



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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

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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, Assembly: Direct mounting

The figure shows a 10-position version of the product

Why buy this product

- Can be fixed in housing panels up to 6 mm thick using two M3 x 10 screws
- Outside: plug-in connection for corresponding MSTB 2,5 or FKC 2,5 plugs
- Inside: solder or 2.8 mm slip-on plug-in connection that can be combined
- Headers for assembly in a device/housing panel



Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 325 (CC-2011)
GTIN	 4 017918 005061
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

Dimensions / positions

Pitch	5 mm
Dimension a	10 mm
Number of positions	3

Technical data

Range of articles	DFK-MSTB 2,5/..-GF
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/2)	320 V

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

Technical data

Technical data

Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	12 A
Nominal voltage U _N	320 V
Nominal cross section	2.5 mm ²
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V2
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	15 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	15 A

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

Classifications

eClass

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

etim

ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283

unspsc

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

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Approvals

Approvals


Approvals


CSA / UL Recognized / VDE report with production monitoring / cUL Recognized / IECCE CB Scheme / GOST / cULus Recognized


Ex Approvals


Approvals submitted

Approval details

CSA 		
	B	D
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

UL Recognized 		
	B	D
Nominal current IN	15 A	15 A
Nominal voltage UN	300 V	150 V

VDE report with production monitoring 	
Nominal current IN	12 A
Nominal voltage UN	250 V

cUL Recognized 		
	B	D
Nominal current IN	15 A	15 A
Nominal voltage UN	300 V	150 V

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

Approvals

IECEE CB Scheme	
Nominal current I _N	12 A
Nominal voltage U _N	250 V



Accessories

Accessories

Assembly

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

Accessories - MSTB-BL - 1755477



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

Plug/Adapter

Keying star - CR-MSTB - 1734401



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

Additional products

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

Accessories

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: Spring-cage conn., 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: Spring-cage conn., 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: Spring-cage conn., 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, 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, Color: green, Contact surface: Tin



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, Color: green, Contact surface: Tin



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

Accessories

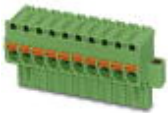
Printed-circuit board connector - FRONT-MSTB 2,5/ 3-STF - 1779657

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



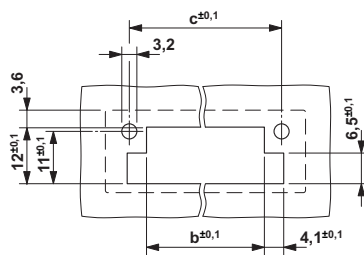
Printed-circuit board connector - FKCVR 2,5/ 3-STF - 1909896

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

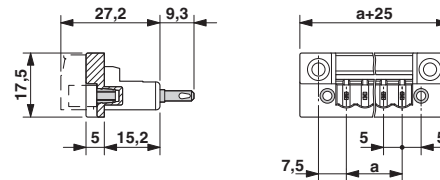


Drawings

Drilling diagram



Dimensioned drawing



Dimension b: 2.7 mm + (no. of pos. x 5.0 mm)
Dimension c: Dim. b + 7.3 mm