

# Data sheet Product BL 17 SMD 18 SM

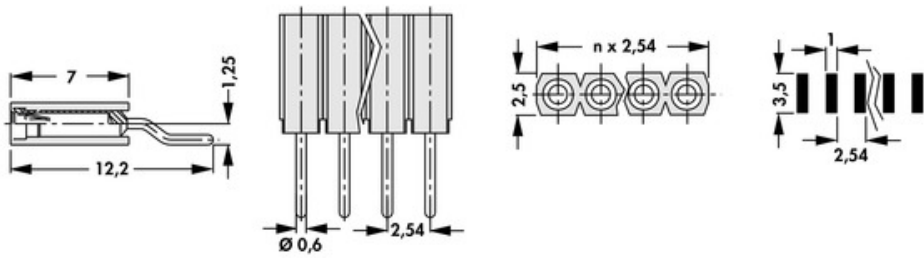


PCB connectors>Female headers  
for □ 0.635 mm and up to 0.85 mm Ø

## Features

pitch:	<b>2.54 mm</b>
no. of contacts:	<b>18</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+0,75µm Au</b>
type internal spring:	<b>6-fingers</b>
plugability for circuit 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 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>female header</b>
specific insulation resistance:	<b>&gt;10<sup>7</sup> Ω·m</b>
connection type:	<b>SMD</b>
reflow solderable:	<b>yes</b>
packing (optional):	<b>bar magazine</b>

# Technical Drawing



## Equipping

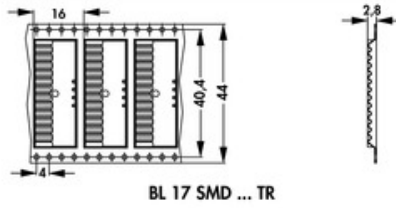
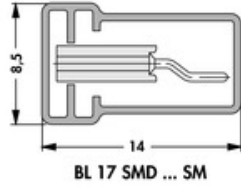
- reel diameter  $\varnothing 330$  mm



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