

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header



1898884

<https://www.phoenixcontact.com/pc/products/1898884>

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.



Feed-through header, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Pin, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: DFK-MSTBA 2,5/..-G, pitch: 5.08 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.2 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: packed in cardboard

## Your advantages

- Cable connection on the inside of the device enables flexible positioning of the panel feed-through
- Free choice – permanent solder connection or standardized slip-on connection
- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies

## Commercial Data

Item number	1898884
Packing unit	50 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Product Key	AACWCA
Catalog Page	Page 354 (C-1-2013)
GTIN	4017918186050
Weight per Piece (including packing)	5.9 g
Weight per Piece (excluding packing)	5.9 g
Customs tariff number	85366930
Country of origin	PL

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header



1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## Technical Data

### Product properties

Type	Feed-through header
Product line	COMBICON Connectors M
Product type	Feed-through header
Product family	DFK-MSTBA 2,5/..-G
Number of positions	7
Pitch	5.08 mm
Number of connections	7
Number of rows	1
Mounting flange	without
Number of potentials	7
Pin layout	Linear pinning
Solder pins per potential	1

### Electrical properties

Nominal current $I_N$	12 A
Nominal voltage $U_N$	320 V
Degree of pollution	3
Contact resistance	1.4 m $\Omega$
Rated voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated surge voltage (III/2)	4 kV
Rated voltage (II/2)	400 V
Rated surge voltage (II/2)	4 kV

### Mounting

Mounting type	Wave soldering
Pin layout	Linear pinning

#### Attachment to feed-through panel

Tightening torque	0.3 Nm
Screw	0708263 DFK-MSTB SS for housing walls of up to 6 mm thick

### 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	Tin-plated
Metal surface contact area (top layer)	Tin (5 - 7 $\mu\text{m}$ Sn)
Metal surface contact area (middle layer)	Nickel (2 - 3 $\mu\text{m}$ Ni)

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header



1898884

<https://www.phoenixcontact.com/pc/products/1898884>

Metal surface soldering area (top layer)	Tin (5 - 7 $\mu$ m Sn)
Metal surface soldering area (middle layer)	Nickel (2 - 3 $\mu$ m Ni)

## Material data - housing

Color (Housing)	green (6021)
Insulating material	PBT
Insulating material group	IIIa
CTI according to IEC 60112	225
Flammability rating according to UL 94	V0

## Notes

Notes on operation	In accordance with IEC 61984, COMBICON connectors have no switching power (COC). During designated use, they must not be plugged in or disconnected when carrying voltage or under load.
--------------------	--

## Dimensions

Dimensional drawing	
Pitch	5.08 mm
Width [w]	55.16 mm
Height [h]	20.7 mm
Length [l]	12 mm
Installed height	20.7 mm
Solder pin length [P]	3.2 mm

## Mechanical tests

Visual inspection	
Specification	IEC 60512-1-1:2002-02
Result	Test passed
Dimension check	
Specification	IEC 60512-1-2:2002-02
Result	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

Contact holder in insert

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header



1898884

<https://www.phoenixcontact.com/pc/products/1898884>

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

## Insertion and withdrawal forces

Result	Test passed
No. of cycles	25
Insertion strength per pos. approx.	8 N
Withdraw strength per pos. approx.	6 N

## Electrical tests

### Thermal test | Test group C

Specification	IEC 60512-5-1:2002-02
Tested number of positions	16

### Insulation resistance

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

### Air clearances and creepage distances |

Specification	IEC 60664-1:2007-04
Insulating material group	IIIa
Comparative tracking index (IEC 60112)	CTI 225
Rated insulation voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
minimum clearance value - non-homogenous field (III/3)	3 mm
minimum creepage distance (III/3)	4 mm
Rated insulation voltage (III/2)	320 V
Rated surge voltage (III/2)	4 kV
minimum clearance value - non-homogenous field (III/2)	3 mm
minimum creepage distance (III/2)	3.2 mm
Rated insulation voltage (II/2)	400 V
Rated surge voltage (II/2)	4 kV
minimum clearance value - non-homogenous field (II/2)	3 mm
minimum creepage distance (II/2)	4 mm

## 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 Hz ... 60.1 Hz)
Sweep speed	5g (60.1 Hz ... 150 Hz)
Test duration per axis	2.5 h

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header



1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## Durability test

Specification	IEC 60512-9-1:2010-03
Impulse withstand voltage at sea level	4.8 kV
Contact resistance R <sub>1</sub>	1.4 mΩ
Contact resistance R <sub>2</sub>	1.4 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	2.21 kV

