

1966156

https://www.phoenixcontact.com/us/products/1966156

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PCB connector, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Socket, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: FMC 1,5/..-STF, pitch: 3.5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MC 1,5, locking: Screw locking mechanism, mounting: Screw 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 operation due to color-coded actuating push button
- · Operation and conductor connection from one direction enable integration into front of device
- · Screwable flange for superior mechanical stability

### Commercial data

Item number	1966156
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	AA02
Product key	AABFAB
Catalog page	Page 201 (C-1-2013)
GTIN	4017918943349
Weight per piece (including packing)	5.4 g
Weight per piece (excluding packing)	5.064 g
Customs tariff number	85366990
Country of origin	DE



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## Technical data

### Product properties

Product type	PCB connector
Product family	FMC 1,5/STF
Product line	COMBICON Connectors S
Туре	Standard
Number of positions	8
Pitch	3.5 mm
Number of connections	8
Number of rows	1
Number of potentials	8
Mounting flange	Screw flange

### Electrical properties

Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V
Degree of pollution	3
Contact resistance	1.6 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
Rated voltage (II/2)	320 V
Rated surge voltage (II/2)	2.5 kV

### Connection data

### Connection technology

Туре	Standard
Connector system	COMBICON MC 1,5
Nominal cross section	1.5 mm²
Contact connection type	Socket

### Interlock

Locking type	Screw locking mechanism
Mounting flange	Screw flange
Tightening torque	0.3 Nm

### Conductor connection

Connection method	Push-in spring connection
Conductor/PCB connection direction	0 °
Conductor cross section rigid	0.2 mm² 1.5 mm²
Conductor cross section flexible	0.2 mm² 1.5 mm²
Conductor cross section AWG	24 16



