

Printed-circuit board connector - MSTBC 2,5/ 2-ST-5,08 GY - 1849341

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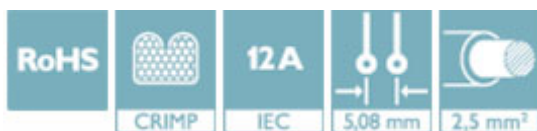
PCB connector, nominal current: 12 A, number of positions: 2, pitch: 5.08 mm, connection method: Crimp connection, color: gray




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
Minimum order quantity	50 pc
GTIN	 4 017918 215552
GTIN	4017918215552

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	2
Connection method	Crimp connection
Locking	without
Number of levels	1
Number of connections	2
Number of potentials	2

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]	10.12 mm
Height [h]	10 mm
Pitch	5.08 mm
Height (without solder pin)	10 mm
Dimension a	5.08 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
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

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / IECCE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
Nominal voltage UN		300 V	
Nominal current IN		10 A	
mm ² /AWG/kcmil		20-14	


UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
Nominal voltage UN	250 V	300 V	
Nominal current IN	10 A	10 A	
mm ² /AWG/kcmil	20-14	20-14	


cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
Nominal voltage UN	250 V	300 V	
Nominal current IN	10 A	10 A	


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Approvals

	B	D
mm ² /AWG/kcmil	20-14	20-14

IECEE CB Scheme		http://www.iecee.org/	DE1-60988-B1B2
Nominal voltage UN	250 V		
Nominal current IN	10 A		
mm ² /AWG/kcmil	0.5-1		

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	10 A		
mm ² /AWG/kcmil	0.5-1		

EAC		B.01742
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cULus Recognized	
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