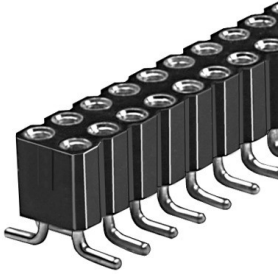


## Data sheet Product BLY 8 SMD 20 SM



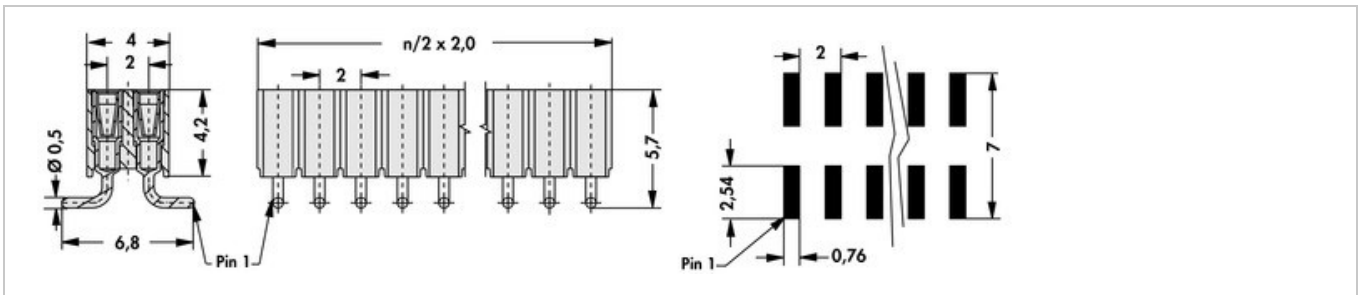
PCB connectors>Female headers  
for □ 0.5 mm and up to 0.56 mm Ø

## Features

grid:	<b>2 mm</b>
no. of contacts:	<b>20</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>

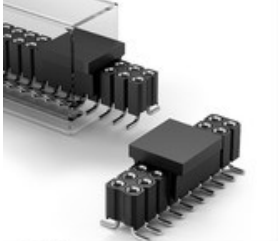
temperature range:	<ul style="list-style-type: none"> <li>• -40°C... +163°C</li> <li>• (260°C/10 s)</li> </ul>
class of inflammability:	UL 94 V-0
version:	female header
specific insulation resistance:	$>10^7 \Omega \cdot m$
connection type:	SMD
reflow solderable:	yes
packing:	bar magazine

## Technical Drawing

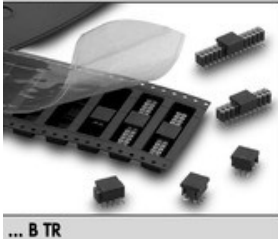


## Equipping

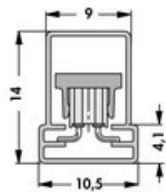
- reel diameter  $\varnothing$  330 mm



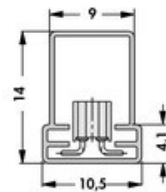
... B SM



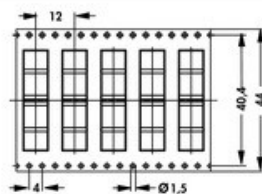
... B TR



BLY 8 SMD ... B SM



BLY 8 SMD ... SM



BLY 8 SMD ... B TR

