

Base strip - MSTB 2,5/ 3-GF-5,08 THT - 1927577

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Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, Color: black, Contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"


The illustration shows an 8-position version

Why buy this product

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Easy PCB replacement thanks to plug-in modules
- ✓ Well-known mounting principle allows worldwide use



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 017918 821548
GTIN	4017918821548
Weight per Piece (excluding packing)	4.540 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length	12 mm
Pitch	5.08 mm
Dimension a	10.16 mm
Constructional height	9 mm

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Technical data

Dimensions

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

General

Range of articles	MSTB 2,5/..-GF-THT
Insulating material group	IIIa
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	black
Number of positions	3

Standards and Regulations

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

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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

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Classifications

eCl@ss

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
ETIM 6.0	EC002637

UNSPSC

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

Approvals


Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme / cULus Recognized / EAC

Ex Approvals

Approval details

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40004701
Nominal current IN	12 A		
Nominal voltage UN	250 V		

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Approvals

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-58636-B1B2
Nominal current I _N		12 A	
Nominal voltage U _N		250 V	

cULus Recognized	cULus	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931011
	B	D	
Nominal current I _N	15 A	15 A	
Nominal voltage U _N	300 V	150 V	

EAC	EAC	B.01742	
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Accessories

Additional products

Printed-circuit board connector - TVMSTB 2,5/ 3-STF-5,08 - 1719105



Plug component, nominal current: 12 A, rated voltage (III/2): 400 V, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCN 2,5/ 3-STF-5,08 - 1754801



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Accessories

Printed-circuit board connector - FRONT-MSTB 2,5/ 3-STF-5,08 - 1777811

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Front screw connection, Color: green, Contact surface: Tin



Printed-circuit board connector - MSTB 2,5/ 3-STF-5,08 - 1777992

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Printed-circuit board connector - MSTBT 2,5/ 3-STF-5,08 - 1805314

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Printed-circuit board connector - MSTBC 2,5/ 3-STZF-5,08 - 1809747

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, 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 - MVSTBW 2,5/ 3-STF-5,08 - 1834916

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, 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 - MVSTBR 2,5/ 3-STF-5,08 - 1835106



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - TMSTBP 2,5/ 3-STF-5,08 - 1853117



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, 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 - FKC 2,5/ 3-STF-5,08 - 1873210



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/ 3-STF-5,08 - 1873812



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/ 3-STF-5,08 - 1874112



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Accessories

Printed-circuit board connector - QC 1/ 3-STF-5,08 - 1883365



Plug component, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 3, pitch: 5.08 mm, connection method: Displacement connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCT 2,5/ 3-STF-5,08 - 1902314



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - TFKC 2,5/ 3-STF-5,08 - 1962707



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - SMSTB 2,5/ 3-STF-5,08 - 1971073



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCS 2,5/ 3-STF-5,08 - 1975273



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

