

Base strip - IC 2,5/21-G-5,08 - 1786598

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product



Key Commercial Data

Packing unit	1 pc
GTIN	
Weight per Piece (excluding packing)	17.15 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	19 mm
Pitch	5.08 mm
Dimension a	101.6 mm
Constructional height	11 mm
Length of the solder pin	3.5 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

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Technical data

General

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	21

Standards and Regulations

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

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

UNSPSC

UNSPSC 6.01	30211810
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Base strip - IC 2,5/21-G-5,08 - 1786598

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 / IECEx CB Scheme / EAC / 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

Base strip - IC 2,5/21-G-5,08 - 1786598

Approvals

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current IN	12 A
Nominal voltage UN	250 V

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

IECEE CB Scheme 	
Nominal current IN	12 A
Nominal voltage UN	250 V

EAC

EAC

cULus Recognized 
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Accessories

Accessories

Coding element

Base strip - IC 2,5/21-G-5,08 - 1786598

Accessories

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

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

Additional products

Printed-circuit board connector - IC 2,5/21-ST-5,08 - 1786365



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Base strip - MSTBW 2,5/21-G-5,08 - 1735691



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - IC 2,5/21-G-5,08 - 1786598

Accessories

Base strip - MSTBVA 2,5/21-G-5,08 - 1755927



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MSTBV 2,5/21-G-5,08 - 1758209



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - MSTB 2,5/21-G-5,08 - 1759208



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Base strip - EMSTBA 2,5/21-G-5,08 - 1880494



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology

Base strip - EMSTBVA 2,5/21-G-5,08 - 1915929



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology

Base strip - IC 2,5/21-G-5,08 - 1786598

Accessories

Base strip - MSTBA 2,5/21-G-5,08-LA - 1768134



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Wave soldering

Base strip - MSTBA 2,5/21-G-5,08 - 1757433



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Wave soldering

Base strip - MSTB 2,5/21-G-5,08-LA - 1770902



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Wave soldering

Base strip - SMSTBA 2,5/21-G-5,08 - 1767562



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Wave soldering

Base strip - SMSTB 2,5/21-G-5,08 - 1769654



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Color: green,
Contact surface: Tin, Mounting: Wave soldering

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Accessories

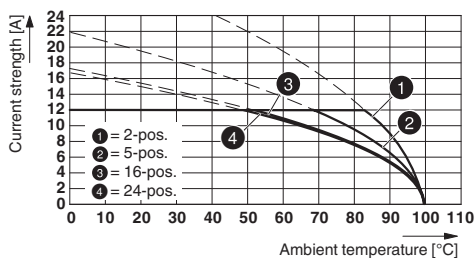
Printed-circuit board connector - ICC 2,5/21-STZ-5,08 - 1824036



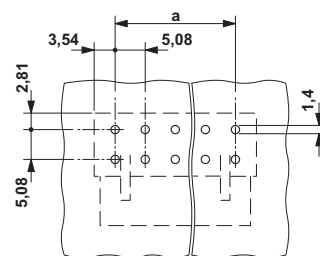
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 21, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding male crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/ICC-MT 0,5-1,0 (3190577); 10A/ICC-MT 0,5-1,0 BA (3190603); 12A/ICC-MT 1,5-2,5 (3190580); 12A/ICC-MT 1,5-2,5 BA (3190593). BA = Bandkontakte

Drawings

Diagram

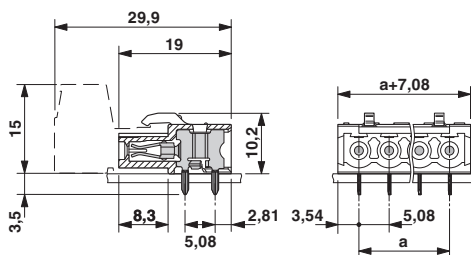


Drilling diagram



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

Dimensional drawing



Mouser Electronics

Authorized Distributor

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