

Printed-circuit board connector - MSTBC 2,5/ 4-ST-5,08 BS:4-1SO - 1999712

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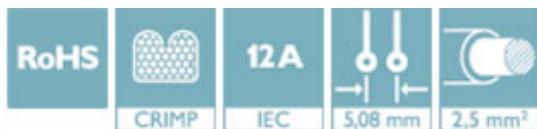
PCB connector, nominal current: 12 A, number of positions: 4, pitch: 5.08 mm, connection method: Crimp connection, color: green




The figure shows an 10-position version

Your advantages

- Inexpensive connection of large quantities of pre-assembled conductors



Key Commercial Data

Packing unit	50 pc
GTIN	 4 017918 978419
GTIN	4017918978419

Technical data

Item properties

Brief article description	Printed-circuit board connector
Plug-in system	CLASSIC COMBICON
Type of contact	Female connector
Range of articles	MSTBC 2,5/..-ST
Pitch	5.08 mm
Number of positions	4
Connection method	Crimp connection
Locking	without
Number of levels	1
Number of connections	4
Number of potentials	4

Electrical parameters

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Electrical parameters

Rated current	12 A
Rated voltage (III/2)	320 V
Rated surge voltage (III/2)	4 kV

Connection capacity

Conductor cross section flexible	0.5 mm ² ... 2.5 mm ²
Conductor cross section AWG / kcmil	20 ... 14

Material data - contact

Note	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/ JEDEC JESD 201
Contact material	Cu alloy
Metal surface terminal point (top layer)	Tin (Sn)
Metal surface contact area (top layer)	Tin (Sn)

Material data - housing

Insulating material	PA
Insulating material group	I
CTI according to IEC 60112	600
Flammability rating according to UL 94	V0
Glow wire flammability index GWFI according to EN 60695-2-12	850
Glow wire ignition temperature GWIT according to EN 60695-2-13	775
Temperature for the ball pressure test according to EN 60695-10-2	125 °C

Dimensions for the product

Length [l]	25 mm
Width [w]	20.28 mm
Height [h]	10 mm
Pitch	5.08 mm
Height (without solder pin)	10 mm
Dimension a	15.24 mm

Packaging information

Type of packaging	packed in cardboard
Pieces per package	50
Denomination packing units	Pcs.

Air clearances and creepage distances

Rated insulation voltage (III/3)	320 V
Rated insulation voltage (III/2)	320 V
Rated insulation voltage (II/2)	630 V
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV

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Air clearances and creepage distances

Rated surge voltage (II/2)	4 kV
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Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>