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Conductor cross section flexible, with ferrule without plastic sleeve	0.25 mm² 1.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve	0.14 mm² 0.75 mm²
Cylindrical gauge a x b / diameter	2.4 mm x 1.5 mm / 1.6 mm
Stripping length	10 mm
ecifications for ferrules without insulating collar	
recommended crimping tool	1212034 CRIMPFOX 6
ferrules without insulating collar, according to DIN 46228-1	Cross section: 0.25 mm²; Length: 7 mm
	Cross section: 0.34 mm²; Length: 7 mm
	Cross section: 0.5 mm²; Length: 8 mm 10 mm
	Cross section: 0.75 mm²; Length: 8 mm 10 mm
	Cross section: 1 mm <sup>2</sup> ; Length: 8 mm 10 mm
	Cross section: 1.5 mm²; Length: 10 mm
ecifications for ferrules with insulating collar	
recommended crimping tool	1212034 CRIMPFOX 6
ferrules with insulating collar, according to DIN 46228-4	Cross section: 0.14 mm²; Length: 8 mm
	Cross section: 0.25 mm²; Length: 8 mm 10 mm
	Cross section: 0.34 mm²; Length: 8 mm 10 mm
	Cross section: 0.5 mm²; Length: 8 mm 10 mm
	Cross section: 0.75 mm²; Length: 10 mm
erial specifications	Cross societi. C.1 c min , Esngal. To min
terial data - contact	WEEE/RoHS-compliant, free of whiskers according to IEC
nterial data - contact Note	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
nterial data - contact  Note  Contact material	WEEE/RoHS-compliant, free of whiskers according to IEC
terial data - contact  Note  Contact material  Surface characteristics	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201 Cu alloy
terial data - contact  Note  Contact material  Surface characteristics  Metal surface terminal point (top layer)	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201 Cu alloy hot-dip tin-plated
terial data - contact  Note  Contact material  Surface characteristics  Metal surface terminal point (top layer)  Metal surface contact area (top layer)	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201 Cu alloy hot-dip tin-plated Tin (4 - 8 μm Sn)
terial data - contact  Note  Contact material  Surface characteristics  Metal surface terminal point (top layer)  Metal surface contact area (top layer)  terial data - housing	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201 Cu alloy hot-dip tin-plated Tin (4 - 8 μm Sn)
terial data - contact  Note  Contact material  Surface characteristics  Metal surface terminal point (top layer)  Metal surface contact area (top layer)  terial data - housing  Color (Housing)	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201 Cu alloy hot-dip tin-plated Tin (4 - 8 μm Sn) Tin (4 - 8 μm Sn)
Note  Contact material  Surface characteristics  Metal surface terminal point (top layer)  Metal surface contact area (top layer)  sterial data - housing  Color (Housing)  Insulating material	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  Cu alloy hot-dip tin-plated  Tin (4 - 8 μm Sn)  Tin (4 - 8 μm Sn)  green (6021)
Note  Contact material Surface characteristics Metal surface terminal point (top layer) Metal surface contact area (top layer) sterial data - housing Color (Housing) Insulating material Insulating material group	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  Cu alloy hot-dip tin-plated  Tin (4 - 8 μm Sn)  Tin (4 - 8 μm Sn)  green (6021)
terial data - contact  Note  Contact material  Surface characteristics  Metal surface terminal point (top layer)  Metal surface contact area (top layer)  terial data - housing  Color (Housing)  Insulating material  Insulating material group  CTI according to IEC 60112	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  Cu alloy hot-dip tin-plated  Tin (4 - 8 µm Sn)  Tin (4 - 8 µm Sn)  green (6021) PA
Note  Contact material Surface characteristics Metal surface terminal point (top layer) Metal surface contact area (top layer)  Insulating material Insulating material group CTI according to IEC 60112 Flammability rating according to UL 94	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201 Cu alloy hot-dip tin-plated Tin (4 - 8 μm Sn) Tin (4 - 8 μm Sn)  green (6021) PA I 600
terial data - contact  Note  Contact material  Surface characteristics  Metal surface terminal point (top layer)  Metal surface contact area (top layer)  terial data - housing  Color (Housing)  Insulating material  Insulating material group  CTI according to IEC 60112  Flammability rating according to UL 94  Glow wire flammability index GWFI according to EN 60695-2-12  Glow wire ignition temperature GWIT according to EN 60695-2-	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  Cu alloy hot-dip tin-plated  Tin (4 - 8 µm Sn)  Tin (4 - 8 µm Sn)  green (6021)  PA  I  600  V0
Atterial data - contact  Note  Contact material  Surface characteristics  Metal surface terminal point (top layer)  Metal surface contact area (top layer)  Atterial data - housing  Color (Housing)  Insulating material  Insulating material group  CTI according to IEC 60112  Flammability rating according to UL 94  Glow wire flammability index GWFI according to EN 60695-2-12  Glow wire ignition temperature GWIT according to EN 60695-2-13  Temperature for the ball pressure test according to EN 60695-	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201 Cu alloy hot-dip tin-plated Tin (4 - 8 µm Sn) Tin (4 - 8 µm Sn)  green (6021) PA I 600 V0 850
Contact material Surface characteristics Metal surface terminal point (top layer) Metal surface contact area (top layer) Metal surface contact area (top layer) Metal data - housing Color (Housing) Insulating material Insulating material group CTI according to IEC 60112 Flammability rating according to UL 94 Glow wire flammability index GWFI according to EN 60695-2-12 Glow wire ignition temperature GWIT according to EN 60695-2-13 Temperature for the ball pressure test according to EN 60695-10-2	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  Cu alloy hot-dip tin-plated Tin (4 - 8 µm Sn) Tin (4 - 8 µm Sn)  green (6021) PA I 600 V0 850 775
erial specifications  aterial data - contact  Note  Contact material  Surface characteristics  Metal surface terminal point (top layer)  Metal surface contact area (top layer)  aterial data - housing  Color (Housing)  Insulating material  Insulating material group  CTI according to IEC 60112  Flammability rating according to UL 94  Glow wire flammability index GWFI according to EN 60695-2-12  Glow wire ignition temperature GWIT according to EN 60695-2-13  Temperature for the ball pressure test according to EN 60695-10-2  aterial data – actuating element  Color (Actuating element)	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  Cu alloy hot-dip tin-plated Tin (4 - 8 µm Sn) Tin (4 - 8 µm Sn)  green (6021) PA I 600 V0 850 775



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Insulating material	PBT
Insulating material group	Illa
CTI according to IEC 60112	275
Flammability rating according to UL 94	V0

