphor Bronze
材質　磷青銅
Surface Treatment: Tin-plated
表面處理　鍍錫
Applicable Wire: AWG# 26~30
適用電線
Insulation O.D.: 1.10mm Max.
線皮外徑
Suitable Housing: P24052~P240513
配合塑膠
Suitable Connector: M24052~M240513　M24052R~M240513R
配合公座
MS24052~MS240513　MS24052R~MS240513R

Packing: 10,000PCS(Reel)
包裝數量

## PERFORMANCE

Electrical Rating: AC/DC 100V 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: -25℃~+85℃
適用溫度

REACH
RoHS Compliant