



## Data sheet Product BL 9

PCB connectors>Female headers

for □ 0.635 mm and up to 0.85 mm Ø, with aligned Wire-Wrap contact pins; No capillary action when soldering due to protected contact insert.

Separable! Therefore any required number of contacts is available.

## Features

|  |  |
|--|--|
| grid:                                      | <b>2.54 mm</b>   |
| no. of contacts:                           | <b>1 - 36</b>  |
| contact material:                          | <b>CuZn-alloy</b>  |
| contact sleeve:                            | <b>tin-plated</b>  |
| surface contact /<br>contact sleeve:       | <b>Ni+4...6µm Sn</b>   |
| contact spring:                            | <b>gold-plated</b>   |
| inner contact spring<br>material:          | <b>CuBe-alloy</b>  |
| inner contact spring<br>surface:           | <b>Ni+0,75µm Au</b>  |
| type internal spring:                      | <b>6-fingers</b>   |
| plugability for circuit<br>points:         | <ul style="list-style-type: none"> <li>• □0,55...0,65mm</li> <li>• Ø0,65...0,85mm</li> </ul> |
| insert depth:                              | <b>2.5...6mm</b>   |
| insertion / drawing force:                 | <b>1.3N/0.3N</b>   |
| shock resistance:                          | <b>50 g</b>  |
| volume resistance:                         | <b>≤10 mΩ</b>  |
| vibration resistance max.:                 | <b>15 g</b>  |
| capacity between two<br>adjacent contacts: | <b>≤ 0,3 pF</b>  |
| nominal current:                           | <b>3 A</b>   |
| nominal voltage:                           | <b>150 V DC</b>  |
| test voltage:                              | <b>1500 V</b>  |
| insulating body material:                  | <b>PA 4.6. GF</b>  |
| temperature range:                         | <ul style="list-style-type: none"> <li>• -40°C... +163°C</li> <li>• (260°C/10 s)</li> </ul>  |
| class of inflammability:                   | <b>UL 94 V-0</b>   |
| version:                                   | <b>Wire wrap pin, □0.635mm</b>   |

specific insulation  
resistance:

$>10^7 \Omega \cdot m$

connection type:

**THT (soldering)**

reflow solderable:

**yes**

## Technical Drawing



**Fischer Elektronik GmbH & Co. KG**  
DEUTSCHLAND • GERMANY • ALLEMAGNE

Nottebohmstraße 28  
58511 Lüdenscheid

Telefon +49 2351 435-0  
Telefax +49 2351 45754

info@fischerelektronik.de  
www.fischerelektronik.de