### **Dimensions**

Dimensional drawing	h
Pitch	3.5 mm
Width [w]	38.3 mm
Height [h]	7.8 mm
Length [I]	22.9 mm

## Mounting

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3		
Tightening torque	0.3 Nm	

### Mechanical tests

### Conductor connection

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

#### 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 mm² / solid / > 10 N
	0.2 mm² / flexible / > 10 N
	1.5 mm² / solid / > 40 N
	1.5 mm² / flexible / > 40 N

#### Insertion and withdrawal forces

Result	Test passed
No. of cycles	25
Insertion strength per pos. approx.	9 N



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Test directions

Withdraw strength per pos. approx.	7 N
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
Visual inspection	
Specification	IEC 60512-1-1:2002-02
Result	Test passed
Dimension check	
Specification	IEC 60512-1-2:2002-02
Result	Test passed
Specification	IEC 60068-2-6:2007-12
Vibration test Specification	IFC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.35 mm (10 Hz 60.1 Hz)
Acceleration	5g (60.1 Hz 150 Hz)
Test duration per axis	2.5 h
Durability test	
Durability test Specification	IEC 60512-9-1:2010-03
	IEC 60512-9-1:2010-03 2.95 kV
Specification	
Specification Impulse withstand voltage at sea level	2.95 kV
Specification Impulse withstand voltage at sea level Contact resistance R <sub>1</sub>	2.95 kV 1.6 mΩ
Specification  Impulse withstand voltage at sea level  Contact resistance $R_1$ Contact resistance $R_2$	2.95 kV   1.6 mΩ   1.7 mΩ
Specification Impulse withstand voltage at sea level Contact resistance R <sub>1</sub> Contact resistance R <sub>2</sub> Insertion/withdrawal cycles	2.95 kV   1.6 mΩ   1.7 mΩ
Specification Impulse withstand voltage at sea level Contact resistance R <sub>1</sub> Contact resistance R <sub>2</sub> Insertion/withdrawal cycles Climatic test	2.95 kV 1.6 mΩ 1.7 mΩ 25
Specification Impulse withstand voltage at sea level Contact resistance R <sub>1</sub> Contact resistance R <sub>2</sub> Insertion/withdrawal cycles Climatic test Specification	2.95 kV 1.6 mΩ 1.7 mΩ 25
Specification  Impulse withstand voltage at sea level  Contact resistance R <sub>1</sub> Contact resistance R <sub>2</sub> Insertion/withdrawal cycles  Climatic test  Specification  Corrosive stress	$2.95 \text{ kV}$ $1.6 \text{ m}\Omega$ $1.7 \text{ m}\Omega$ $25$ $ISO 6988:1985-02$ $0.2 \text{ dm}^3 \text{ SO}_2 \text{ on } 300 \text{ dm}^3/40 \text{ °C/1 cycle}$
Specification  Impulse withstand voltage at sea level  Contact resistance R <sub>1</sub> Contact resistance R <sub>2</sub> Insertion/withdrawal cycles  Climatic test  Specification  Corrosive stress  Thermal stress	$2.95 \text{ kV}$ $1.6 \text{ m}\Omega$ $1.7 \text{ m}\Omega$ $25$ $ISO 6988:1985-02$ $0.2 \text{ dm}^3 \text{ SO}_2 \text{ on } 300 \text{ dm}^3/40 \text{ °C/1 cycle}$ $100 \text{ °C/168 h}$
Specification  Impulse withstand voltage at sea level  Contact resistance R <sub>1</sub> Contact resistance R <sub>2</sub> Insertion/withdrawal cycles  Climatic test  Specification  Corrosive stress  Thermal stress  Power-frequency withstand voltage	$2.95 \text{ kV}$ $1.6 \text{ m}\Omega$ $1.7 \text{ m}\Omega$ $25$ $ISO 6988:1985-02$ $0.2 \text{ dm}^3 \text{ SO}_2 \text{ on } 300 \text{ dm}^3/40 \text{ °C/1 cycle}$ $100 \text{ °C/168 h}$
Specification  Impulse withstand voltage at sea level  Contact resistance R <sub>1</sub> Contact resistance R <sub>2</sub> Insertion/withdrawal cycles  Climatic test  Specification  Corrosive stress  Thermal stress  Power-frequency withstand voltage	$2.95 \text{ kV}$ $1.6 \text{ m}\Omega$ $1.7 \text{ m}\Omega$ $25$ $ISO 6988:1985-02$ $0.2 \text{ dm}^3 \text{ SO}_2 \text{ on } 300 \text{ dm}^3/40 \text{ °C/1 cycle}$ $100 \text{ °C/168 h}$ $1.39 \text{ kV}$
Specification  Impulse withstand voltage at sea level  Contact resistance R <sub>1</sub> Contact resistance R <sub>2</sub> Insertion/withdrawal cycles  Climatic test  Specification  Corrosive stress  Thermal stress  Power-frequency withstand voltage  Shocks  Specification	$2.95 \text{ kV}$ $1.6 \text{ m}\Omega$ $1.7 \text{ m}\Omega$ $25$ $ISO 6988:1985-02$ $0.2 \text{ dm}^3 \text{ SO}_2 \text{ on } 300 \text{ dm}^3/40 \text{ °C/1 cycle}$ $100 \text{ °C/168 h}$ $1.39 \text{ kV}$ $IEC 60068-2-27:2008-02$

X-, Y- and Z-axis (pos. and neg.)



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#### 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	20

#### Insulation resistance

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

#### Temperature cycles

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

#### Air clearances and creepage distances |

All cicaratices and cicepage 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

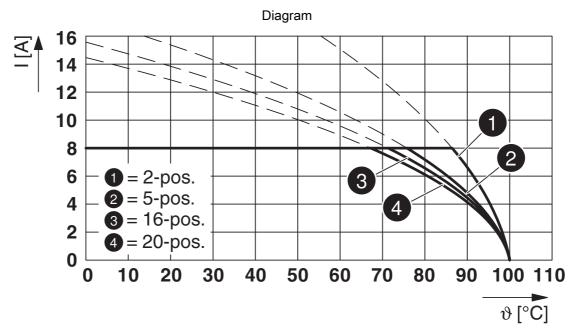
Type of packaging	packed in cardboard
,, , , , , , , , , , , , , , , , , , ,	•



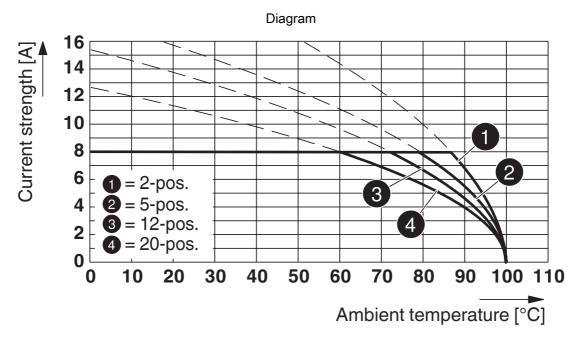
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## **Drawings**



Type: FMC 1,5/...-STF-3,5 with MC 1,5/...-GF-3,5

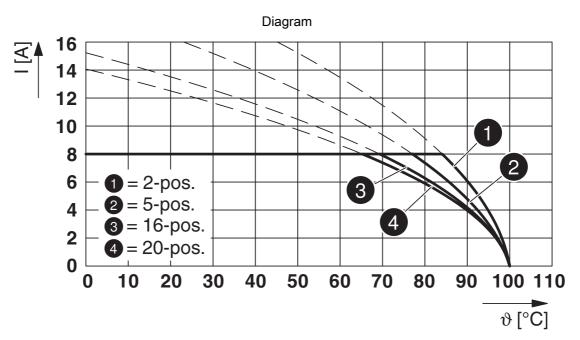


Type: FMC 1,5/...-STF-3,5 with MCV 1,5/...-GF-3,5 P... THR

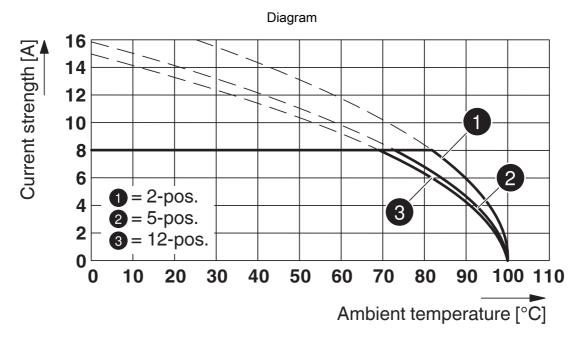


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Type: FMC 1,5/...-STF-3,5 with MCV 1,5/...-GF-3,5



