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Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, Color: black, Contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

The illustration shows an 8-position version

#### Why buy this product

- Maximum flexibility when it comes to device design one header for connectors with different connection technologies















## **Key Commercial Data**

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	4 017918 821548
GTIN	4017918821548
Weight per Piece (excluding packing)	4.540 g
Custom tariff number	85366930
Country of origin	Germany

#### Technical data

#### **Dimensions**

Length	12 mm
Pitch	5.08 mm
Dimension a	10.16 mm
Constructional height	9 mm



# Technical data

## Dimensions

Length of the solder pin	3.5 mm
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

#### General

Range of articles	MSTB 2,5/GF-THT
Insulating material group	Illa
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	12 A
Maximum load current	12 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	black
Number of positions	3

## Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

## **Environmental Product Compliance**

China RoHS	Environmentally Friendly Use Period = 50	
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"	

## 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



## Classifications

## eCl@ss

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

## Approvals

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Approvals

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

Ex Approvals

## Approval details

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



# Approvals

IECEE CB Scheme	<b>CB</b> scheme	http://www.iecee.org/	DE1-58636-B1B2
Nominal current IN		12 A	
Nominal voltage UN		250 V	

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

EAC	B.01742
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### Accessories

#### Additional products

Printed-circuit board connector - TVMSTB 2,5/ 3-STF-5,08 - 1719105



Plug component, nominal current: 12 A, rated voltage (III/2): 400 V, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCN 2,5/ 3-STF-5,08 - 1754801

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin





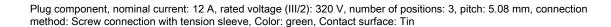
#### Accessories

Printed-circuit board connector - FRONT-MSTB 2,5/ 3-STF-5,08 - 1777811



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Front screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/ 3-STF-5,08 - 1777992



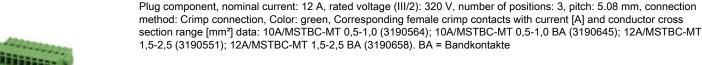


Printed-circuit board connector - MSTBT 2,5/ 3-STF-5,08 - 1805314

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Printed-circuit board connector - MSTBC 2,5/ 3-STZF-5,08 - 1809747





Printed-circuit board connector - MVSTBW 2,5/ 3-STF-5,08 - 1834916



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



#### Accessories

Printed-circuit board connector - MVSTBR 2,5/ 3-STF-5,08 - 1835106



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - TMSTBP 2,5/ 3-STF-5,08 - 1853117



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, The plug allows conductors to be looped through from module to module.

Printed-circuit board connector - FKC 2,5/ 3-STF-5,08 - 1873210



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/ 3-STF-5,08 - 1873812



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/ 3-STF-5,08 - 1874112



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin



#### Accessories

Printed-circuit board connector - QC 1/3-STF-5,08 - 1883365



Plug component, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 3, pitch: 5.08 mm, connection method: Displacement connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCT 2,5/ 3-STF-5,08 - 1902314



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - TFKC 2,5/3-STF-5,08 - 1962707



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - SMSTB 2,5/ 3-STF-5,08 - 1971073



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCS 2,5/ 3-STF-5,08 - 1975273



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin



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