

## Data sheet Product MK 51 ...

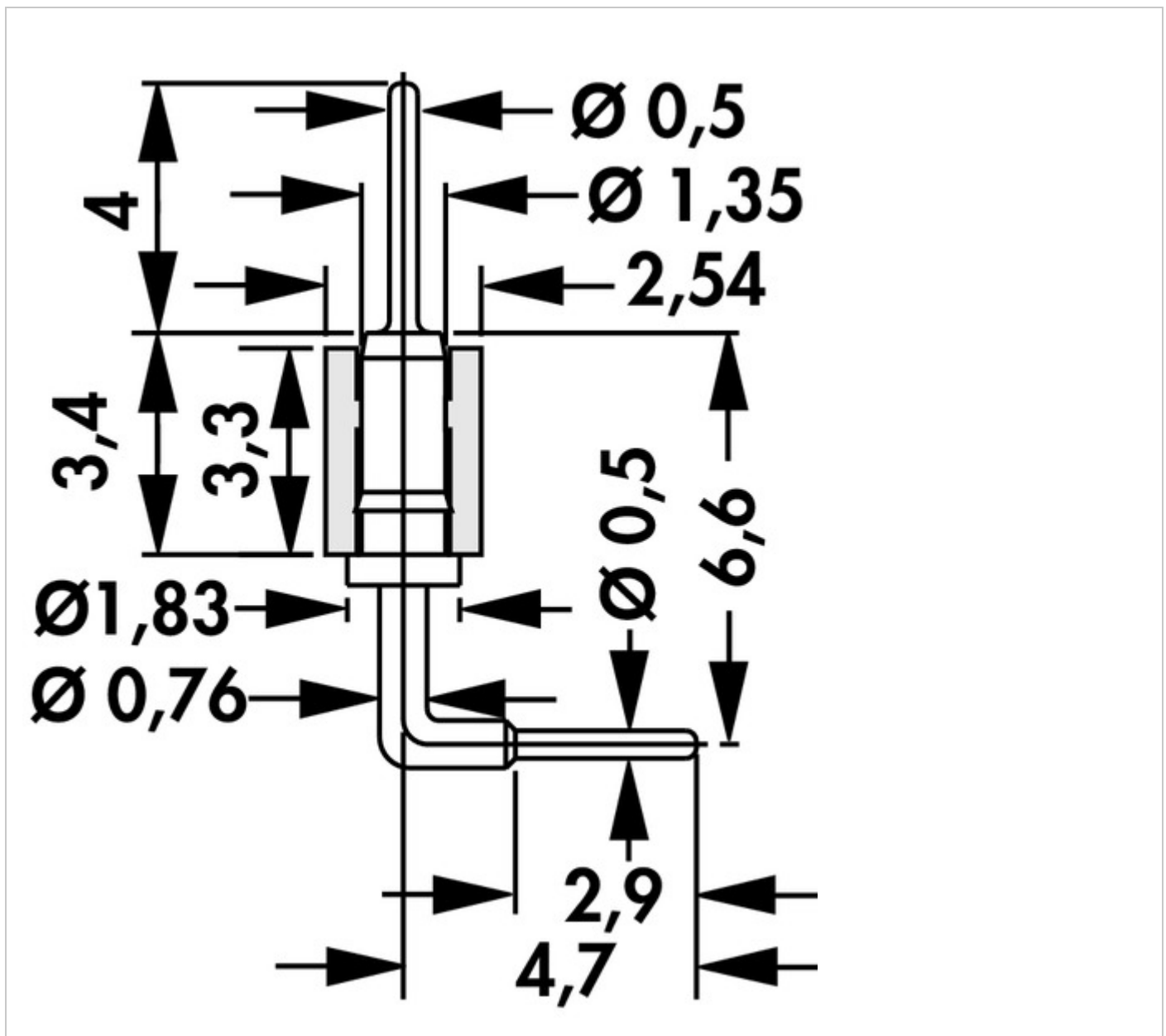


PCB connectors>Male headers  
Solder and plug pins, Ø 0.5 mm  
rectangular PCB connection

## Features

grid:	<b>2.54 mm</b>
no. of contacts:	<b>1 - 50</b>
contact material:	<b>CuZn-alloy</b>
surface of contact:	<ul style="list-style-type: none"><li>• <b>gold-plated</b></li><li>• <b>tin-plated</b></li></ul>
surface contact / contact sleeve:	<ul style="list-style-type: none"><li>• <b>Ni+≥0.2µm Au</b></li><li>• <b>Ni+4...6µm Sn</b></li></ul>
version:	<b>90° PCB connection</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>≤0,4 pF</b>
nominal current:	<b>1.5 A</b>
nominal voltage:	<b>60 V DC</b>
test voltage:	<b>1000 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>
specific insulation resistance:	<b>&gt;10<sup>7</sup> Ω·m</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  
www.fischerelektronik.de