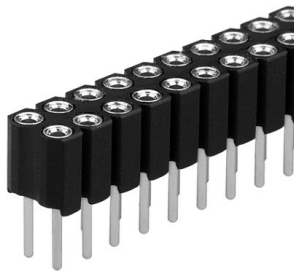


## Data sheet Product BLY 2 100



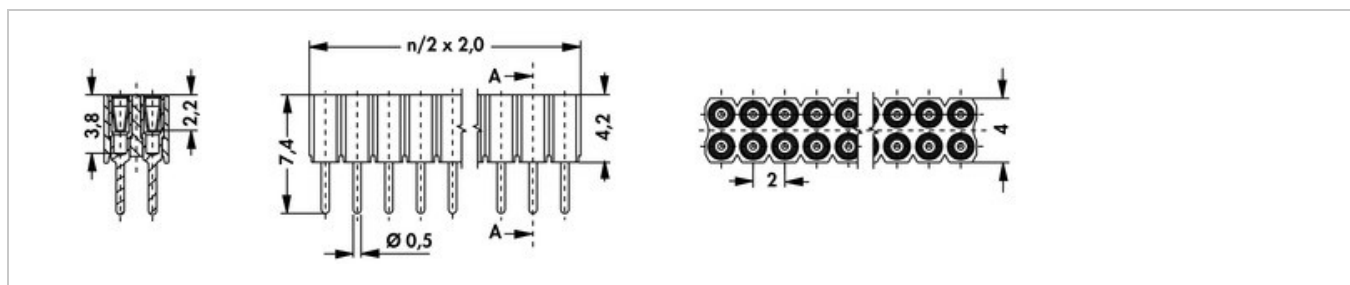
PCB connectors>Female headers  
for □ 0.5 mm and up to 0.56 mm Ø

## Features

grid:	<b>2 mm</b>
no. of contacts:	<b>100</b>
contact material:	<b>CuZn-alloy</b>
contact sleeve:	<b>tin-plated</b>
surface contact / contact sleeve:	<b>Ni+4...6µm Sn</b>
contact spring:	<b>gold-plated</b>
inner contact spring material:	<b>CuBe-alloy</b>
inner contact spring surface:	<b>Ni+0,25µm Au</b>
type internal spring:	<b>6-fingers</b>
plugability for circuit points:	<ul style="list-style-type: none"><li>• □0,45...0,5mm</li><li>• Ø0,4...0,56mm</li></ul>
insert depth:	<b>2.5...3.8mm</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 adjacent contacts:	<b>≤0,7 pF</b>
nominal current:	<b>2.5 A</b>
nominal voltage:	<b>100 V DC</b>
test voltage:	<b>500 V</b>
insulating body material:	<b>PA 4.6. GF</b>

temperature range:	<ul style="list-style-type: none"><li>• <b>-40°C... +163°C</b></li><li>• <b>(260°C/10 s)</b></li></ul>
class of inflammability:	<b>UL 94 V-0</b>
version:	<b>standard</b>
specific insulation resistance:	<b><math>&gt;10^7 \Omega \cdot m</math></b>
connection type:	<b>THT (soldering)</b>
reflow solderable:	<b>yes</b>

## 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](mailto:info@fischerelektronik.de)  
[www.fischerelektronik.de](http://www.fischerelektronik.de)