

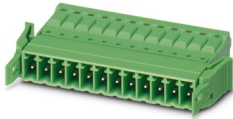
# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

Please be informed that the data shown in this PDF document is generated from our Online Catalog. Please find the complete data in the user documentation. Our General Terms of Use for Downloads are valid.



PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, type of contact: Male connector, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: IFMC 1,5/...-ST-RF, pitch: 3.5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, number of solder pins per potential: 1, plug-in system: COMBICON MC 1,5, locking: Snap-in locking, mounting: Self-locking flange, type of packaging: packed in cardboard

## Your advantages

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Intuitive use through colour coded actuation lever
- Inverted connector with pin contacts for touch-proof device outputs or free-hanging cable/cable connections
- Intuitive locking mechanism prevents accidental disconnection

# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Commercial Data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1844303       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 50 pc         |
| Sales Key                            | A01           |
| Product Key                          | AABFIB        |
| GTIN                                 | 4046356947435 |
| Weight per Piece (including packing) | 7.33 g        |
| Weight per Piece (excluding packing) | 7 g           |
| Customs tariff number                | 85366990      |
| Country of origin                    | SK            |

# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Technical Data

### Product properties

|                       |                       |
|-----------------------|-----------------------|
| Type                  | Inverted              |
| Product line          | COMBICON Connectors S |
| Product type          | PCB plug              |
| Number of positions   | 11                    |
| Pitch                 | 3.5 mm                |
| Number of connections | 11                    |
| Number of rows        | 1                     |
| Mounting flange       | Self-locking flange   |
| Number of potentials  | 11                    |

### Electrical properties

|                             |        |
|-----------------------------|--------|
| Nominal current $I_N$       | 8 A    |
| Nominal voltage $U_N$       | 160 V  |
| Pollution degree            | 3      |
| Contact resistance          | 2.1 mΩ |
| Rated voltage (III/3)       | 160 V  |
| Rated surge voltage (III/3) | 2.5 kV |
| Rated voltage (III/2)       | 160 V  |
| Rated surge voltage (III/2) | 2.5 kV |

### Connection data

#### Connection technology

|                       |                     |
|-----------------------|---------------------|
| Type                  | Inverted            |
| Connector system      | COMBICON MC 1,5     |
| Nominal cross section | 1.5 mm <sup>2</sup> |
| Type of contact       | Male connector      |

#### Interlock

|                 |                     |
|-----------------|---------------------|
| Locking type    | Snap-in locking     |
| Mounting flange | Self-locking flange |

#### Conductor connection

|                                                                       |                                               |
|-----------------------------------------------------------------------|-----------------------------------------------|
| Connection method                                                     | Push-in spring connection                     |
| Conductor/PCB connection direction                                    | 0 °                                           |
| Conductor cross section solid                                         | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>  |
| Conductor cross section flexible                                      | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG                                           | 24 ... 16                                     |
| Conductor cross section flexible, with ferrule without plastic sleeve | 0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>  |
| Conductor cross section, flexible, with ferrule, with plastic sleeve  | 0.14 mm <sup>2</sup> ... 0.75 mm <sup>2</sup> |
| Cylindrical gauge a x b / diameter                                    | 2.4 mm x 1.5 mm / -                           |

# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

|                  |       |
|------------------|-------|
| Stripping length | 10 mm |
|------------------|-------|

## Specifications for ferrules without insulating collar

|                                                              |                                                              |
|--------------------------------------------------------------|--------------------------------------------------------------|
| recommended crimping tool                                    | 1212034 CRIMPFOX 6                                           |
| ferrules without insulating collar, according to DIN 46228-1 | Cross section: 0.25 mm <sup>2</sup> ; Length: 5 mm ... 7 mm  |
|                                                              | Cross section: 0.34 mm <sup>2</sup> ; Length: 7 mm           |
|                                                              | Cross section: 0.5 mm <sup>2</sup> ; Length: 8 mm ... 10 mm  |
|                                                              | Cross section: 0.75 mm <sup>2</sup> ; Length: 8 mm ... 10 mm |
|                                                              | Cross section: 1 mm <sup>2</sup> ; Length: 8 mm ... 10 mm    |
|                                                              | Cross section: 1.5 mm <sup>2</sup> ; Length: 10 mm           |

## Specifications for ferrules with insulating collar

|                                                           |                                                              |
|-----------------------------------------------------------|--------------------------------------------------------------|
| recommended crimping tool                                 | 1212034 CRIMPFOX 6                                           |
| ferrules with insulating collar, according to DIN 46228-4 | Cross section: 0.14 mm <sup>2</sup> ; Length: 8 mm           |
|                                                           | Cross section: 0.25 mm <sup>2</sup> ; Length: 8 mm ... 10 mm |
|                                                           | Cross section: 0.34 mm <sup>2</sup> ; Length: 8 mm ... 10 mm |
|                                                           | Cross section: 0.5 mm <sup>2</sup> ; Length: 8 mm ... 10 mm  |
|                                                           | Cross section: 0.75 mm <sup>2</sup> ; Length: 10 mm          |

## Material specifications

### Material data - contact

|                                          |                                                                                  |
|------------------------------------------|----------------------------------------------------------------------------------|
| Note                                     | WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201 |
| Contact material                         | Cu alloy                                                                         |
| Surface characteristics                  | hot-dip tin-plated                                                               |
| Metal surface terminal point (top layer) | Tin (2 - 4 µm Sn)                                                                |
| Metal surface contact area (top layer)   | Tin (2 - 4 µm Sn)                                                                |

### Material data - housing

|                                                                   |              |
|-------------------------------------------------------------------|--------------|
| Housing color                                                     | green (6021) |
| Insulating material                                               | PA           |
| Insulating material group                                         | I            |
| CTI according to IEC 60112                                        | 600          |
| Flammability rating according to UL 94                            | V0           |
| Glow wire flammability index GWFI according to EN 60695-2-12      | 850          |
| Glow wire ignition temperature GWIT according to EN 60695-2-13    | 775          |
| Temperature for the ball pressure test according to EN 60695-10-2 | 125 °C       |

### Material data – actuating element

|                                        |     |
|----------------------------------------|-----|
| Insulating material                    | PBT |
| Insulating material group              | I   |
| CTI according to IEC 60112             | 600 |
| Flammability rating according to UL 94 | V0  |

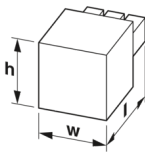
# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Dimensions

|                     |                                                                                    |
|---------------------|------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Pitch               | 3.5 mm                                                                             |
| Width [w]           | 48.6 mm                                                                            |
| Height [h]          | 7.8 mm                                                                             |
| Length [l]          | 24.6 mm                                                                            |

## Mechanical tests

### Test for conductor damage and slackening

|               |                     |
|---------------|---------------------|
| Specification | IEC 60999-1:1999-11 |
| Result        | Test passed         |

### Repeated connection and disconnection

|               |                     |
|---------------|---------------------|
| Specification | IEC 60999-1:1999-11 |
| Result        | Test passed         |

### Pull-out test

|                                                                             |                                         |
|-----------------------------------------------------------------------------|-----------------------------------------|
| Specification                                                               | IEC 60999-1:1999-11                     |
| Conductor cross section/conductor type/tractive force setpoint/actual value | 0.2 mm <sup>2</sup> / solid / > 10 N    |
|                                                                             | 0.2 mm <sup>2</sup> / flexible / > 10 N |
|                                                                             | 1.5 mm <sup>2</sup> / solid / > 40 N    |
|                                                                             | 1.5 mm <sup>2</sup> / flexible / > 40 N |

### Insertion and withdrawal forces

|                                     |             |
|-------------------------------------|-------------|
| Result                              | Test passed |
| No. of cycles                       | 25          |
| Insertion strength per pos. approx. | 3 N         |
| Withdraw strength per pos. approx.  | 3 N         |

### Contact holder in insert

|                                             |                        |
|---------------------------------------------|------------------------|
| Specification                               | IEC 60512-15-1:2008-05 |
| Contact holder in insert Requirements >20 N | Test passed            |

### Resistance of inscriptions

|               |                        |
|---------------|------------------------|
| Specification | IEC 60068-2-70:1995-12 |
| Result        | Test passed            |

### Polarization and coding

|               |                        |
|---------------|------------------------|
| Specification | IEC 60512-13-5:2006-02 |
| Result        | Test passed            |

# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Visual inspection

|               |                       |
|---------------|-----------------------|
| Specification | IEC 60512-1-1:2002-02 |
| Result        | Test passed           |

## Dimension check

|               |                       |
|---------------|-----------------------|
| Specification | IEC 60512-1-2:2002-02 |
| Result        | Test passed           |

## Environmental and real-life conditions

### Vibration test

|                        |                        |
|------------------------|------------------------|
| Specification          | IEC 60068-2-6:2007-12  |
| Frequency              | 10 - 150 - 10 Hz       |
| Sweep speed            | 1 octave/min           |
| Amplitude              | 0.35 mm (10 - 60.1 Hz) |
| Sweep speed            | 5g (60.1 - 150 Hz)     |
| Test duration per axis | 2.5 h                  |

### Durability test

|                                              |                       |
|----------------------------------------------|-----------------------|
| Specification                                | IEC 60512-9-1:2010-03 |
| Impulse withstand voltage at sea level       | 2.95 kV               |
| Contact resistance $R_1$                     | 2.1 mΩ                |
| Contact resistance $R_2$                     | 2.3 mΩ                |
| Insertion/withdrawal cycles                  | 25                    |
| Insulation resistance, neighboring positions | > 5 MΩ                |

### Climatic test

|                                   |                                                                           |
|-----------------------------------|---------------------------------------------------------------------------|
| Specification                     | ISO 6988:1985-02                                                          |
| Corrosive stress                  | 0.2 dm <sup>3</sup> SO <sub>2</sub> on 300 dm <sup>3</sup> /40 °C/1 cycle |
| Thermal stress                    | 100 °C/168 h                                                              |
| Power-frequency withstand voltage | 1.39 kV                                                                   |

### Ambient conditions

|                                         |                                                     |
|-----------------------------------------|-----------------------------------------------------|
| Ambient temperature (operation)         | -40 °C ... 100 °C (dependent on the derating curve) |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C                                    |
| Relative humidity (storage/transport)   | 30 % ... 70 %                                       |
| Ambient temperature (assembly)          | -5 °C ... 100 °C                                    |

## Electrical tests

### Thermal test | Test group C

|                            |                       |
|----------------------------|-----------------------|
| Specification              | IEC 60512-5-1:2002-02 |
| Tested number of positions | 12                    |

### Insulation resistance

|                                              |                       |
|----------------------------------------------|-----------------------|
| Specification                                | IEC 60512-3-1:2002-02 |
| Insulation resistance, neighboring positions | > 5 MΩ                |

# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Temperature cycles

|               |                     |
|---------------|---------------------|
| Specification | IEC 60999-1:1999-11 |
| Result        | Test passed         |

## Air clearances and creepage distances |

|                                                        |                     |
|--------------------------------------------------------|---------------------|
| Specification                                          | IEC 60664-1:2007-04 |
| Insulating material group                              | I                   |
| Comparative tracking index (IEC 60112)                 | CTI 600             |
| Rated insulation voltage (III/3)                       | 160 V               |
| Rated surge voltage (III/3)                            | 2.5 kV              |
| minimum clearance value - non-homogenous field (III/3) | 1.5 mm              |
| minimum creepage distance (III/3)                      | 2 mm                |
| Rated insulation voltage (III/2)                       | 160 V               |
| Rated surge voltage (III/2)                            | 2.5 kV              |
| minimum clearance value - non-homogenous field (III/2) | 1.5 mm              |
| minimum creepage distance (III/2)                      | 1.5 mm              |
| Rated insulation voltage (II/2)                        | 320 V               |
| Rated surge voltage (II/2)                             | 2.5 kV              |
| minimum clearance value - non-homogenous field (II/2)  | 1.5 mm              |
| minimum creepage distance (II/2)                       | 1.6 mm              |

## Packaging specifications

|                   |                     |
|-------------------|---------------------|
| Type of packaging | packed in cardboard |
|-------------------|---------------------|

# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF

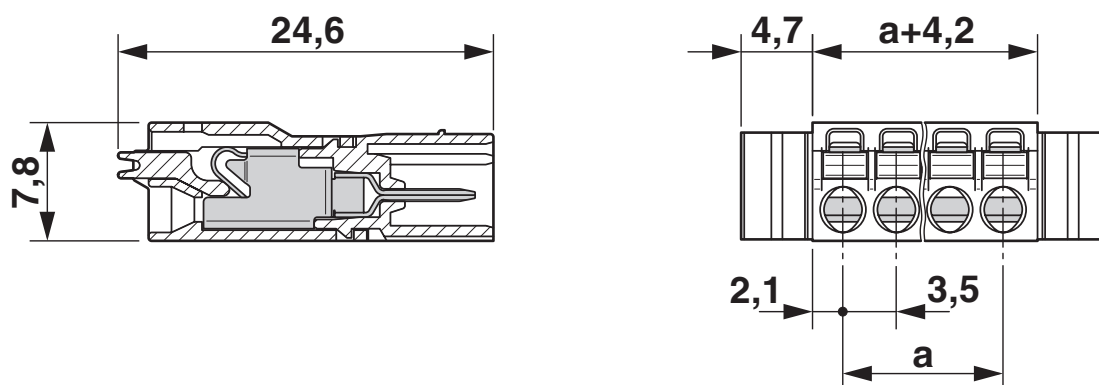


1844303

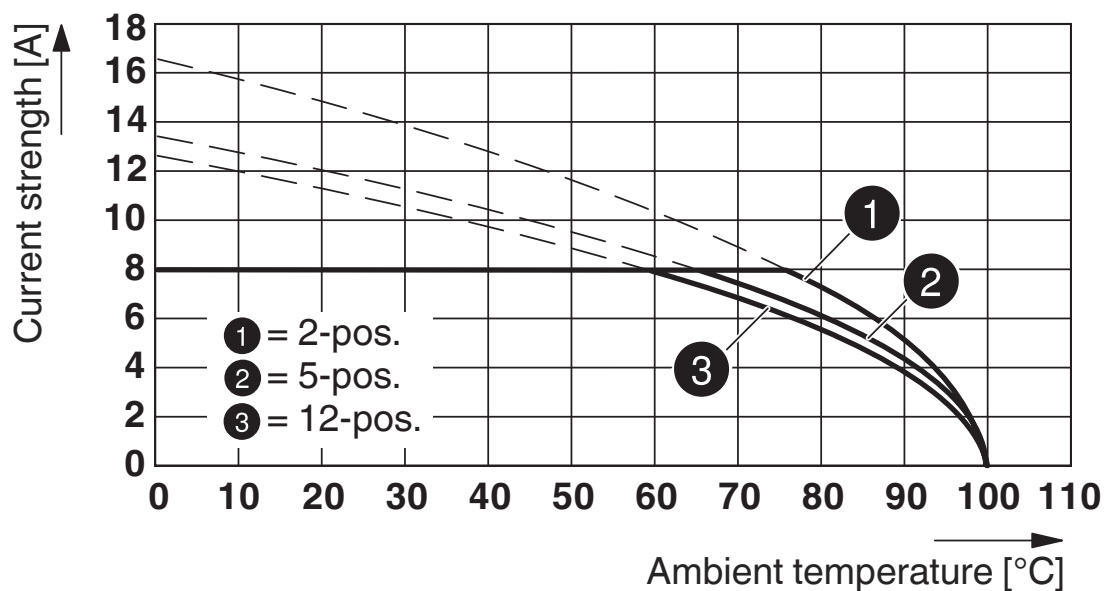
<https://www.phoenixcontact.com/us/products/1844303>

## Drawings

Dimensional drawing



Diagram



Type: IFMC 1,5/...-ST-3,5-RF with IMC 1,5/...-G-3,5 RN P20 THR



# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Approvals

|                                                                                   |                             |                       |                       |                               |
|-----------------------------------------------------------------------------------|-----------------------------|-----------------------|-----------------------|-------------------------------|
|  | <b>IECEE CB Scheme</b>      |                       |                       |                               |
|                                                                                   | Approval ID: DE1-60987-B1B2 |                       |                       |                               |
|                                                                                   |                             | Nominal Voltage $U_N$ | Nominal Current $I_N$ | Cross Section AWG             |
|                                                                                   |                             | 160 V                 | 8 A                   | -                             |
|                                                                                   |                             |                       |                       | Cross Section mm <sup>2</sup> |
|                                                                                   |                             |                       |                       | 0.2 - 1.5                     |

|                                                                                   |            |
|-----------------------------------------------------------------------------------|------------|
|  | <b>EAC</b> |
| Approval ID: B.01687                                                              |            |

|                                                                                   |                              |                       |                       |                               |
|-----------------------------------------------------------------------------------|------------------------------|-----------------------|-----------------------|-------------------------------|
|  | <b>cULus Recognized</b>      |                       |                       |                               |
|                                                                                   | Approval ID: E60425-19920306 |                       |                       |                               |
|                                                                                   |                              | Nominal Voltage $U_N$ | Nominal Current $I_N$ | Cross Section AWG             |
| Use group B                                                                       |                              |                       |                       | Cross Section mm <sup>2</sup> |
|                                                                                   |                              | 150 V                 | 8 A                   | 24 - 16                       |
|                                                                                   |                              |                       |                       | -                             |
| Use group C                                                                       |                              |                       |                       |                               |
|                                                                                   |                              | 50 V                  | 8 A                   | 24 - 16                       |
|                                                                                   |                              |                       |                       | -                             |

|                                                                                     |                                              |                       |                       |                               |
|-------------------------------------------------------------------------------------|----------------------------------------------|-----------------------|-----------------------|-------------------------------|
|  | <b>VDE report with production monitoring</b> |                       |                       |                               |
|                                                                                     | Approval ID: 40011723                        |                       |                       |                               |
|                                                                                     |                                              | Nominal Voltage $U_N$ | Nominal Current $I_N$ | Cross Section AWG             |
|                                                                                     |                                              | 160 V                 | 8 A                   | -                             |
|                                                                                     |                                              |                       |                       | Cross Section mm <sup>2</sup> |
|                                                                                     |                                              |                       |                       | 0.2 - 1.5                     |

# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Classifications

### ECLASS

|               |          |
|---------------|----------|
| ECLASS-9.0    | 27440309 |
| ECLASS-10.0.1 | 27440309 |
| ECLASS-11.0   | 27460202 |

### ETIM

|          |          |
|----------|----------|
| ETIM 8.0 | EC002638 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

1844303  
<https://www.phoenixcontact.com/us/products/1844303>

Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Accessories

### Marker card

Marker card - SK U/2,8 WH:UNBEDRUCKT - 0803883

<https://www.phoenixcontact.com/us/products/0803883>



Marker card, Sheet, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, Office printing systems, mounting type: adhesive, for terminal block width: 210 mm, lettering field size: 186 x 2.8 mm, Number of individual labels: 3600

---

### Marker pen

Marker pen - B-STIFT - 1051993

<https://www.phoenixcontact.com/us/products/1051993>



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Crimping pliers

Crimping pliers - CRIMPFOX 6 - 1212034

<https://www.phoenixcontact.com/us/products/1212034>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm<sup>2</sup> ... 6.0 mm<sup>2</sup>, lateral entry, trapezoidal crimp

---

## Screwdriver

Screwdriver - SZS 0,4X2,5 VDE - 1205037

<https://www.phoenixcontact.com/us/products/1205037>



Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Ferrule

Ferrule - A 0,25- 5 - 3202465

<https://www.phoenixcontact.com/us/products/3202465>

Ferrule, length: 5 mm, color: silver



---

## Ferrule

Ferrule - A 0,25- 7 - 3202478

<https://www.phoenixcontact.com/us/products/3202478>

Ferrule, length: 7 mm, color: silver



# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Ferrule

Ferrule - A 0,34- 7 - 3009202

<https://www.phoenixcontact.com/us/products/3009202>



Ferrule, length: 7 mm, color: silver

---

## Ferrule

Ferrule - A 0,5 - 8 - 3202481

<https://www.phoenixcontact.com/us/products/3202481>



Ferrule, length: 8 mm, color: silver

# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Ferrule

Ferrule - A 0,5 -10 - 3202494

<https://www.phoenixcontact.com/us/products/3202494>



Ferrule, length: 10 mm, color: silver

---

## Ferrule

Ferrule - A 0,75- 8 - 3202504

<https://www.phoenixcontact.com/us/products/3202504>



Ferrule, length: 8 mm, color: silver



# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Ferrule

Ferrule - A 0,75-10 - 3200234

<https://www.phoenixcontact.com/us/products/3200234>



Ferrule, length: 10 mm, color: silver

---

## Ferrule

Ferrule - A 1 - 8 - 3202517

<https://www.phoenixcontact.com/us/products/3202517>



Ferrule, length: 8 mm, color: silver

# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Ferrule

Ferrule - A 1 -10 - 3200250

<https://www.phoenixcontact.com/us/products/3200250>



Ferrule, length: 10 mm, color: silver

---

## Ferrule

Ferrule - A 1,5 -10 - 3200276

<https://www.phoenixcontact.com/us/products/3200276>



Ferrule, length: 10 mm, color: silver

# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Ferrule

Ferrule - Al 0,14- 8 GY -1000 - 3203011

<https://www.phoenixcontact.com/us/products/3203011>



Ferrule, sleeve length: 8 mm, length: 12.5 mm, color: gray

---

## Ferrule

Ferrule - Al 0,34- 8 TQ - 3203066

<https://www.phoenixcontact.com/us/products/3203066>



Ferrule, sleeve length: 8 mm, length: 12.5 mm, color: turquoise

# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Ferrule

Ferrule - Al 0,34-10 TQ - 3241129

<https://www.phoenixcontact.com/us/products/3241129>



Ferrule, sleeve length: 10 mm, length: 14.5 mm, color: turquoise

---

## Ferrule

Ferrule - Al 0,5 - 8 WH - 3200014

<https://www.phoenixcontact.com/us/products/3200014>



Ferrule, sleeve length: 8 mm, length: 14 mm, color: white

# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Ferrule

Ferrule - Al 0,5 -10 WH - 3201275

<https://www.phoenixcontact.com/us/products/3201275>



Ferrule, sleeve length: 10 mm, length: 16 mm, color: white

---

## Ferrule

Ferrule - Al 0,75- 8 GY - 3200519

<https://www.phoenixcontact.com/us/products/3200519>



Ferrule, sleeve length: 8 mm, length: 14 mm, color: gray

# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## Ferrule

Ferrule - Al 0,75-10 GY - 3201288

<https://www.phoenixcontact.com/us/products/3201288>



Ferrule, sleeve length: 10 mm, length: 16 mm, color: gray

---

## Ferrule

Ferrule - Al 0,25- 8 YE - 3203037

<https://www.phoenixcontact.com/us/products/3203037>



Ferrule, sleeve length: 8 mm, length: 12.5 mm, color: yellow

# Printed-circuit board connector - IFMC 1,5/11-ST-3,5-RF



1844303

<https://www.phoenixcontact.com/us/products/1844303>

## PCB header

PCB header - IMC 1,5/11-G-3,5 RN P20 THR - 1830650

<https://www.phoenixcontact.com/us/products/1830650>



PCB headers, nominal cross section: 1.5 mm<sup>2</sup>, color: black, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, type of contact: Female connector, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: IMC 1,5/...-G-RN-THR, pitch: 3.5 mm, solder pin [P]: 2 mm, number of solder pins per potential: 2, plug-in system: COMBICON MC 1,5, Pin connector pattern alignment: Standard, locking: Snap-in locking, mounting: Engagement nose, type of packaging: packed in cardboard

## PCB header

PCB header - IMCV 1,5/11-G-3,5 RN P20 THR - 1830951

<https://www.phoenixcontact.com/us/products/1830951>



PCB headers, nominal cross section: 1.5 mm<sup>2</sup>, color: black, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, type of contact: Female connector, number of potentials: 11, number of rows: 1, number of positions: 11, number of connections: 11, product range: IMCV 1,5/...-G-RN-THR, pitch: 3.5 mm, pin layout: Linear pinning, solder pin [P]: 1.9 mm, number of solder pins per potential: 2, plug-in system: COMBICON MC 1,5, Pin connector pattern alignment: Standard, locking: Snap-in locking, mounting: Engagement nose, type of packaging: packed in cardboard

Phoenix Contact 2022 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA

586 Fulling Mill Road

Middletown, PA 17057, United States

(+717) 944-1300

[info@phoenixcon.com](mailto:info@phoenixcon.com)