## Ambient conditions

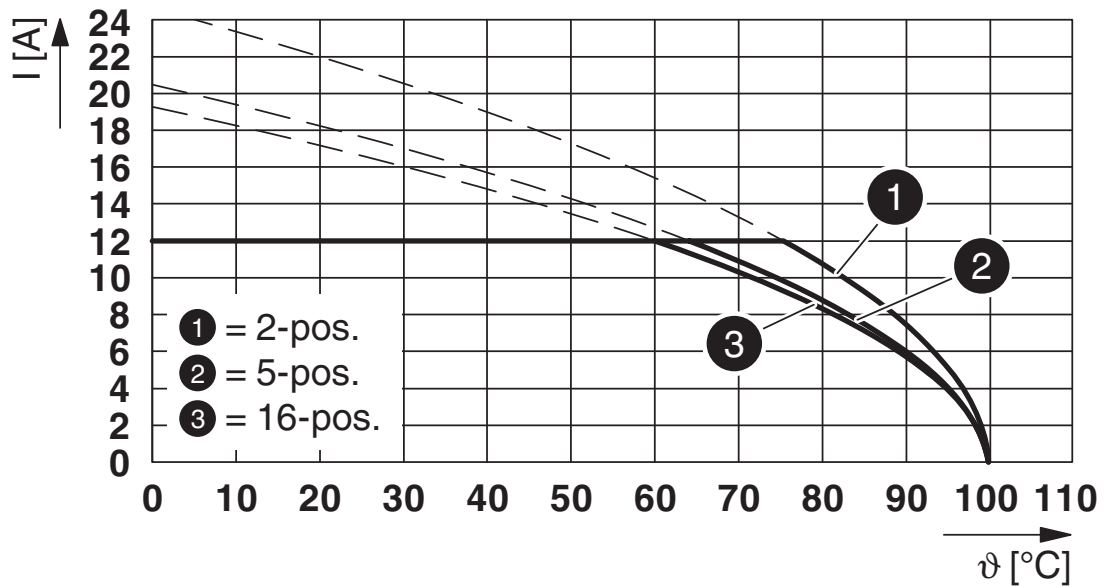
Ambient temperature (operation)	-40 °C ... 100 °C (dependent on the derating curve)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Relative humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 100 °C

1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## Drawings

Diagram



Type: MSTB 2,5/...-ST-5,08 with DFK-MSTBA 2,5/...-G-5,08

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header



1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1898884>



**EAC**

Approval ID: B.01687



**cULus Recognized**

Approval ID: E60425-19931011

	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
Use group B				
	300 V	15 A	-	-
Use group D				
	300 V	10 A	-	-



**VDE Zeichengenehmigung**

Approval ID: 40050648

	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
	250 V	12 A	-	-

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header



1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## Classifications

### ECLASS

ECLASS-11.0	27460201
ECLASS-12.0	27460201
ECLASS-13.0	27460201

### ETIM

ETIM 8.0	EC002637
----------	----------

### UNSPSC

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



# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header



1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## Environmental Product Compliance

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

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header



1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## Accessories

### DFK-MSTB-SS - Screw set

0708263

<https://www.phoenixcontact.com/pc/products/0708263>



Screw set, for securing the header to the device wall, consists of an M3 x 10 screw, with a spring washer and a nut

---

### CR-MSTB - Coding section

1734401

<https://www.phoenixcontact.com/pc/products/1734401>



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header

1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## MSTB-BL - Accessories

1755477

<https://www.phoenixcontact.com/pc/products/1755477>



Keying cap, for forming sections, plugs onto header pin, green insulating material

---

## MSTB 2,5/ 7-ST-5,08 - PCB connector

1757064

<https://www.phoenixcontact.com/pc/products/1757064>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: MSTB 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header

1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## LPC 2,5/ 7-ST-5,08 - PCB connector

1110586

<https://www.phoenixcontact.com/pc/products/1110586>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of rows: 1, number of positions: 7, product range: LPC 2,5/..-ST, pitch: 5.08 mm, connection method: Lever Push-in connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

---

## TVMSTB 2,5/ 7-ST-5,08 - PCB connector

1719053

<https://www.phoenixcontact.com/pc/products/1719053>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 400 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 14, product range: TVMSTB 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header

1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## FKCN 2,5/ 7-ST-5,08 - PCB connector

1754610

<https://www.phoenixcontact.com/pc/products/1754610>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: FKCN 2,5/..-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

