

Base strip - DFK-MSTB 2,5/ 3-GF - 0710031

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>)



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, connection method: Solder/Slip-on connection, Color: green, contact surface: Tin, mounting: Direct mounting

The figure shows a 10-position version of the product

Why buy this product

- ✓ 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



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 005061
GTIN	4017918005061
Weight per Piece (excluding packing)	4.800 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length [l]	17.5 mm
Width [w]	25.00 mm
Height [h]	38.3 mm
Pitch	5 mm
Dimension a	10.00 mm

Base strip - DFK-MSTB 2,5/ 3-GF - 0710031

Technical data

Dimensions

Dimensions of slip-on connection	2,8 x 0,8 mm
----------------------------------	--------------

General

Range of articles	DFK-MSTB 2,5/...-GF
Type of contact	Male connector
Number of positions	3
Connection method	Solder/Slip-on connection
Insulating material group	I
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)	320 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal cross section	2.5 mm ²
Maximum load current	12 A
Insulating material	PA
Flammability rating according to UL 94	V2

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V2

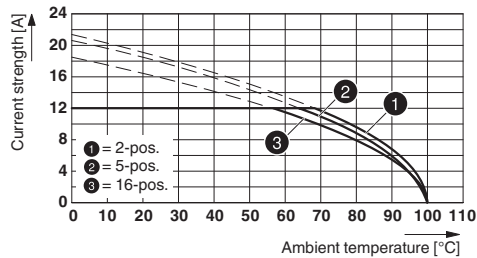
Environmental Product Compliance

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

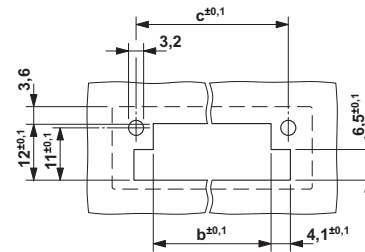
Drawings

Base strip - DFK-MSTB 2,5/ 3-GF - 0710031

Diagram



Drilling diagram

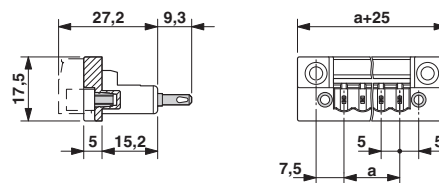


Type: MSTB 2,5/...-STF with DFK-MSTB 2,5/...-GF

Dimension b: 2.7 mm + (no. of pos. x 5.0 mm)

Dimension c: Dim. b + 7.3 mm

Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27141190
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

ETIM

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

UNSPSC

UNSPSC 6.01	30211810
-------------	----------

Base strip - DFK-MSTB 2,5/ 3-GF - 0710031

Classifications

UNSPSC

UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / cULus Recognized / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
	B	D	
Nominal current I _N	15 A	10 A	
Nominal voltage U _N	300 V	300 V	

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

IECEE CB Scheme		http://www.iecee.org/	DE1-58978-B1B2
Nominal current I _N	12 A		
Nominal voltage U _N	250 V		

Base strip - DFK-MSTB 2,5/ 3-GF - 0710031

Approvals

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

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

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

Base strip - DFK-MSTB 2,5/ 3-GF - 0710031

Accessories

Additional products

Printed-circuit board connector - FKC 2,5/ 3-STF - 1910539

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin



Printed-circuit board connector - FKCT 2,5/ 3-STF - 1909414

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin



Printed-circuit board connector - FKCVW 2,5/ 3-STF - 1910212

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin



Printed-circuit board connector - MSTB 2,5/ 3-STF - 1786844

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin



Printed-circuit board connector - MVSTBW 2,5/ 3-STF - 1835290

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin



Base strip - DFK-MSTB 2,5/ 3-GF - 0710031

Accessories

Printed-circuit board connector - MVSTBR 2,5/ 3-STF - 1835481



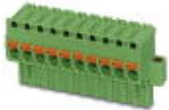
Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - FRONT-MSTB 2,5/ 3-STF - 1779657



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, connection method: Front screw connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/ 3-STF - 1909896



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin
