

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Phoenix Contact](#)
[1786543](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



Extract from the online catalog

IC 2,5/16-G-5,08

Order No.: 1786543

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1786543>

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering

Commercial data	
GTIN (EAN)	 4 017918 042691
sales group	E130
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 264 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Dimensions / positions	
Length	19 mm
Pitch	5.08 mm
Dimension a	76.2 mm
Number of positions	16

IC 2,5/16-G-5,08 Order No.: 1786543

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1786543>

Pin dimensions	1,2 x 0,5
Hole diameter	1.4 mm

Technical data

Range of articles	IC 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/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	12 A
Nominal voltage U _N	320 V
Maximum load current	12 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Nominal voltage, UL/CUL Use Group B	250 V
Nominal current, UL/CUL Use Group B	12 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

Certificates / Approvals



Certification

CB, CSA, CUL, GOST, UL, VDE-PZI

Accessories

Item	Designation	Description
Plug/Adapter		
1734634	CP-MSTB	Keying profile, is inserted into the slot on the plug or inverted header, red insulating material
0201744	MPS-MT	Test plugs

IC 2,5/16-G-5,08 Order No.: 1786543

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1786543>

0201647	RPS	Reducing plug, Color: gray
---------	-----	----------------------------

Additional products

Item	Designation	Description
General		
0707374	DFK-MSTB 2,5/16-G-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Direct mounting, Accessory order no. 5030172 can only be used in conjunction with MSTB 2,5/...ST-5,08 and MSTBT 2,5/...ST-5,08.
1898978	DFK-MSTBA 2,5/16-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1899278	DFK-MSTBVA 2,5/16-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1880449	EMSTBA 2,5/16-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Press-in
1859658	EMSTBVA 2,5/16-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Press-in
1873498	FKIC 2,5/16-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1786310	IC 2,5/16-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 400 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1823985	ICC 2,5/16-STZ-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Corresponding male crimp contacts with current [A] and conductor cross section range [mm ²] data: 10A/ICC-MT 0,5-1,0 (3190577); 10A/ICC-MT 0,5-1,0 BA (3190603); 12A/ICC-MT 1,5-2,5 (3190580); 12A/ICC-MT 1,5-2,5 BA (3190593). BA = Bandkontakte
1762509	MDSTB 2,5/16-G1-5,08	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering, In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!
1762648	MDSTBV 2,5/16-G1-5,08	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering, In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

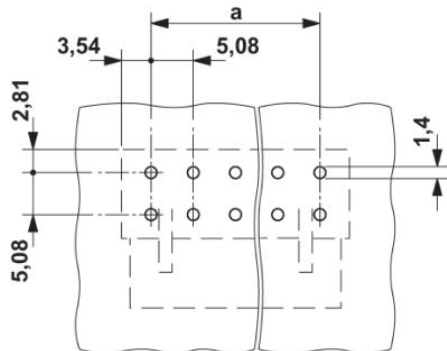
IC 2,5/16-G-5,08 Order No.: 1786543

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1786543>

1759156	MSTB 2,5/16-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1770850	MSTB 2,5/16-G-5,08-LA	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1757381	MSTBA 2,5/16-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1768082	MSTBA 2,5/16-G-5,08-LA	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1758157	MSTBV 2,5/16-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1808609	MSTBV 2,5/16-GEH-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1755875	MSTBVA 2,5/16-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1735743	MSTBW 2,5/16-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1769609	SMSTB 2,5/16-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1767517	SMSTBA 2,5/16-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering

Diagrams/Drawings

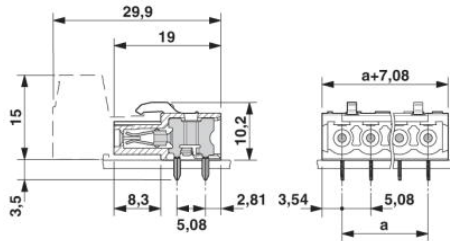
Drilling plan/solder pad geometry



IC 2,5/16-G-5,08 Order No.: 1786543

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1786543>

Dimensioned drawing



IC 2,5/16-G-5,08 Order No.: 1786543

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1786543>

Address

PHOENIX CONTACT Deutschland GmbH
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



© 2011 Phoenix Contact
Technical modifications reserved;