

Base strip - IC 2,5/10-G-5,08 - 1786488

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering




The figure shows a 10-position version of the product

Product Features

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



Key commercial data

Packing unit	1 PCE
Minimum order quantity	50 PCE
GTIN	 4 017918 042639
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

Dimensions / positions

Length	19 mm
Pitch	5.08 mm
Dimension a	45.72 mm
Number of positions	10
Pin dimensions	1,2 x 0,5
Hole diameter	1.4 mm

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Technical data

Technical data

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/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal voltage U_N	320 V
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V0
Color	green
Nominal voltage, UL/CUL Use Group B	250 V
Nominal current, UL/CUL Use Group B	12 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

UNSPSC

UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409
UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701

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Classifications

eCl@ss

eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402

Approvals

Approvals


Approvals


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

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Approvals

Nominal voltage UN	250 V
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cUL Recognized

	B	D
Nominal current IN	12 A	10 A
Nominal voltage UN	250 V	300 V

GOST

IECEE CB Scheme

Nominal current IN	12 A
Nominal voltage UN	250 V

GOST

CCA

Nominal current IN	12 A
Nominal voltage UN	250 V

cULus Recognized

Accessories

Accessories
Plug/Adapter

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Accessories

Test plugs - MPS-MT - 0201744



Test plugs

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

Coding profile - CP-MSTB - 1734634



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

Additional products

Base strip - DFK-MSTBA 2,5/10-G-5,08 - 1898910



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - DFK-MSTB 2,5/10-G-5,08 - 0707316



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Assembly: 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.

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Accessories

Base strip - A-MSTBVA 2,5/10-G-5,08 - 1872541



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: DIN rail

Printed-circuit board connector - IC 2,5/10-ST-5,08 - 1786255



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Base strip - MSTBW 2,5/10-G-5,08 - 1735808



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MSTBVA 2,5/10-G-5,08 - 1755817



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MSTBV 2,5/10-G-5,08 - 1758092



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - IC 2,5/10-G-5,08 - 1786488

Accessories

Base strip - MSTB 2,5/10-G-5,08 - 1759091



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MSTBV 2,5/10-GEH-5,08 - 1808544



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - DFK-MSTBVA 2,5/10-G-5,08 - 1899210



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MDSTBVA 2,5/10-G-5,08 - 1845413



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: 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 2,5/10-G-5,08 - 1842144



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: 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 - EMSTBA 2,5/10-G-5,08 - 1880384

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Press-in



Base strip - EMSTBVA 2,5/10-G-5,08 - 1859593

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Press-in



Printed-circuit board connector - FKIC 2,5/10-ST-5,08 - 1873430

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin



Base strip - MSTBA 2,5/10-G-5,08-LA - 1768024

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering



Base strip - MSTBA 2,5/10-G-5,08 - 1757323

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering



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Accessories

Base strip - MSTB 2,5/10-G-5,08-LA - 1770795



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - MDSTBV 2,5/10-G1-5,08 - 1762583



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: 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 2,5/10-G1-5,08 - 1762457



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: 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 2,5/10-G-5,08 - 1767452



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - SMSTB 2,5/10-G-5,08 - 1769544



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Base strip - IC 2,5/10-G-5,08 - 1786488

Accessories

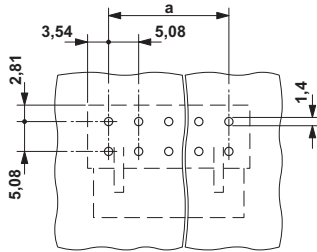
Printed-circuit board connector - ICC 2,5/10-STZ-5,08 - 1823927

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, 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

Drilling diagram



Dimensioned drawing