---

## MSTB 2,5/ 7-STZ-5,08 - PCB connector

1776113

<https://www.phoenixcontact.com/pc/products/1776113>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: MSTB 2,5/..-STZ, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header

1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## FRONT-MSTB 2,5/ 7-ST-5,08 - PCB connector

1777332

<https://www.phoenixcontact.com/pc/products/1777332>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: FRONT-MSTB 2,5/...-ST, pitch: 5.08 mm, connection method: Front screw connection, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

---

## MSTBT 2,5/ 7-ST-5,08 - PCB connector

1781030

<https://www.phoenixcontact.com/pc/products/1781030>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: MSTBT 2,5/...-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header

1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## MVSTBR 2,5/ 7-ST-5,08 - PCB connector

1792294

<https://www.phoenixcontact.com/pc/products/1792294>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: MVSTBR 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

---

## MVSTBW 2,5/ 7-ST-5,08 - PCB connector

1792809

<https://www.phoenixcontact.com/pc/products/1792809>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: MVSTBW 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: -90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header

1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## MSTBC 2,5/ 7-ST-5,08 - PCB connector

1808861

<https://www.phoenixcontact.com/pc/products/1808861>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: MSTBC 2,5/..-ST, pitch: 5.08 mm, connection method: Crimp connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

## MSTBC 2,5/ 7-STZ-5,08 - PCB connector

1809556

<https://www.phoenixcontact.com/pc/products/1809556>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: MSTBC 2,5/..-STZ, pitch: 5.08 mm, connection method: Crimp connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte



# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header

1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## MSTBU 2,5/ 7-STD-5,08 - Printed-circuit board connector

1824175

<https://www.phoenixcontact.com/pc/products/1824175>



Direct plug-in block, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: MSTBU 2,5/...-STD, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Direct mounting, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

---

## MSTBVK 2,5/ 7-ST-5,08 - DIN rail connector

1831362

<https://www.phoenixcontact.com/pc/products/1831362>



DIN rail connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: MSTBVK 2,5/...-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: DIN rail, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header

1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## UMSTBVK 2,5/ 7-ST-5,08 - DIN rail connector

1833865

<https://www.phoenixcontact.com/pc/products/1833865>



DIN rail connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: UMSTBVK 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: DIN rail, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

## TMSTBP 2,5/ 7-ST-5,08 - PCB connector

1853065

<https://www.phoenixcontact.com/pc/products/1853065>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 14, product range: TMSTBP 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard, The plug allows conductors to be looped through from module to module.

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header

1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## FKC 2,5/ 7-ST-5,08 - PCB connector

1873100

<https://www.phoenixcontact.com/pc/products/1873100>



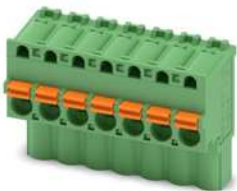
PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: FKC 2,5/..-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

---

## FKCVW 2,5/ 7-ST-5,08 - PCB connector

1873702

<https://www.phoenixcontact.com/pc/products/1873702>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: FKCVW 2,5/..-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: -90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header

1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## FKCVR 2,5/ 7-ST-5,08 - PCB connector

1874002

<https://www.phoenixcontact.com/pc/products/1874002>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: FKCVR 2,5/..-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

## QC 1/ 7-ST-5,08 - PCB connector

1883307

<https://www.phoenixcontact.com/pc/products/1883307>



PCB connector, nominal cross section: 1 mm<sup>2</sup>, color: green, nominal current: 10 A, rated voltage (III/2): 630 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: QC 1/..-ST, pitch: 5.08 mm, connection method: Displacement connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header



1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## FKCT 2,5/ 7-ST-5,08 - PCB connector

1902165

<https://www.phoenixcontact.com/pc/products/1902165>

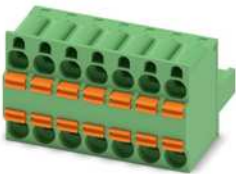


PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: FKCT 2,5/...-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

## TFKC 2,5/ 7-ST-5,08 - PCB connector

1962655

<https://www.phoenixcontact.com/pc/products/1962655>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 14, product range: TFKC 2,5/...-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

# DFK-MSTBA 2,5/ 7-G-5,08 - Feed-through header



1898884

<https://www.phoenixcontact.com/pc/products/1898884>

## FKCS 2,5/ 7-ST-5,08 - PCB connector

1975121

<https://www.phoenixcontact.com/pc/products/1975121>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: FKCS 2,5/..-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

---

Phoenix Contact 2023 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG

Flachsmarktstraße 8

D-32825 Blomberg

+49 (0) 5235-3 00

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