

Base strip - IC 2,5/12-G-5,08 - 1786501

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: 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	1
Minimum order quantity	1
Catalog page	Page 304 (CC-2011)
GTIN	 4 017918 042653
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

Dimensions / positions

Length	19 mm
Pitch	5.08 mm
Dimension a	55.88 mm
Number of positions	12
Pin dimensions	1,2 x 0,5
Hole diameter	1.4 mm

Technical data

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

Base strip - IC 2,5/12-G-5,08 - 1786501

Technical data

Technical data

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

eclass

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

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

Base strip - IC 2,5/12-G-5,08 - 1786501

Approvals

Approvals

CSA / UL Recognized / VDE report with production monitoring / cUL Recognized / GOST / IECEE CB Scheme / GOST / 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 report with production monitoring 	
Nominal current I _N	12 A
Nominal voltage U _N	250 V

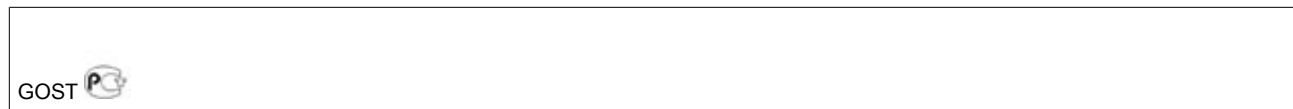
cUL Recognized 		
	B	D
Nominal current I _N	12 A	10 A
Nominal voltage U _N	250 V	300 V

GOST 	
--	--

Base strip - IC 2,5/12-G-5,08 - 1786501

Approvals

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



Accessories

Accessories

Plug/Adapter

Test plugs - MPS-MT - 0201744



Test plugs

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

Coding profile - CP-MSTB - 1734634



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

Additional products

Base strip - IC 2,5/12-G-5,08 - 1786501

Accessories

Base strip - DFK-MSTBA 2,5/12-G-5,08 - 1898936



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

Base strip - DFK-MSTB 2,5/12-G-5,08 - 0707332



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

Base strip - A-MSTBVA 2,5/12-G-5,08 - 1872567



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

Printed-circuit board connector - IC 2,5/12-ST-5,08 - 1786271



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

Base strip - MSTBW 2,5/12-G-5,08 - 1735785



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

Base strip - MSTBVA 2,5/12-G-5,08 - 1755833



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

Base strip - IC 2,5/12-G-5,08 - 1786501

Accessories

Base strip - MSTBV 2,5/12-G-5,08 - 1758115



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

Base strip - MSTB 2,5/12-G-5,08 - 1759114



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

Base strip - MSTBV 2,5/12-GEH-5,08 - 1808560



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

Base strip - DFK-MSTBVA 2,5/12-G-5,08 - 1899236



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

Housing - MDSTBVA 2,5/12-G-5,08 - 1845439



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 12, 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 - IC 2,5/12-G-5,08 - 1786501

Accessories

Housing - MDSTBA 2,5/12-G-5,08 - 1842160



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 12, 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 - EMSTBA 2,5/12-G-5,08 - 1880407



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

Base strip - EMSTBVA 2,5/12-G-5,08 - 1859616



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

Printed-circuit board connector - FKIC 2,5/12-ST-5,08 - 1873456



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

Base strip - MSTBA 2,5/12-G-5,08-LA - 1768040



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

Base strip - MSTBA 2,5/12-G-5,08 - 1757349



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

Base strip - IC 2,5/12-G-5,08 - 1786501

Accessories

Base strip - MSTB 2,5/12-G-5,08-LA - 1770818



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

Base strip - MDSTBV 2,5/12-G1-5,08 - 1762606



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

Housing - MDSTB 2,5/12-G1-5,08 - 1762703



Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 12, 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 2,5/12-G-5,08 - 1767478



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

Base strip - SMSTB 2,5/12-G-5,08 - 1769560



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

Base strip - IC 2,5/12-G-5,08 - 1786501

Accessories

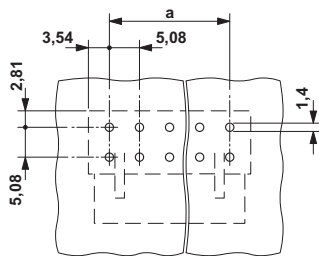
Printed-circuit board connector - ICC 2,5/12-STZ-5,08 - 1823943



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

