

Base strip - IC 2,5/ 9-G-5,08 - 1786475

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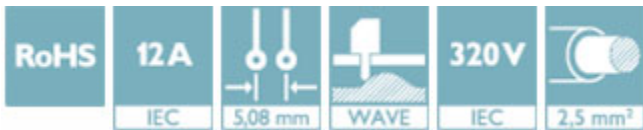
Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering




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
- ✓ Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 042622
GTIN	4017918042622
Weight per Piece (excluding packing)	9.040 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length	18.9 mm
Pitch	5.08 mm
Dimension a	40.64 mm
Width	47.72 mm
Constructional height	10.2 mm

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Technical data

Dimensions

Height	13.7 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,48 x 1,14
Pin spacing	5.04 mm
Hole diameter	1.4 mm

General

Range of articles	IC 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)	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
Maximum load current	12 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	9

Standards and Regulations

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

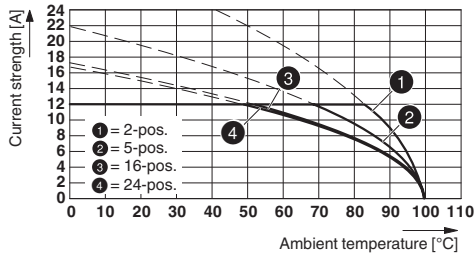
Environmental Product Compliance

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

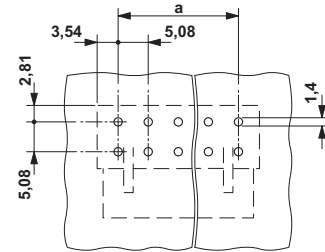
Drawings

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Diagram

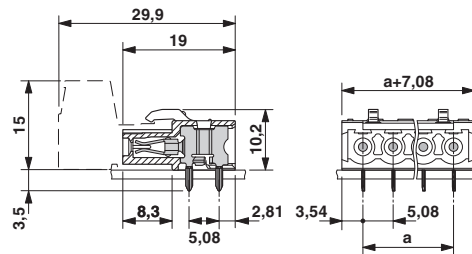


Drilling diagram



Type: IC 2,5/...-G-5,08 with MSTBA 2,5/...-G-5,08

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
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Classifications

UNSPSC

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

Approvals

Approvals


Approvals


CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / EAC / cULus Recognized

Ex Approvals

Approval details

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	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
Nominal current IN	12 A	10 A	
Nominal voltage UN	250 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		

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Approvals

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
Nominal current IN	12 A	10 A	
Nominal voltage UN	250 V	300 V	

IECEE CB Scheme		http://www.iecee.org/	DE1-58636-B1B2
Nominal current IN	12 A		
Nominal voltage UN	250 V		

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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Accessories

Accessories

Coding element

Coding profile - CP-MSTB - 1734634

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material



Test plug terminal block

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Accessories

Test plugs - MPS-MT - 0201744



Test plugs, with solder connection up to 1 mm² conductor cross section, color: silver

Reducing plug - RPS - 0201647



Reducing plug, color: gray

Additional products

Base strip - DFK-MSTBA 2,5/ 9-G-5,08 - 1898907



Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering

Feed-through header - DFK-MSTB 2,5/ 9-G-5,08 - 0707303



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, mounting: Direct mounting, accessory order no. 5030172 can only be used in conjunction with MSTB 2,5/...ST-5,08 and MSTBT 2,5/...ST-5,08.

Base strip - A-MSTBVA 2,5/ 9-G-5,08 - 1872538



Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: DIN rail

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Accessories

Printed-circuit board connector - IC 2,5/ 9-ST-5,08 - 1786242



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Base strip - MSTBW 2,5/ 9-G-5,08 - 1735811



Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering

Base strip - MSTBVA 2,5/ 9-G-5,08 - 1755804



Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering

Base strip - MSTBV 2,5/ 9-G-5,08 - 1758089



Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering

Base strip - MSTBV 2,5/ 9-GEH-5,08 - 1808531



Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering

Base strip - IC 2,5/ 9-G-5,08 - 1786475

Accessories

Base strip - MSTB 2,5/ 9-G-5,08 - 1759088



Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering

Base strip - DFK-MSTBVA 2,5/ 9-G-5,08 - 1899207



Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering

Base strip - MDSTBVA 2,5/ 9-G-5,08 - 1845400



Header, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Base strip - MDSTBA 2,5/ 9-G-5,08 - 1842131



Header, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Base strip - EMSTBA 2,5/ 9-G-5,08 - 1880371



Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Press-in technology

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Accessories

Base strip - EMSTBVA 2,5/ 9-G-5,08 - 1859580



Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Press-in technology

Printed-circuit board connector - FKIC 2,5/ 9-ST-5,08 - 1873427



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Base strip - MSTBA 2,5/ 9-G-5,08-LA - 1768011



Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering

Base strip - MSTBA 2,5/ 9-G-5,08 - 1757310



Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering

Base strip - MSTB 2,5/ 9-G-5,08-LA - 1770782



Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering

Base strip - IC 2,5/ 9-G-5,08 - 1786475

Accessories

Base strip - MDSTBV 2,5/ 9-G1-5,08 - 1762570



Header, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering, In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Base strip - MDSTB 2,5/ 9-G1-5,08 - 1762444



Header, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering, In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

Base strip - SMSTBA 2,5/ 9-G-5,08 - 1767449



Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering

Base strip - SMSTB 2,5/ 9-G-5,08 - 1769531



Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, Contact surface: Tin, mounting: Wave soldering

Printed-circuit board connector - ICC 2,5/ 9-STZ-5,08 - 1823914



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Crimp connection, Color: green, Corresponding male crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/ICC-MT 0,5-1,0 (3190577); 10A/ICC-MT 0,5-1,0 BA (3190603); 12A/ICC-MT 1,5-2,5 (3190580); 12A/ICC-MT 1,5-2,5 BA (3190593). BA = Bandkontakte

