

Printed-circuit board connector - MSTB 2,5/ 2-ST-5,08 BD:1- 2 - 1758364

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PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



The figure shows a 10-position version of the product

Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ Allows connection of two conductors



Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 017918 259464
GTIN	4017918259464
Weight per Piece (excluding packing)	3.420 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length [l]	18.3 mm
Width [w]	10.16 mm
Height [h]	15 mm
Pitch	5.08 mm
Dimension a	5.08 mm

General

Range of articles	MSTB 2,5/..-ST
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Technical data

General

Number of positions	2
Connection method	Screw connection with tension sleeve
Rated voltage (III/3)	250 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal cross section	2.5 mm ²

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Printed-circuit board connector - MSTB 2,5/ 2-ST-5,08 BD:1- 2 - 1758364

Diagram

Diagram

Type: MSTB 2,5/...-ST-5,08 with CC 2,5/...-G-5,08 P26THR

Type: MSTB 2,5/...-ST-5,08 with CCV 2,5/...-G-5,08 P26THR

Diagram

Diagram

Type: MSTB 2,5/...-ST-5,08 with CCVA 2,5/...-G-5,08 P26THR

Type: MSTB 2,5/...-ST-5,08 with MDSTB 2,5/...-G-5,08

Diagram

Diagram

Type: MSTB 2,5/...-ST-5,08 with MDSTBA 2,5/...-G-5,08

Type: MSTB 2,5/...-ST-5,08 with MDSTBW 2,5/...-G-5,08

Diagram

Diagram

Type: MSTB 2,5/...-ST-5,08 with MDSTBV 2,5/...-G-5,08

Type: MSTB 2,5/...-ST-5,08 with MVSTBU 2,5/...-GB-5,08

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Diagram

Diagram

Type: MSTB 2,5/...-ST-5,08 with MSTB 2,5/...-G-5,08

Type: MSTBP 2,5/...-ST-5,08 with MDSTBVA 2,5/...-G-5,08

Diagram

Diagram

Type: MSTB 2,5/...-ST(-5,08) with EMSTBVA 2,5/...-G(-5,08)

Type: MSTB 2,5/...-ST-5,08 with MSTBW 2,5/...-G-5,08

Diagram

Diagram

Type: MSTB 2,5/...-ST-5,08 with MSTBVA 2,5/...-G-5,08

Type: MSTB 2,5/...-ST-5,08 with MSTBV 2,5/...-G-5,08

Diagram

Diagram

Type: MSTB 2,5/...-ST-5,08 with MDSTB 2,5/...-G1-5,08

Type: MSTB 2,5/...-ST-5,08 with MDSTBV 2,5/...-G1-5,08

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Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440309
eCl@ss 8.0	27440309
eCl@ss 9.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638
ETIM 6.0	EC002638
ETIM 7.0	EC002638

UNSPSC

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

Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	LR13631-2585950
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	15 A	

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Approvals

	D	B
mm²/AWG/kcmil	28-12	28-12

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-58978-B1B2
Nominal voltage UN	250 V		
Nominal current IN	12 A		
mm²/AWG/kcmil	0.2-2.5		

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40004701
Nominal voltage UN	250 V		
Nominal current IN	12 A		
mm²/AWG/kcmil	0.2-2.5		

EAC	EAC	B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931011
	D	B	
Nominal voltage UN	150 V	300 V	
Nominal current IN	15 A	15 A	
mm²/AWG/kcmil	30-12	30-12	