Type: FMC 1,5/...-STF-3,5 with MC 1,5/...-GF-3,5 P.. THR



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## **Approvals**

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1966156

cULus Recognized Approval ID: E60425-19920306				
	Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
Use group B				
Field wiring	150 V	8 A	24 - 16	-
Use group C				
Factory wiring	50 V	8 A	24 - 16	-

VDE Zeichengenehmigung Approval ID: 40011723				
	Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
	160 V	8 A	-	0.2 - 1.5



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## Classifications

UNSPSC 21.0

### **ECLASS**

E	ECLASS-11.0	27460202		
Е	ECLASS-12.0	27460202		
Е	ECLASS-13.0	27460202		
ETIM				
Е	TIM 9.0	EC002638		
UNSPSC				

39121400



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## Environmental product compliance

Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%



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#### Accessories

### SK 3,5/2,8:FORTL.ZAHLEN - Marker card

0804073

https://www.phoenixcontact.com/us/products/0804073



Marker card, Sheet, white, labeled, horizontal: consecutive numbers 1 ... 10, 11 . .. 20, etc. up to 91 ... 99, mounting type: adhesive, for terminal block width: 3.5 mm, lettering field size: 3.5 x 2.8 mm, Number of individual labels: 14

### B-STIFT - Marker pen

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



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### CRIMPFOX 6 - Crimping pliers

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

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

1205037

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



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



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#### MCV 1,5/8-GF-3,5 P20 THRR56 - PCB header

1780781

https://www.phoenixcontact.com/us/products/1780781



PCB headers, nominal cross section: 1.5 mm², color: black, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Pin, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: MCV 1,5/.-GF-THR, pitch: 3.5 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1,5, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, mounting: Threaded flange, type of packaging: 56 mm wide tape, For user information and design recommendations for through-hole reflow technology, go to: Downloads

#### MC 1,5/8-GF-3,5 P26 THR - PCB header

1789287

https://www.phoenixcontact.com/us/products/1789287



PCB headers, nominal cross section: 1.5 mm², color: black, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Pin, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: MC 1,5/..-GF-THR, pitch: 3.5 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.6 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1,5, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, mounting: Threaded flange, type of packaging: packed in cardboard



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#### MC 1,5/8-GF-3,5 P26 THRR56 - PCB header

1789290

https://www.phoenixcontact.com/us/products/1789290



PCB headers, nominal cross section: 1.5 mm², color: black, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Pin, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: MC 1,5/..-GF-THR, pitch: 3.5 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.6 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1,5, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, mounting: Threaded flange, type of packaging: 56 mm wide tape

#### MCV 1,5/8-GF-3,5 - PCB header

1843282

https://www.phoenixcontact.com/us/products/1843282



PCB headers, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Pin, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: MCV 1,5/..-GF, pitch: 3.5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.4 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1,5, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, mounting: Threaded flange, type of packaging: packed in cardboard



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#### MC 1,5/8-GF-3,5 - PCB header

1843855

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PCB headers, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Pin, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: MC 1,5/..-GF, pitch: 3.5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.4 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1,5, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, mounting: Threaded flange, type of packaging: packed in cardboard

#### MC 1,5/8-GF-3,5 P20 THR - PCB header

1789504

https://www.phoenixcontact.com/us/products/1789504



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, contact connection type: Pin, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: MC 1,5/..-GF-THR, pitch: 3.5 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1,5, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, mounting: Threaded flange, type of packaging: packed in cardboard



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#### MC 1,5/8-GF-3,5 P14 THR - PCB header

1789724

https://www.phoenixcontact.com/us/products/1789724



PCB headers, nominal cross section: 1.5 mm², color: black, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, contact connection type: Pin, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: MC 1,5/..-GF-THR, pitch: 3.5 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 1.4 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1,5, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, mounting: Threaded flange, type of packaging: packed in cardboard

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Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com