

Base strip - MSTBA 2,5/ 5-G - 1757501

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Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 5, 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
- ✓ Well-known mounting principle allows worldwide use
- ✓ Plug-in direction parallel to the PCB
- ✓ Closed contour for optimum stability of the plug-in connection



Key Commercial Data

Packing unit	250 STK
GTIN	 4 017918 030032
GTIN	4017918030032
Weight per Piece (excluding packing)	1.950 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	12 mm
Pitch	5 mm
Dimension a	20 mm
Width [w]	27 mm
Constructional height	8.6 mm
Height [h]	12.1 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 1 mm

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Technical data

Dimensions

Hole diameter	1.4 mm
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General

Range of articles	MSTBA 2,5/...-G
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)	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	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	5

Standards and Regulations

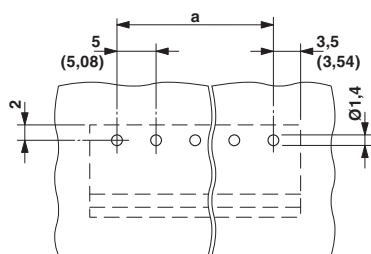
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

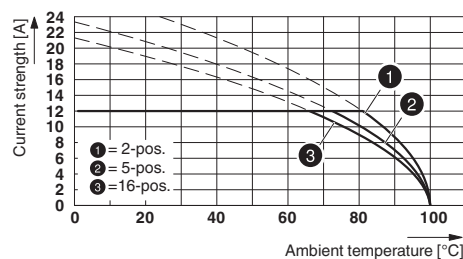
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



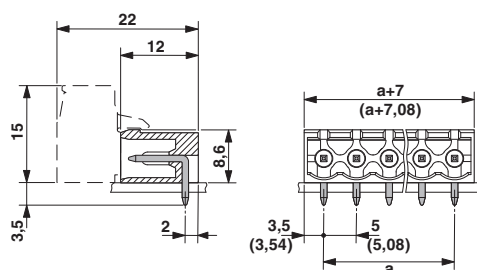
Diagram



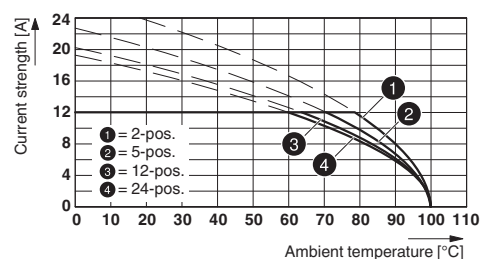
Type: FKCVR 2,5/...-ST with MSTBA 2,5/...-G

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Dimensional drawing



Diagram



Type: MSTBP 2,5/...-ST with MSTBA 2,5/...-G

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

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CSA / VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / cULus Recognized / EAC

Ex Approvals

Base strip - MSTBA 2,5/ 5-G - 1757501

Approvals

Approval details

CSA		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	

EAC		B.01742
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Accessories

Accessories

Coding element

Base strip - MSTBA 2,5/ 5-G - 1757501

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

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

Printed-circuit board connector - TVFKC 1,5/ 5-ST - 1713868



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

Printed-circuit board connector - TVFKCL 1,5/ 5-ST - 1715950



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

Base strip - MSTBA 2,5/ 5-G - 1757501

Accessories

Plug - QC 1,5/ 5-ST - 1717990



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

Printed-circuit board connector - FKCN 2,5/ 5-ST - 1732771



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

Printed-circuit board connector - MSTB 2,5/ 5-ST - 1754504



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

Printed-circuit board connector - MSTBP 2,5/ 5-ST - 1765807



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

Printed-circuit board connector - SMSTB 2,5/ 5-ST - 1768794



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

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Accessories

Printed-circuit board connector - FRONT-MSTB 2,5/ 5-ST - 1779440



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

Printed-circuit board connector - MSTBT 2,5/ 5-ST - 1779864



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

Printed-circuit board connector - MVSTBR 2,5/ 5-ST - 1792045



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

Printed-circuit board connector - MVSTBW 2,5/ 5-ST - 1792553



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

Printed-circuit board connector - FKCT 2,5/ 5-ST - 1909249



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

Base strip - MSTBA 2,5/ 5-G - 1757501

Accessories

Printed-circuit board connector - FKCVR 2,5/ 5-ST - 1909744



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

Printed-circuit board connector - FKCVW 2,5/ 5-ST - 1910063



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

Printed-circuit board connector - FKC 2,5/ 5-ST - 1910380



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

Printed-circuit board connector - QC 1/ 5-ST-BUS - 1921706



Plug component, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 5, 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/ 5-ST - 1974766



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