

Excellent Integrated System Limited

Stocking Distributor

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[Phoenix Contact](#)
[1897827](#)

For any questions, you can email us directly:

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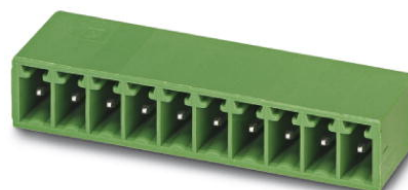


Extract from the online catalog

EMC 1,5/ 4-G-3,81


Order No.: 1897827

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1897827>

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Press-in

| Commercial data | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 166403 |
| Note | Made-to-order |
| sales group | E105 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 172 (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 | 10.7 mm |
| Pitch | 3.81 mm |
| Dimension a | 11.43 mm |
| Number of positions | 4 |

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| | |
|----------------|--------------|
| Pin dimensions | 0,8 x 0,8 mm |
| Hole diameter | 1.45 mm |

Technical data

| | |
|-------------------------------------|--------------|
| Range of articles | EMC 1,5/..-G |
| Insulating material group | IIIa |
| Rated surge voltage (III/3) | 2.5 kV |
| Rated surge voltage (III/2) | 2.5 kV |
| Rated surge voltage (II/2) | 2.5 kV |
| Rated voltage (III/2) | 160 V |
| Rated voltage (II/2) | 250 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 8 A |
| Nominal voltage U _N | 160 V |
| Maximum load current | 8 A |
| Insulating material | PBT |
| Inflammability class acc. to UL 94 | V0 |
| Nominal voltage, UL/CUL Use Group B | 300 V |
| Nominal current, UL/CUL Use Group B | 8 A |
| Nominal voltage, UL/CUL Use Group D | 300 V |
| Nominal current, UL/CUL Use Group D | 8 A |

Certificates / Approvals



Certification

CUL, GOST, UL

Accessories

| Item | Designation | Description |
|-----------------|-------------|---|
| Assembly | | |
| 1877258 | EMC 1,5-SH | Stamp holder, for upper and lower stamp |

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Marking

| | | |
|---------|--------------------------|--|
| 0804109 | SK 3,81/2,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 140 terminal blocks |
|---------|--------------------------|--|

Plug/Adapter

| | | |
|---------|---------|---|
| 1734634 | CP-MSTB | Keying profile, is inserted into the slot on the plug or inverted header, red insulating material |
|---------|---------|---|

Additional products

| Item | Designation | Description |
|----------------|-------------------------|--|
| General | | |
| 1851067 | FK-MCP 1,5/ 4-ST-3,81 | Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Color: green, Metal surface: Sn |
| 1850686 | FRONT-MC 1,5/ 4-ST-3,81 | Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Color: green, Metal surface: Sn |
| 1862593 | IMC 1,5/ 4-G-3,81 | Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering |
| 1875441 | IMCV 1,5/ 4-G-3,81 | Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Assembly: Soldering |
| 1803594 | MC 1,5/ 4-ST-3,81 | Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Color: green, Metal surface: Sn |
| 1852192 | MCC 1/ 4-STZ-3,81 | Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Color: green, Metal surface: Sn, Corresponding female crimp contacts with current [A] and conductor cross section range [mm ²] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991) |
| 1827143 | MCVR 1,5/ 4-ST-3,81 | Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Color: green, Metal surface: Sn |
| 1826995 | MCVW 1,5/ 4-ST-3,81 | Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.81 mm, Color: green, Metal surface: Sn |
| 1897416 | QC 0,5/ 4-ST-3,81 | Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 4, Pitch: 3.81 mm, Color: green, Metal surface: Sn |

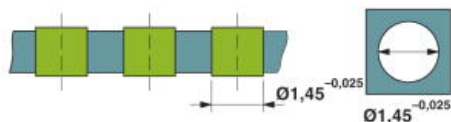
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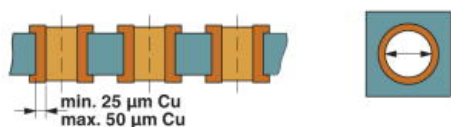
Diagrams/Drawings

Drilling plan/solder pad geometry

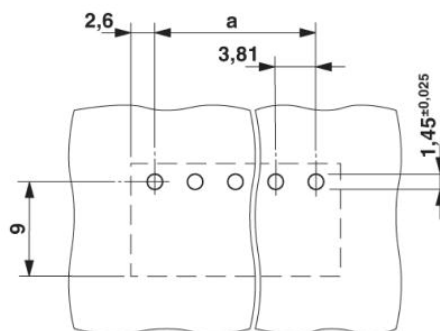
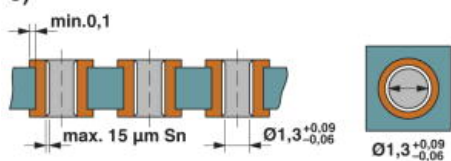
1)



2)

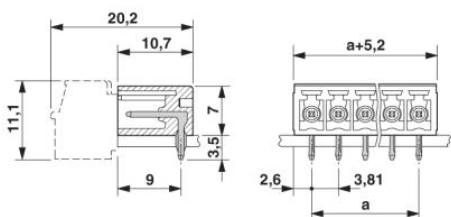


3)



Drill hole layout in FR4 or EP-GC basic material

Dimensioned drawing



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