

Base strip - IC 2,5/ 6-G-5,08 - 1786446

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering



The figure shows a 10-position version of the product

Why buy this product

- ☒ Combination with MSTB 2,5 headers for primary/secondary/PCB connection
- ☒ Pairs of guide rails can be used as a 90° board-to-board connection
- ☒ Use in shock-proof applications
- ☒ Clear separation of PCB inputs/outputs
- ☒



Key commercial data

Packing unit	50 pc
GTIN	 4 017918 042592
Weight per Piece (excluding packing)	4.18 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	19 mm
Pitch	5.08 mm
Dimension a	25.4 mm
Pin dimensions	1,2 x 0,5
Hole diameter	1.4 mm

General

Range of articles	IC 2,5/..-G
Insulating material group	I
Rated surge voltage (III/3)	4 kV

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Technical data

General

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
Inflammability class according to UL 94	V0
Color	green
Number of positions	6

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

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	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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Approvals

Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCEB Scheme / CCA / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA 		
	B	D
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

UL Recognized 		
	B	D
Nominal current I _N	12 A	10 A
Nominal voltage U _N	250 V	300 V

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current I _N	12 A
Nominal voltage U _N	250 V

cUL Recognized 		
	B	D
Nominal current I _N	12 A	10 A
Nominal voltage U _N	250 V	300 V

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Approvals

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

CCA	
Nominal current I _N	12 A
Nominal voltage U _N	250 V

EAC

cULus Recognized 
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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

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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Accessories

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

Additional products

Base strip - DFK-MSTBA 2,5/ 6-G-5,08 - 1898871



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - DFK-MSTB 2,5/ 6-G-5,08 - 0707280



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, 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 - MSTBO 2,5/ 6-GL-5,08 - 1850479



Header, Nominal current: 8 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - MSTBO 2,5/ 6-GR-5,08 - 1847149



Header, Nominal current: 8 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - IC 2,5/ 6-G-5,08 - 1786446

Accessories

Base strip - A-MSTBVA 2,5/ 6-G-5,08 - 1872509



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: DIN rail

Printed-circuit board connector - IC 2,5/ 6-ST-5,08 - 1786213



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Base strip - MSTBW 2,5/ 6-G-5,08 - 1735840



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - MSTBVA 2,5/ 6-G-5,08 - 1755778



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - MSTBV 2,5/ 6-G-5,08 - 1758050



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - IC 2,5/ 6-G-5,08 - 1786446

Accessories

Base strip - MSTB 2,5/ 6-G-5,08 - 1759059



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Printed-circuit board connector - MSTBA 2,5/ 6-G-5,08 THT - 1902783



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: black, Contact surface: Tin, Mounting: SMD/THT/THR, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Base strip - MSTBVA 2,5/ 6-G-5,08 THT - 1902851



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: black, Contact surface: Tin, Mounting: SMD/THT/THR, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Base strip - DFK-MSTBVA 2,5/ 6-G-5,08 - 1899171



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - MDSTBVA 2,5/ 6-G-5,08 - 1845374



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: 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!

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Accessories

Base strip - MDSTBA 2,5/ 6-G-5,08 - 1842102



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: 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/ 6-G-5,08 - 1880342



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Press-in

Base strip - EMSTBVA 2,5/ 6-G-5,08 - 1859551



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Press-in

Printed-circuit board connector - FKIC 2,5/ 6-ST-5,08 - 1873391



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Base strip - MSTBA 2,5/ 6-G-5,08-LA - 1770986



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - IC 2,5/ 6-G-5,08 - 1786446

Accessories

Base strip - MSTBA 2,5/ 6-G-5,08 - 1757284



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - MSTB 2,5/ 6-G-5,08-LA - 1770753



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering

Base strip - MDSTBV 2,5/ 6-G1-5,08 - 1762541



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: 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/ 6-G1-5,08 - 1762415



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: 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/ 6-G-5,08 - 1767410



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering

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Accessories

Base strip - SMSTB 2,5/ 6-G-5,08 - 1769502

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering



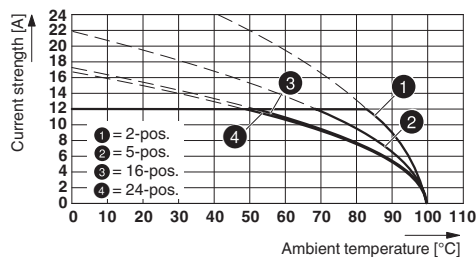
Printed-circuit board connector - ICC 2,5/ 6-STZ-5,08 - 1823888

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, 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

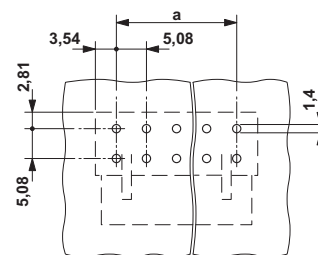


Drawings

Diagram



Drilling diagram



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

Dimensional drawing

