

Printed-circuit board connector - DFK-MSTBA 2,5/15-GF-5,08 - 1899113

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>)

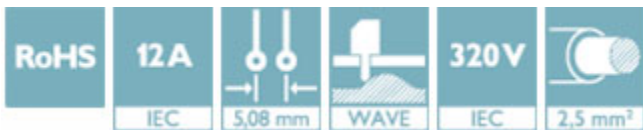


Feed-through header, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 15, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.2 mm

The figure shows a 10-position version of the product

Your advantages

- ✓ Inside: with horizontal or vertical solder connection
- ✓ Inside of the housing is protected against dust by the seal provided
- ✓ Mounting from the inside of the device through the housing panel
- ✓ Headers for assembly in a device/housing panel
- ✓ 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
- ✓ Screwable flange for superior mechanical stability



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	
GTIN	4017918186586
Weight per Piece (excluding packing)	11.430 g
Custom tariff number	85366930
Country of origin	Poland

Technical data

Dimensions

Printed-circuit board connector - DFK-MSTBA 2,5/15-GF-5,08 - 1899113

Technical data

Dimensions

Length [l]	12 mm
Width	105.96 mm
Pitch	5.08 mm
Dimension a	71.12 mm
Width [w]	105.96 mm
Height [h]	18.2 mm
Height	18.2 mm
Length of the solder pin	3.2 mm
Pin dimensions	1 x 1 mm
Length	12 mm

General

Range of articles	DFK-MSTBA 2,5/..-GF
Insulating material group	IIIa
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 _N	12 A
Maximum load current	12 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	15

Standards and Regulations

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Printed-circuit board connector - DFK-MSTBA 2,5/15-GF-5,08 - 1899113

Classifications

eCl@ss

eCl@ss 10.0.1	27440402
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141134
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC002637
ETIM 6.0	EC002637
ETIM 7.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121410
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

Approvals

Approvals

Approvals

IECEE CB Scheme / EAC / cULus Recognized / VDE Zeichengenehmigung

Ex Approvals

Printed-circuit board connector - DFK-MSTBA 2,5/15-GF-5,08 - 1899113

Approvals

Approval details

IECEE CB Scheme		http://www.iecee.org/	DE1-60988-B1B2
Nominal voltage UN		250 V	
Nominal current IN		12 A	

EAC		B.01687
-----	--	---------

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931011
		B	D
Nominal voltage UN		300 V	300 V
Nominal current IN		15 A	10 A

VDE Zeichengenehmigung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40050648
Nominal voltage UN		250 V	
Nominal current IN		12 A	

Accessories

Accessories

Coding element

Coding section - CR-MSTB - 1734401

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



Filler plug

Printed-circuit board connector - DFK-MSTBA 2,5/15-GF-5,08 - 1899113

Accessories

Accessories - MSTB-BL - 1755477



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

Mounting material

Screw set - DFK-MSTB-SS - 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

Additional products

Printed-circuit board connector - FKCN 2,5/15-STF-5,08 - 1754924

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 15, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



Printed-circuit board connector - FRONT-MSTB 2,5/15-STF-5,08 - 1777921

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 15, pitch: 5.08 mm, connection method: Front screw connection, color: green, contact surface: Tin



Printed-circuit board connector - MSTB 2,5/15-STF-5,08 - 1778111

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 15, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - DFK-MSTBA 2,5/15-GF-5,08 - 1899113

Accessories

Printed-circuit board connector - MSTBT 2,5/15-STF-5,08 - 1805424

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 15, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - MSTBC 2,5/15-STZF-5,08 - 1809860

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 15, pitch: 5.08 mm, connection method: Crimp connection, color: green, contact surface: Tin, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] 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



Printed-circuit board connector - MVSTBW 2,5/15-STF-5,08 - 1835038

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 15, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - MVSTBR 2,5/15-STF-5,08 - 1835229

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 15, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - FKC 2,5/15-STF-5,08 - 1873333

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 15, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



Printed-circuit board connector - DFK-MSTBA 2,5/15-GF-5,08 - 1899113

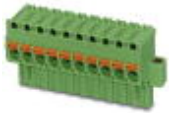
Accessories

Printed-circuit board connector - FKCVW 2,5/15-STF-5,08 - 1873935



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 15, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/15-STF-5,08 - 1874235



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 15, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - QC 1/15-STF-5,08 - 1883886



PCB connector, nominal current: 10 A, rated voltage (III/2): 630 V, nominal cross section: 1 mm², number of positions: 15, pitch: 5.08 mm, connection method: Displacement connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCT 2,5/15-STF-5,08 - 1902437



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 15, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - SMSTB 2,5/15-STF-5,08 - 1971196



PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 15, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - DFK-MSTBA 2,5/15-GF-5,08 - 1899113

Accessories

Printed-circuit board connector - FKCS 2,5/15-STF-5,08 - 1975396

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 15, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

