

Base strip - DFK-MSTB 2,5/ 4-GF-5,08 - 0710196

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: 4, pitch: 5.08 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 005221
GTIN	4017918005221
Weight per Piece (excluding packing)	5.650 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length [l]	17.5 mm
Width [w]	40.64 mm
Height [h]	29.5 mm
Pitch	5.08 mm
Dimension a	15.24 mm

Base strip - DFK-MSTB 2,5/ 4-GF-5,08 - 0710196

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	4
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

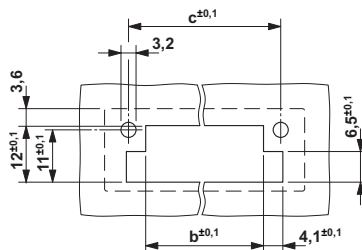
Environmental Product Compliance

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

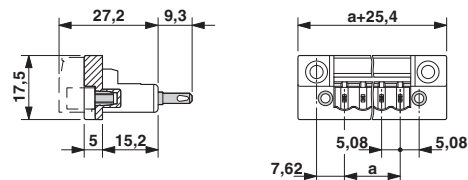
Drawings

Base strip - DFK-MSTB 2,5/ 4-GF-5,08 - 0710196

Drilling diagram



Dimensional drawing



Dimension b: 3.02 mm + (no. of pos. x 5.08 mm)

Dimension c: Dim. b + 7.14 mm

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

Approvals

Approvals

Base strip - DFK-MSTB 2,5/ 4-GF-5,08 - 0710196

Approvals

Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IECEE CB 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		

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	

Base strip - DFK-MSTB 2,5/ 4-GF-5,08 - 0710196

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

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

Base strip - DFK-MSTB 2,5/ 4-GF-5,08 - 0710196

Accessories

Printed-circuit board connector - QC 1/ 4-STF-5,08 - 1883378



Plug component, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 4, pitch: 5.08 mm, connection method: Displacement connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCT 2,5/ 4-STF-5,08 - 1902327



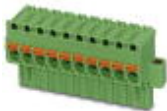
Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - MSTB 2,5/ 4-STF-5,08 - 1778001



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/ 4-STF-5,08 - 1874125



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKC 2,5/ 4-STF-5,08 - 1873223



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Base strip - DFK-MSTB 2,5/ 4-GF-5,08 - 0710196

Accessories

Printed-circuit board connector - FKCVW 2,5/ 4-STF-5,08 - 1873825



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FRONT-MSTB 2,5/ 4-STF-5,08 - 1777824



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5.08 mm, connection method: Front screw connection, Color: green, contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5/ 4-STF-5,08 - 1834929



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - TMSTBP 2,5/ 4-STF-5,08 - 1853120



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 4, 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 - MVSTBR 2,5/ 4-STF-5,08 - 1835119



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Base strip - DFK-MSTB 2,5/ 4-GF-5,08 - 0710196

Accessories

Printed-circuit board connector - MSTBC 2,5/ 4-STZF-5,08 - 1809750



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5.08 mm, connection method: Crimp connection, Color: green, 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 - MSTBT 2,5/ 4-STF-5,08 - 1805327



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin