

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

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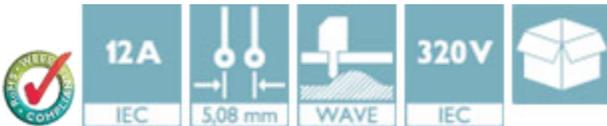
Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product

Product Features

- Plug-in direction 45° to the PCB
- Used where space is restricted overhead
- Versions without side panel



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 034825
Weight per Piece (excluding packing)	4.35 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	16.5 mm
Pitch	5.08 mm
Dimension a	25.4 mm
Width	30.48 mm
Constructional height	14.8 mm

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Technical data

Dimensions

Height	18.3 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

General

Range of articles	SMSTB 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/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	400 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	6

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

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Classifications

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

Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / EAC / cULus Recognized / EAC

Ex Approvals

Approvals submitted

Approval details

CSA 		
	B	D
Nominal current I _N	15 A	10 A
Nominal voltage U _N	300 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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IECEE CB Scheme	
Nominal current IN	12 A
Nominal voltage UN	250 V

EAC

cULus Recognized		
	B	D
Nominal current IN	15 A	10 A
Nominal voltage UN	300 V	300 V

EAC

Accessories

Accessories

Coding element

Coding star - CR-MSTB - 1734401



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

Filler plug

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

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Accessories

Labeled terminal marker

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

Additional products

Printed-circuit board connector - TVMSTB 2,5/ 6-ST-5,08 - 1719040



Plug component, Nominal current: 12 A, Rated voltage (III/2): 400 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCN 2,5/ 6-ST-5,08 - 1754607



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

Printed-circuit board connector - MSTB 2,5/ 6-ST-5,08 - 1757051



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

Printed-circuit board connector - MSTBP 2,5/ 6-ST-5,08 - 1769052



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

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Accessories

Printed-circuit board connector - MSTB 2,5/ 6-STZ-5,08 - 1776126



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

Printed-circuit board connector - FRONT-MSTB 2,5/ 6-ST-5,08 - 1777329



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

Printed-circuit board connector - MSTBT 2,5/ 6-ST-5,08 - 1781027



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

Printed-circuit board connector - MVSTBR 2,5/ 6-ST-5,08 - 1792281



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

Printed-circuit board connector - MVSTBW 2,5/ 6-ST-5,08 - 1792799



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

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Accessories

Printed-circuit board connector - MSTBC 2,5/ 6-ST-5,08 - 1808858



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 female crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

Printed-circuit board connector - MSTBC 2,5/ 6-STZ-5,08 - 1809543



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 female crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

Printed-circuit board connector - MSTBU 2,5/ 6-STD-5,08 - 1824162



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

Printed-circuit board connector - MSTBU 2,5/ 6-ST-5,08-FL - 1824395



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, Mounting: Direct mounting

Printed-circuit board connector - SMSTB 2,5/ 6-ST-5,08 - 1826322



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

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

Accessories

Printed-circuit board connector - MSTBVK 2,5/ 6-ST-5,08 - 1831359



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

Printed-circuit board connector - UMSTBVK 2,5/ 6-ST-5,08 - 1833852



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

Printed-circuit board connector - TMSTBP 2,5/ 6-ST-5,08 - 1853052



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, The plug allows conductors to be looped through from module to module.

Printed-circuit board connector - FKCVW 2,5/ 6-ST-5,08 - 1873090



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

Printed-circuit board connector - FKCVW 2,5/ 6-ST-5,08 - 1873692

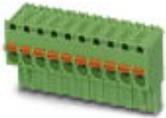


Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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

Accessories

Printed-circuit board connector - FKCVR 2,5/ 6-ST-5,08 - 1873993



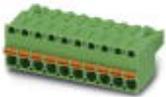
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - QC 1/ 6-ST-5,08 - 1883297



Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCT 2,5/ 6-ST-5,08 - 1902152



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

Printed-circuit board connector - TFKC 2,5/ 6-ST-5,08 - 1962642



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

Printed-circuit board connector - FKCS 2,5/ 6-ST-5,08 - 1975118

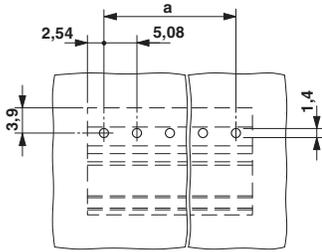


Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

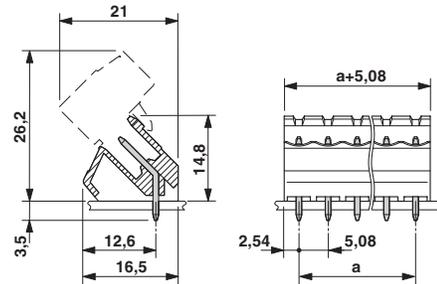
Drawings

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

Drilling diagram



Dimensional drawing



Mouser Electronics

Authorized Distributor

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