

Base strip - IC 2,5/10-GF-5,08 - 1825200

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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, Mounting: Wave soldering



Product Features

- 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 pc
GTIN	 4 017918 049461
Weight per Piece (excluding packing)	10.85 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	19 mm
Pitch	5.08 mm
Dimension a	45.72 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

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Technical data

General

Range of articles	IC 2,5/...-GF
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	10

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

Base strip - IC 2,5/10-GF-5,08 - 1825200

Classifications

UNSPSC

UNSPSC 6.01	30211810
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 / 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 2,5/10-GF-5,08 - 1825200

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 2,5/10-GF-5,08 - 1825200

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 - ICC 2,5/10-STZF-5,08 - 1823464



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

Printed-circuit board connector - IC 2,5/10-STF-5,08 - 1825394



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

Base strip - IC 2,5/10-GF-5,08 - 1825200

Accessories

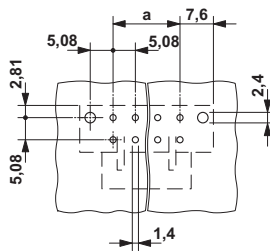
Printed-circuit board connector - FKIC 2,5/10-STF-5,08 - 1873582



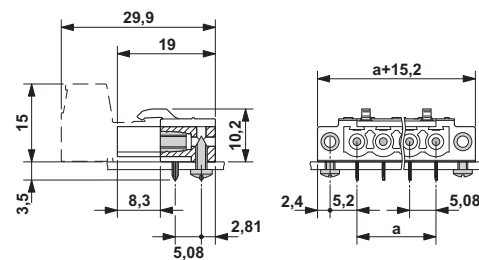
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Drawings

Drilling diagram



Dimensional drawing



Mouser Electronics

Authorized Distributor

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