

# MSTBO 2,5/ 4-4 ST SET - Printed-circuit board connector



2707961

<https://www.phoenixcontact.com/de/produkte/2707961>

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Set, consisting of COMBICON headers and PCB terminal blocks for 6 x 4-pos. (24-pos.), color: green



## Commercial Data

Item number	2707961
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	F1 - Elektronikgehäuse
Product Key	ACHADB
GTIN	4017918906092
Weight per Piece (including packing)	38,3 g
Weight per Piece (excluding packing)	36,74 g
Customs tariff number	85366990
Country of origin	DE

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## Set consists of

### MSTBO 2,5/ 4-G1L - PCB header

1861060

<https://www.phoenixcontact.com/de/produkte/1861060>



PCB headers, 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: Male connector, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: MSTBO 2,5/..-G1L, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, number of solder pins per potential: 1, locking: without, type of packaging: packed in cardboard, Product with pin output on left side

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### MSTBO 2,5/ 4-G1R - PCB header

1861073

<https://www.phoenixcontact.com/de/produkte/1861073>



PCB headers, 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: Male connector, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: MSTBO 2,5/..-G1R, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, number of solder pins per potential: 1, locking: without, type of packaging: packed in cardboard, Product with pin output on right side

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## MSTBT 2,5/ 4-ST - PCB connector

1779851

<https://www.phoenixcontact.com/de/produkte/1779851>



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: Female connector, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: MSTBT 2,5/..-ST, pitch: 5 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

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## Technical Data

### Product properties

Product type	PCB headers
Number of positions	4
Pitch	5 mm
Mounting flange	without
Pin layout	Linear pinning

### Electrical properties

Rated voltage (II/2)	400 V
Rated voltage (III/2)	320 V
Rated surge voltage (II/2)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (III/3)	4 kV

### Mounting

Mounting type	Soldering
Pin layout	Linear pinning

### Material specifications

Color	green
Insulating material	PA
Contact surface material	Sn

### Dimensions

Pitch	5 mm
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## Approvals

 <b>CSA</b> Approval ID: 13631				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
Use group B	300 V	10 A	28 - 12	-
Use group D	300 V	10 A	28 - 12	-

 <b>IECEE CB Scheme</b> Approval ID: DE1-60988-B1B2				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
	250 V	8 A	-	-

 <b>EAC</b> Approval ID: B.01687				
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 <b>cULus Recognized</b> Approval ID: E60425-19931011				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
Use group B	300 V	15 A	30 - 12	-
Use group D	300 V	10 A	30 - 12	-

 <b>VDE Zeichengenehmigung</b> Approval ID: 40050648				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
	250 V	8 A	-	-

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## Classifications

### ECLASS

ECLASS-9.0	27440402
ECLASS-10.0.1	27440402
ECLASS-11.0	27460201

### ETIM

ETIM 8.0	EC002637
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"
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## Accessories

### CR MSTBO-G1 - Coding section

2199618

<https://www.phoenixcontact.com/de/produkte/2199618>

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



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PHOENIX CONTACT Deutschland GmbH  
Flachsmarktstraße 8  
D-32825 Blomberg  
+49 52 35/3-1 20 00  
[info@phoenixcontact.de](mailto:info@phoenixcontact.de)