

Base strip - MSTB 2,5/16-GF - 1776838

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Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5 mm, Color: green, Contact surface: Tin, mounting: Wave soldering




The figure shows a 10-position version of the product

Why buy this product

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Easy PCB replacement thanks to plug-in modules
- ✓ Well-known mounting principle allows worldwide use
- ✓ Plug-in direction parallel to the PCB
- ✓ Screwable flange for superior mechanical stability



Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4017918039004
Weight per Piece (excluding packing)	8.390 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length	12 mm
Pitch	5 mm
Dimension a	75.00 mm
Width	90.00 mm

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Technical data

Dimensions

Constructional height	8.6 mm
Height	12.1 mm
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
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	16

Standards and Regulations

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

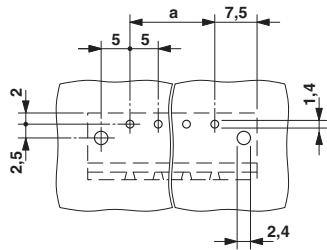
Environmental Product Compliance

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

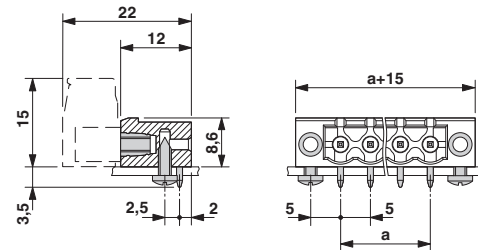
Drawings

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Drilling diagram



Dimensional drawing



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
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

Approvals

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CSA / VDE Gutachten mit Fertigungsüberwachung / RS / IECCEB Scheme / cULus Recognized / EAC / DNV GL


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Approvals


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		


RS		http://www.rs-head.spb.ru/en/index.php	10.04059.250
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IECEE CB Scheme		http://www.iecee.org/	DE1-58636-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	15 A	
Nominal voltage U _N	300 V	150 V	

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Approvals

EAC		B.01742
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DNV GL	http://exchange.dnv.com/tari/	TAE00001EY
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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

Labeled terminal marker

Marker card - SK 5/3,8:FORTL.ZAHLEN - 0804183



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5 mm, Lettering field: 5 x 3.8 mm

Additional products

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Accessories

Plug - QC 1,5/16-STF - 1718258



Plug component, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 16, pitch: 5 mm, connection method: Displacement connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCN 2,5/16-STF - 1733097



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FRONT-MSTB 2,5/16-STF - 1779783



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5 mm, connection method: Front screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/16-STF - 1786970



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5/16-STF - 1835423



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Accessories

Printed-circuit board connector - MVSTBR 2,5/16-STF - 1835614



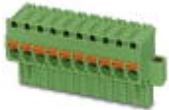
Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCT 2,5/16-STF - 1909540



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/16-STF - 1910021



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/16-STF - 1910348



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKC 2,5/16-STF - 1910665



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Accessories

Printed-circuit board connector - SMSTB 2,5/16-STF - 1971015



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCS 2,5/16-STF - 1975066



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 16, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin