

Base strip - MSTB 2,5/ 6-G THT - 1963913

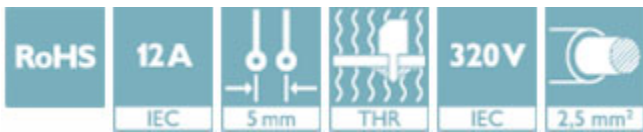
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Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, Color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

The figure shows a 8-position version with threaded flange

Why buy this product



Key Commercial Data

Packing unit	1
GTIN	
GTIN	4017918916527
Custom tariff number	85366930

Technical data

Dimensions

Length [l]	12 mm
Pitch	5 mm
Dimension a	25.00 mm
Width [w]	30.00 mm
Constructional height	8.6 mm
Height [h]	9 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

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Technical data

General

Range of articles	MSTB 2,5/...-G-THT
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
Flammability rating according to UL 94	V0
Color	black
Number of positions	6

Standards and Regulations

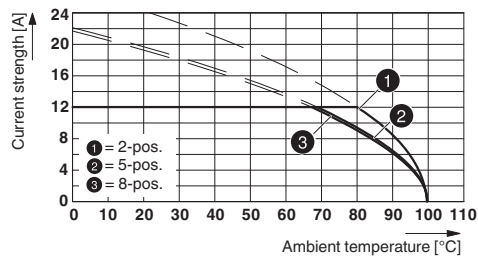
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Diagram



Type: FK 2,5/...-ST with MSTB 2,5/...-G THT

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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	EC002643
ETIM 5.0	EC002643
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 / IECEE CB Scheme / cULus Recognized / EAC


Ex Approvals


Approval details


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Approvals

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
	B	D	
Nominal current IN	10 A	10 A	
Nominal voltage UN	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 IN	12 A		
Nominal voltage UN	250 V		

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

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931011
	B	D	
Nominal current IN	15 A	15 A	
Nominal voltage UN	300 V	150 V	

EAC			B.01742
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Accessories

Accessories

Coding element

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Accessories

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

Flange

Accessories - MSTB-BF - 1759981



Mounting flange, for fixing both ends of the header onto the PCB, green insulating material, with M 2 x 14 screws and nuts.

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

Marker pen

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Accessories

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Terminal marking

Marker card - SK 5/3,8:UNBEDRUCKT - 0805409



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, Mounting type: adhesive, for terminal block width: 5 mm, Lettering field: 5 x 3.8 mm

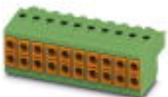
Additional products

Printed-circuit board connector - TVFKC 1,5/ 6-ST - 1713871



Plug component, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - TVFKCL 1,5/ 6-ST - 1715963



Plug component, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Plug - QC 1,5/ 6-ST - 1718009



Plug component, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 6, pitch: 5 mm, connection method: Displacement connection, Color: green, contact surface: Tin

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Accessories

Printed-circuit board connector - FKCN 2,5/ 6-ST - 1732784

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin



Printed-circuit board connector - MSTB 2,5/ 6-ST - 1754520

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin



Printed-circuit board connector - MSTBP 2,5/ 6-ST - 1765810

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin



Printed-circuit board connector - SMSTB 2,5/ 6-ST - 1768804

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin



Printed-circuit board connector - FRONT-MSTB 2,5/ 6-ST - 1779453

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Front screw connection, Color: green, contact surface: Tin



Base strip - MSTB 2,5/ 6-G THT - 1963913

Accessories

Printed-circuit board connector - MSTBT 2,5/ 6-ST - 1779877



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - MVSTBR 2,5/ 6-ST - 1792058



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5/ 6-ST - 1792566



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - FKCT 2,5/ 6-ST - 1909252



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/ 6-ST - 1909757



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Base strip - MSTB 2,5/ 6-G THT - 1963913

Accessories

Printed-circuit board connector - FKCVW 2,5/ 6-ST - 1910076



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKC 2,5/ 6-ST - 1910393



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - QC 1/ 6-ST-BUS - 1921719



Plug component, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 6, pitch: 5 mm, connection method: Displacement connection, Color: green, contact surface: Tin, The plug allows conductors to be looped through from module to module, without interruption

Printed-circuit board connector - FKCS 2,5/ 6-ST - 1974779



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin
