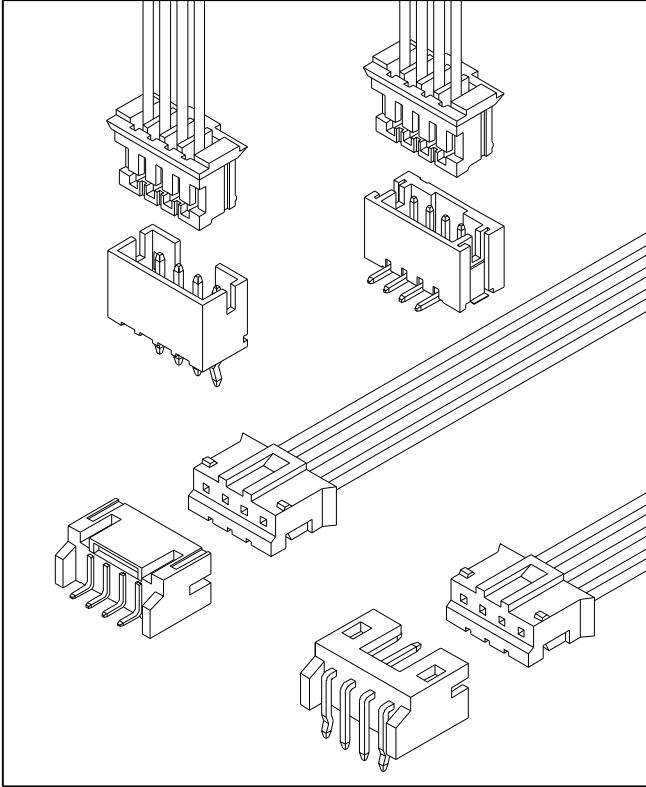


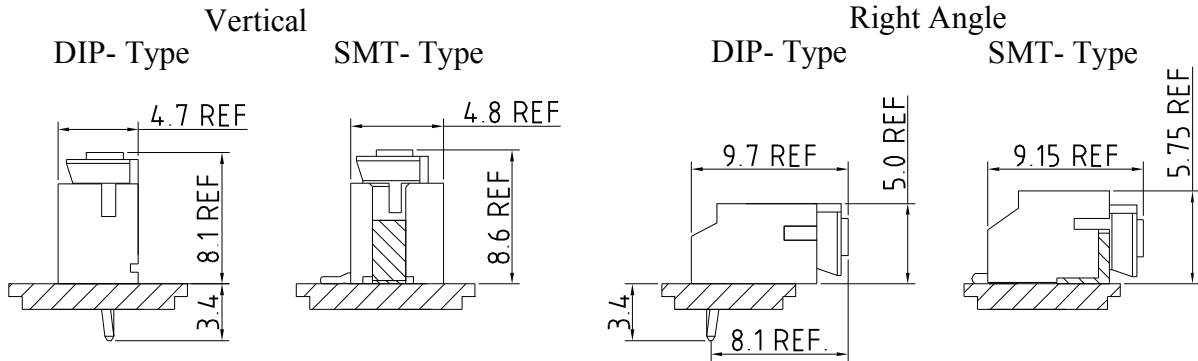
2.00mm Pitch Wire To Board Connector



Specification

| | |
|-----------------------------------|---------------------|
| Circuits | 02 - 16 |
| Pitch | 2.00mm |
| Current Rating | 3.0A AC/DC (AWG#24) |
| | 2.5A AC/DC (AWG#26) |
| | 1.5A AC/DC (AWG#28) |
| | 1.0A AC/DC (AWG#30) |
| Voltage Rating | 100V AC/DC |
| Contact Resistance | 10mΩ MAX. |
| Withstand Voltage | 800V AC/minute |
| Insulation Resistance | 1,000MΩ MIN. |
| Temperature Range | -25°C - +85°C |
| Applicable Wire Range | AWG #24 - #30 |
| Applicable P.C.B Thickness | 0.8mm - 1.6mm |
| Applicable P.C.B Hole Dia. | ∅0.8mm ± 0.05 |

Assembly Layout



IPCW200 * ** * * * * * *

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Series Type. IPCW200

② Connector Type.

T: Terminal

W: Wafer

H: Housing

③ Pin code.

Terminal:Serial number

Wafer or Housing:x row x pin number of row

④ Material code.

⑤ Appearance code.

⑥ Internal code
Wafer

B: Vertical SMT TYPE 02

A: Right Angle SMT TYPE 02

⑦ Company code.

⑧ Other code.

Wafer

V: Vertical Type

R: Right Angle

S: Vertical SMT TYPE

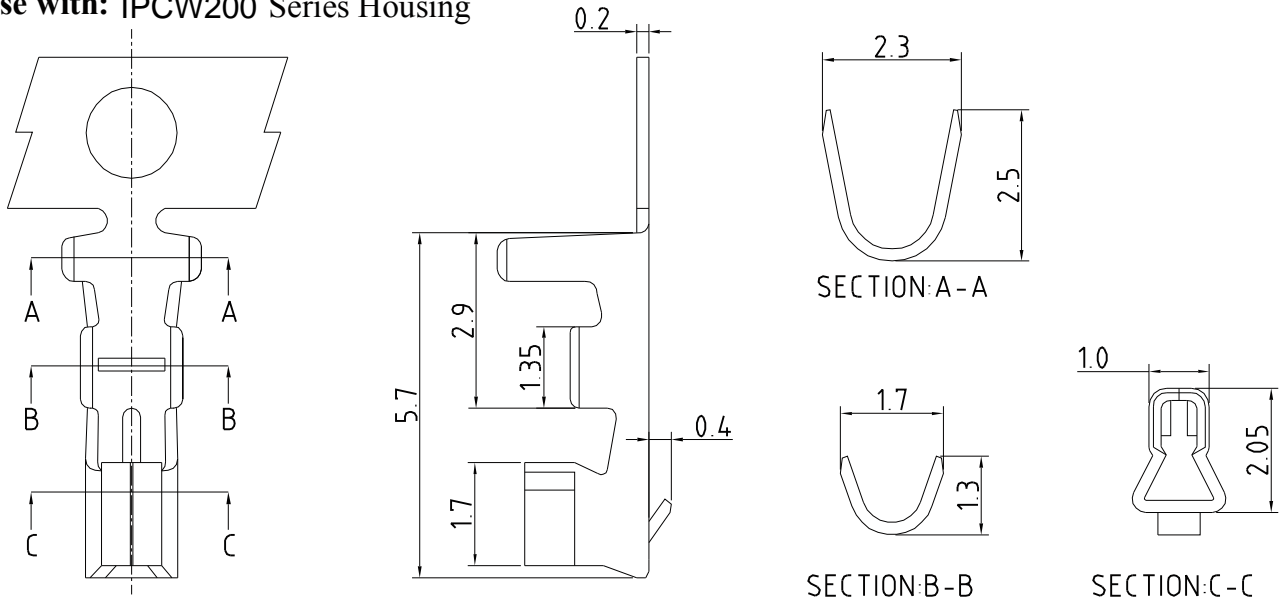
M: Right Angle SMT TYPE

Unit : mm

Terminal

Features

Use with: IPCW200 Series Housing



CONTACT INFORMATION

| Part No. | Wire Range | Insulation O.D. | Material | Finish | Q'ty/Reel |
|--------------|-------------|-----------------|-----------------|----------|------------|
| IPCW200T01*D | AWG #24-#30 | 1.40mm(MAX.) | Brass | See note | 10,000 pcs |
| IPCW200T02*D | | | Phosphor bronze | | |

Housing

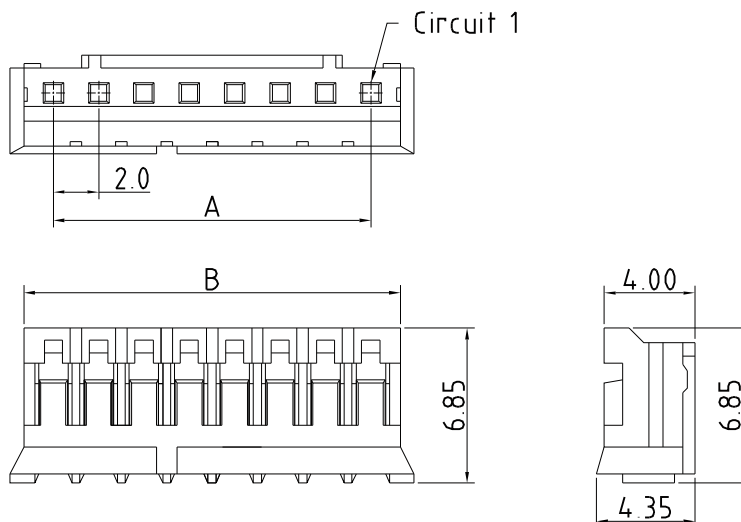
Features

Available Number of Circuits: 02 - 16

Material: Regular Thermoplastic 94V-0

Use with: IPCW200 Crimp Terminal

Mates with :IPCW200 Series Wafer



Dimension and Order Information

| Circuits | Part No. | DIM.(mm) | |
|----------|-------------|----------|-------|
| | | A | B |
| 2 | IPCW200H12* | 2.00 | 4.60 |
| 3 | IPCW200H13* | 4.00 | 6.60 |
| 4 | IPCW200H14* | 6.00 | 8.60 |
| 5 | IPCW200H15* | 8.00 | 10.60 |
| 6 | IPCW200H16* | 10.00 | 12.60 |
| 7 | IPCW200H17* | 12.00 | 14.60 |
| 8 | IPCW200H18* | 14.00 | 16.60 |
| 9 | IPCW200H19* | 16.00 | 18.60 |
| 10 | IPCW200H1A* | 18.00 | 20.60 |
| 11 | IPCW200H1B* | 20.00 | 22.60 |
| 12 | IPCW200H1C* | 22.00 | 24.60 |
| 13 | IPCW200H1D* | 24.00 | 26.60 |
| 14 | IPCW200H1E* | 26.00 | 28.60 |
| 15 | IPCW200H1F* | 28.00 | 30.60 |
| 16 | IPCW200H1G* | 30.00 | 32.60 |

2.00mm Pitch Wire To Board Connector

Unit : mm

Wafer Vertical

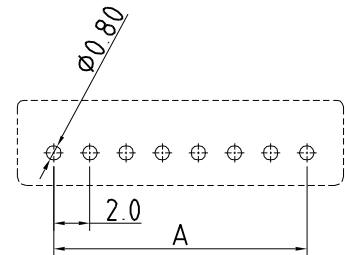
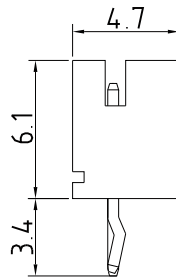
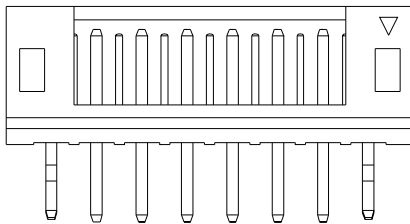
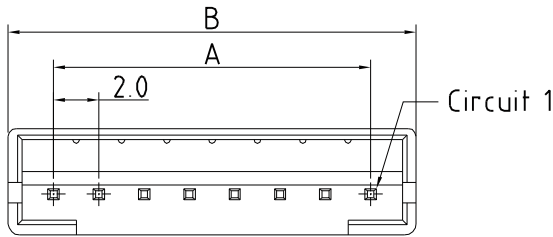
Features

Available Number of Circuits : 02 - 16

Material : Regular Thermoplastic 94V-0

Contact: 0.5mm(.020") Copper Alloy, Tin-plated

Mates with : IPCW200 Series Housing



P.C.B LAYOUT

Dimension and Order Information

| Circuits | Part No. | DIM.(mm) | |
|----------|--------------|----------|-------|
| | | A | B |
| 2 | IPCW200W12*V | 2.00 | 6.00 |
| 3 | IPCW200W13*V | 4.00 | 8.00 |
| 4 | IPCW200W14*V | 6.00 | 10.00 |
| 5 | IPCW200W15*V | 8.00 | 12.00 |
| 6 | IPCW200W16*V | 10.00 | 14.00 |
| 7 | IPCW200W17*V | 12.00 | 16.00 |
| 8 | IPCW200W18*V | 14.00 | 18.00 |
| 9 | IPCW200W19*V | 16.00 | 20.00 |
| 10 | IPCW200W1A*V | 18.00 | 22.00 |
| 11 | IPCW200W1B*V | 20.00 | 24.00 |
| 12 | IPCW200W1C*V | 22.00 | 26.00 |
| 13 | IPCW200W1D*V | 24.00 | 28.00 |
| 14 | IPCW200W1E*V | 26.00 | 30.00 |
| 15 | IPCW200W1F*V | 28.00 | 32.00 |
| 16 | IPCW200W1G*V | 30.00 | 34.00 |

Wafer Right Angle

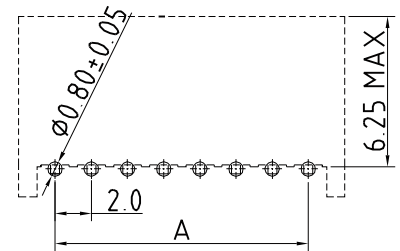
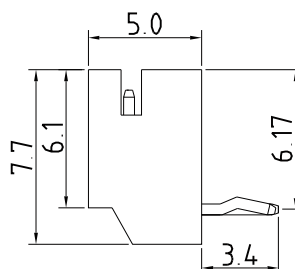
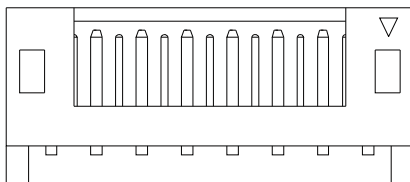
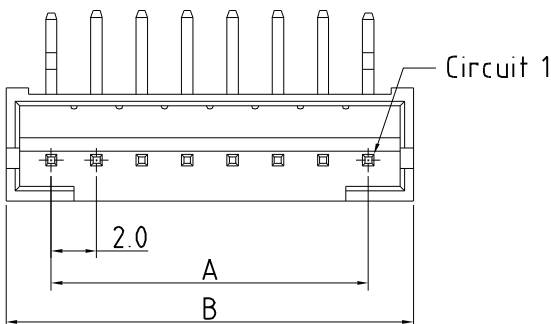
Features

Available Number of Circuits : 02 - 16

Material : High Temperature Thermoplastic 94V-0

Contact: 0.5mm(.020") Copper Alloy, Tin-plated

Mates with : IPCW200 Series Housing



P.C.B LAYOUT

Dimension and Order Information

| Circuits | Part No. | DIM.(mm) | |
|----------|--------------|----------|-------|
| | | A | B |
| 2 | IPCW200W12*R | 2.00 | 6.00 |
| 3 | IPCW200W13*R | 4.00 | 8.00 |
| 4 | IPCW200W14*R | 6.00 | 10.00 |
| 5 | IPCW200W15*R | 8.00 | 12.00 |
| 6 | IPCW200W16*R | 10.00 | 14.00 |
| 7 | IPCW200W17*R | 12.00 | 16.00 |
| 8 | IPCW200W18*R | 14.00 | 18.00 |
| 9 | IPCW200W19*R | 16.00 | 20.00 |
| 10 | IPCW200W1A*R | 18.00 | 22.00 |
| 11 | IPCW200W1B*R | 20.00 | 24.00 |
| 12 | IPCW200W1C*R | 22.00 | 26.00 |
| 13 | IPCW200W1D*R | 24.00 | 28.00 |
| 14 | IPCW200W1E*R | 26.00 | 30.00 |
| 15 | IPCW200W1F*R | 28.00 | 32.00 |
| 16 | IPCW200W1G*R | 30.00 | 34.00 |

2.00mm Pitch Wire To Board Connector

Unit : mm

Wafer Vertical SMT TYPE

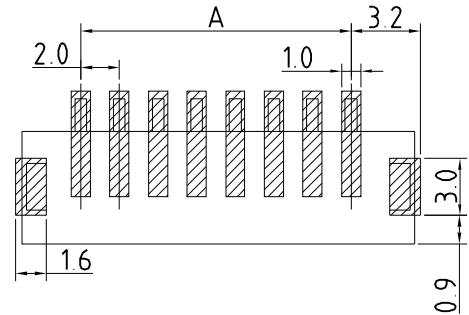
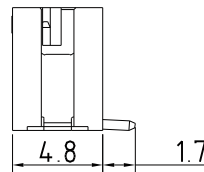
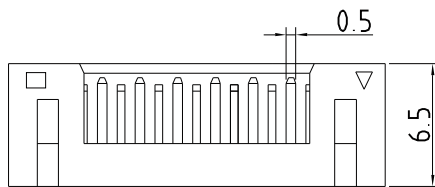
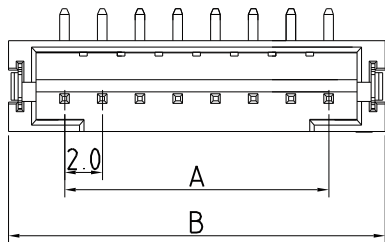
Features

Available Number of Circuits : 02 - 08

Material : High Temperature Thermoplastic 94V-0

Contact: 0.5mm(.020") Copper Alloy, Tin-plated

Mates with : IPCW200 Series Housing



P.C.B LAYOUT

Dimension and Order Information

| Circuits | Part No. | DIM.(mm) | |
|----------|--------------|----------|-------|
| | | A | B |
| 2 | IPCW200W12*S | 2.00 | 7.95 |
| 3 | IPCW200W13*S | 4.00 | 9.95 |
| 4 | IPCW200W14*S | 6.00 | 11.95 |
| 5 | IPCW200W15*S | 8.00 | 13.95 |
| 6 | IPCW200W16*S | 10.00 | 15.95 |
| 7 | IPCW200W17*S | 12.00 | 17.95 |
| 8 | IPCW200W18*S | 14.00 | 19.95 |

Wafer Vertical SMT TYPE 02

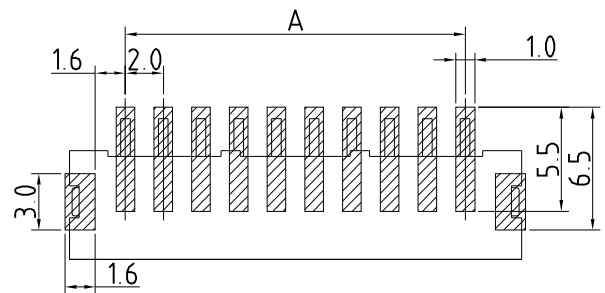
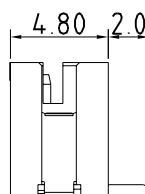
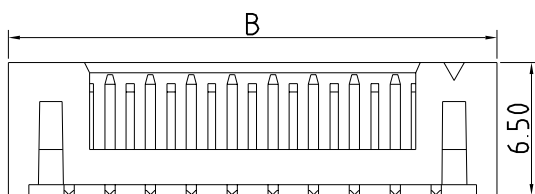
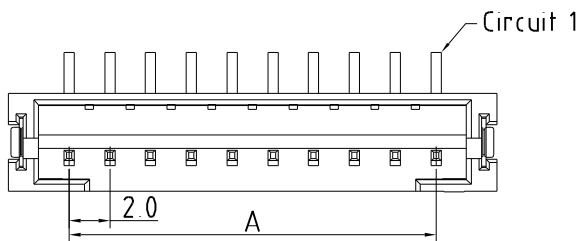
Features

Available Number of Circuits : 09 - 16

Material : High Temperature Thermoplastic 94V-0

Contact: 0.5mm(.020") Copper Alloy, Tin-plated

Mates with : IPCW200 Series Housing



P.C.B LAYOUT

Dimension and Order Information

| Circuits | Part No. | DIM.(mm) | |
|----------|----------------|----------|-------|
| | | A | B |
| 9 | IPCW200W19*B*S | 16.00 | 21.95 |
| 10 | IPCW200W1A*B*S | 18.00 | 23.95 |
| 11 | IPCW200W1B*b*S | 20.00 | 25.95 |
| 12 | IPCW200W1C*B*S | 22.00 | 27.95 |
| 13 | IPCW200W1D*B*S | 24.00 | 29.95 |
| 14 | IPCW200W1E*B*S | 26.00 | 31.95 |
| 15 | IPCW200W1F*B*S | 28.00 | 33.95 |
| 16 | IPCW200W1G*B*S | 30.00 | 35.95 |

2.00mm Pitch Wire To Board Connector

Unit : mm

Wafer Right Angle SMT TYPE 02

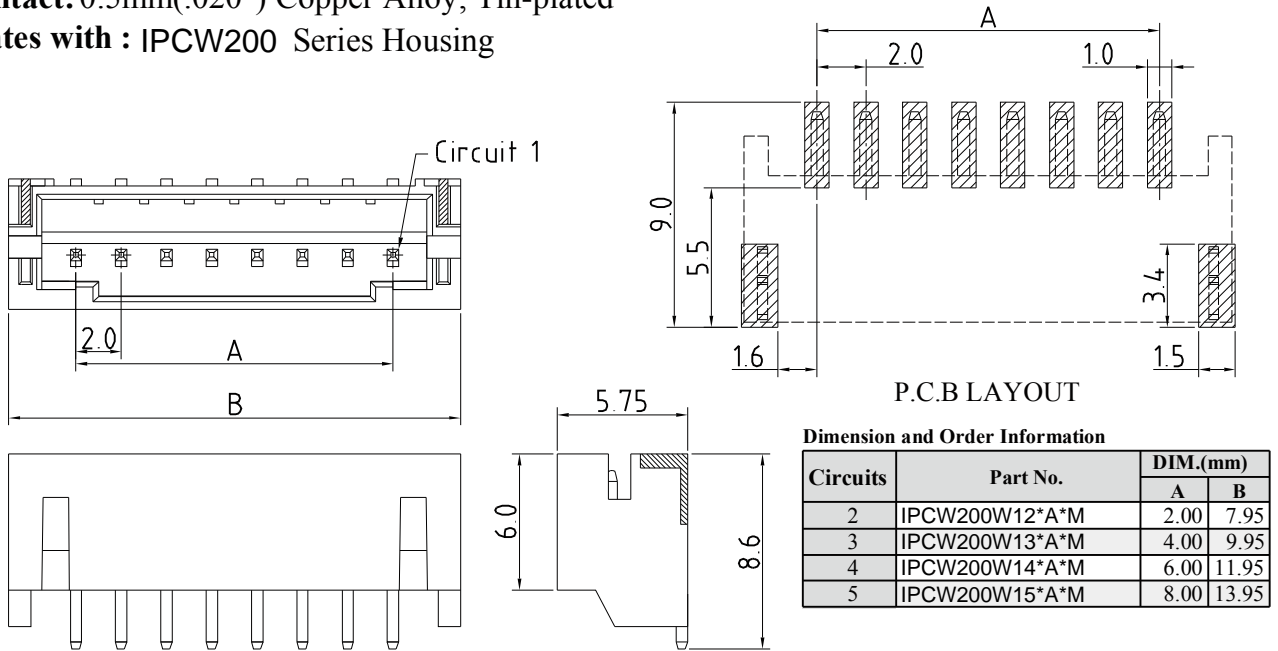
Features

Available Number of Circuits : 02 - 05

Material : High Temperature Thermoplastic 94V-0

Contact: 0.5mm(.020") Copper Alloy, Tin-plated

Mates with : IPCW200 Series Housing



Wafer Right Angle SMT TYPE

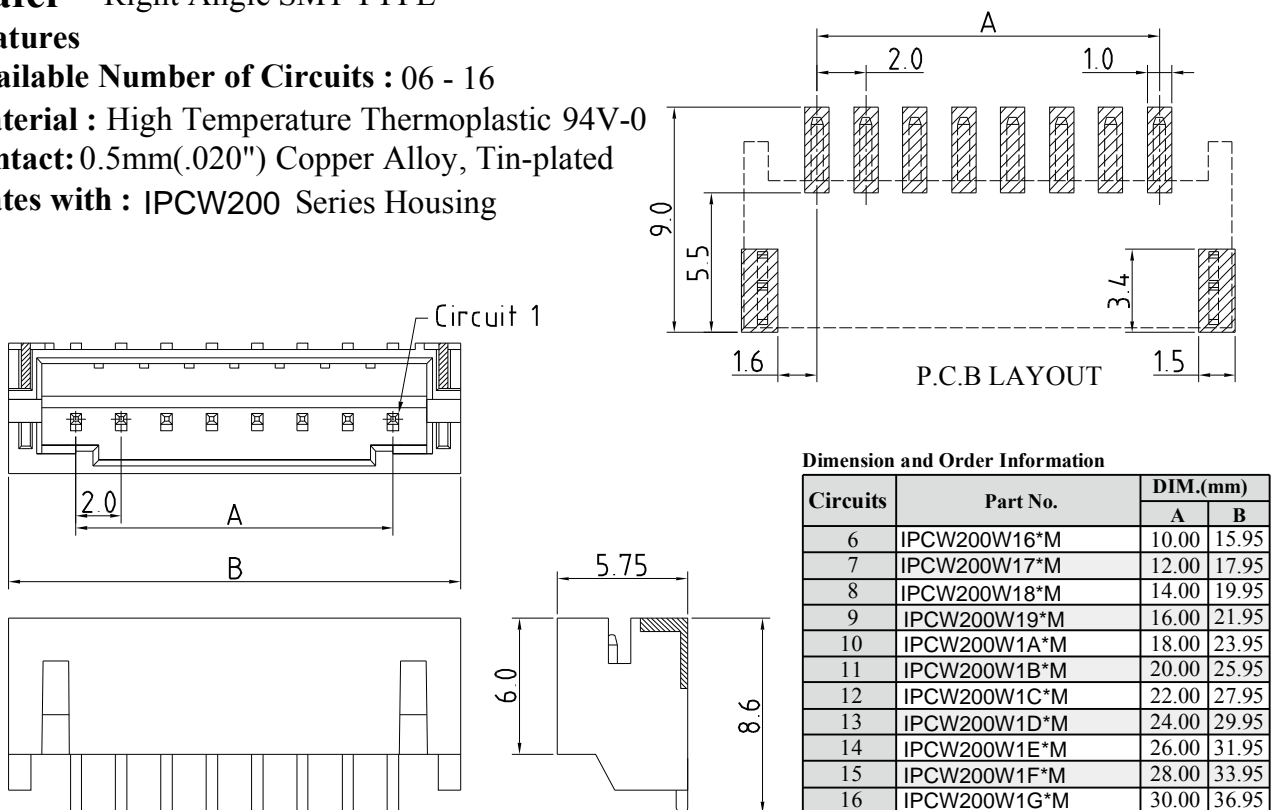
Features

Available Number of Circuits : 06 - 16

Material : High Temperature Thermoplastic 94V-0

Contact: 0.5mm(.020") Copper Alloy, Tin-plated

Mates with : IPCW200 Series Housing



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