DBP 105 Multipole Receptacles

Contact polarity A

Contact polarity Z

Optional ground pin
For PCB version only (-x30/-x40)

Pin layout / PCB hole pattern for polarity A - View from F (4)

Panel: Min. 2.5 Max. 12

Contact Configuration

<table>
<thead>
<tr>
<th>CONTACT CONFIGURATION</th>
<th>Contacts</th>
<th>Solder cup</th>
<th>C</th>
<th>PIN</th>
<th>Crimp cup</th>
</tr>
</thead>
<tbody>
<tr>
<td>105 A 051</td>
<td>2</td>
<td>2.03</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>105 A 087</td>
<td>2</td>
<td>2.93</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>105 A 052</td>
<td>3</td>
<td>2.03</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>105 A 053</td>
<td>4</td>
<td>2.03</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Panel cut-out

Flat

Optional ground pin

Keying codes (View from F)

All tolerances resulting from connector assembly are typically ± 0.3mm

If receptacle is screwed directly into threaded hole, oversize thread by +0.05mm

For optimum crimping refer to available crimping manual.

Recommended PCB hole dimensions may be adjusted to application

Information provided herein is believed to be accurate at time of publishing. Fischer Connectors reserves the right to make modifications on products for continuous improvement without prior notice.

All dimensions see note 1)

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Contact polarity A
Contact polarity Z

Panel:
Min. 2.5
Max. 12

Optional ground pin
For PCB version only (-x30/-x40)

Panel cut-out

6.0Nm

Crimp (-x50/-x60)

Solder (-x39/-x49)

PCB (-x30/-x40)

CONTACT CONFIGURATION
Contacts Solder cup Ø C PIN Crimp cup Ø
105 A 054 7 1.18/2.03 11 0.50/1.50 -
105 A 067 8 1.18 11 0.50 0.70 -
105 A 124 8 1.18/2.48 - - -
105 A 101 9 1.18/2.03 - - -

Pin layout / PCB hole pattern for polarity A - View from F

Polarity Z - View from F

Optional ground pin
For PCB version only (-x30/-x40)

Panel cut-out

All dimensions in mm

Notes:
1) All tolerances resulting from connector assembly are typically ± 0.3mm
2) If receptacle is screwed directly into threaded hole, oversize thread by +0.05mm
3) For optimum crimping refer to available crimping manual.
4) Recommended PCB hole dimensions may be adjusted to application
5) Please contact us.

Part number example: DBP 105 A102-130

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DBP 105 Multipole Receptacles

Contact polarity A
Contact polarity Z

Panel:
Min. 2.5
Max. 12

All dimensions in mm

Panel cut-out

Optional ground pin
For PCB version only
(-x30/-x40)

Keying codes (View from F)

Code 1 (-1xx)
Code 2 (-2xx)
Code 3 (-3xx)

Guide mark

6.0Nm

CONTACT CONFIGURATION | Contacts | solder cup | C | PIN | Crimp cup
---|---|---|---|---|---
105 A Z 062 | 10 | 1.18 | 10.5 | 0.50 | 1.18
105 A Z 069 | 12 | 1.18 | 10.5 | 0.50 | -
105 A Z 104 | 13 | 0.79/1.18 | 10.5 | 0.50 | -
105 A Z 110 | 16 | 0.79/1.86 | 10.5 | 0.50 | -

Pin layout / PCB hole pattern for polarity A - View from F (4)

Optional ground pin
For PCB version only
(-x30/-x40)

Polarity Z - View from F

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Contact polarity A
Contact polarity Z

Optional ground pin
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All dimensions see note 1)

CONTACT CONFIGURATION Contacts Solder cup C PIN Crimp cup
105 A Z 058 15 0.79 10 0.50 0.80
105 A Z 038 18 0.79 10 0.50 0.80
105 A Z 093 24 0.79 10.5 0.50 -
105 A Z 102 27 0.79 10.5 10 0.50 0.60

Pin layout / PCB hole pattern for polarity A - View from F (4)

Code 1 (-1xx)
Code 2 (-2xx)
Code 3 (-3xx)

Optional ground pin

Keying codes (View from F)

Polarity Z - View from F

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