

## Printed-circuit board connector - MSTB 2,5/ 2-G BK - 1756243

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

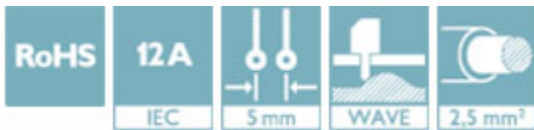
Header, nominal current: 12 A, number of positions: 2, pitch: 5 mm, color: black, contact surface: Tin, mounting: Wave soldering




The figure shows a 10-pos. version of the product in green

### Why buy this product

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Easy PCB replacement thanks to plug-in modules
- ✓ Well-known mounting principle allows worldwide use
- ✓ Items that can be aligned in various pitches support flexible and space-saving PCB assembly



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 017918 220440
GTIN	4017918220440
Weight per Piece (excluding packing)	1.090 g
Custom tariff number	85366930
Country of origin	Germany

### Technical data

#### Dimensions

Pitch	5 mm
Dimension a	5 mm
Constructional height	9 mm
Length of the solder pin	3.5 mm

# Printed-circuit board connector - MSTB 2,5/ 2-G BK - 1756243

## Technical data

### General

Range of articles	MSTB 2,5/..-G
Rated voltage (III/3)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	12 A
Color	black
Number of positions	2

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

### Environmental Product Compliance

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

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637

### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

# Printed-circuit board connector - MSTB 2,5/ 2-G BK - 1756243

## Approvals

### Approvals


#### Approvals


CSA / VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / cULus Recognized / EAC


#### Ex Approvals

### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
		B	D
Nominal current IN		10 A	10 A
Nominal voltage UN		300 V	300 V

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a>	40004701
Nominal current IN		12 A	
Nominal voltage UN		250 V	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-58978-B1B2
Nominal current IN		12 A	
Nominal voltage UN		250 V	

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19931011
		B	D
Nominal current IN		15 A	15 A
Nominal voltage UN		300 V	150 V

## Printed-circuit board connector - MSTB 2,5/ 2-G BK - 1756243

### Approvals

EAC



B.01742

### Accessories

#### Accessories

#### Coding element

Coding star - CR-MSTB - 1734401



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

### Filler plug

Accessories - MSTB-BL - 1755477



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

### Flange

Accessories - MSTB-BF - 1759981



Mounting flange, for fixing both ends of the header onto the PCB, green insulating material, with M 2 x 14 screws and nuts.

### Labeled terminal marker

## Printed-circuit board connector - MSTB 2,5/ 2-G BK - 1756243

### Accessories

Marker card - SK 5/3,8:FORTL.ZAHLEN - 0804183



Marker card, Card, white, labeled, Horizontal: consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, mounting type: adhesive, for terminal block width: 5 mm, lettering field size: 5 x 3.8 mm

---

### Additional products

Printed-circuit board connector - MSTB 2,5/ 2-ST - 1754449



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

---

Printed-circuit board connector - MSTBP 2,5/ 2-ST - 1765771



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

---

Printed-circuit board connector - MSTBT 2,5/ 2-ST - 1779835



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

---

Printed-circuit board connector - SMSTB 2,5/ 2-ST - 1768765



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

## Printed-circuit board connector - MSTB 2,5/ 2-G BK - 1756243

### Accessories

#### Printed-circuit board connector - MVSTBR 2,5/ 2-ST - 1792016



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

---

#### Printed-circuit board connector - MVSTBW 2,5/ 2-ST - 1792524



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

---

#### Printed-circuit board connector - FRONT-MSTB 2,5/ 2-ST - 1779411



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5 mm, connection method: Front screw connection, color: green, contact surface: Tin

---

#### Printed-circuit board connector - FKCT 2,5/ 2-ST - 1910351



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

---

#### Printed-circuit board connector - FKCT 2,5/ 2-ST - 1909210



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

---

## Printed-circuit board connector - MSTB 2,5/ 2-G BK - 1756243

### Accessories

Printed-circuit board connector - FKCVW 2,5/ 2-ST - 1910034



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

---

Printed-circuit board connector - FKCVR 2,5/ 2-ST - 1909715



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

---