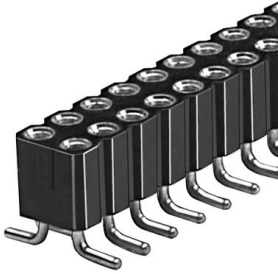


## Data sheet Product BLY 8 SMD 16 SM



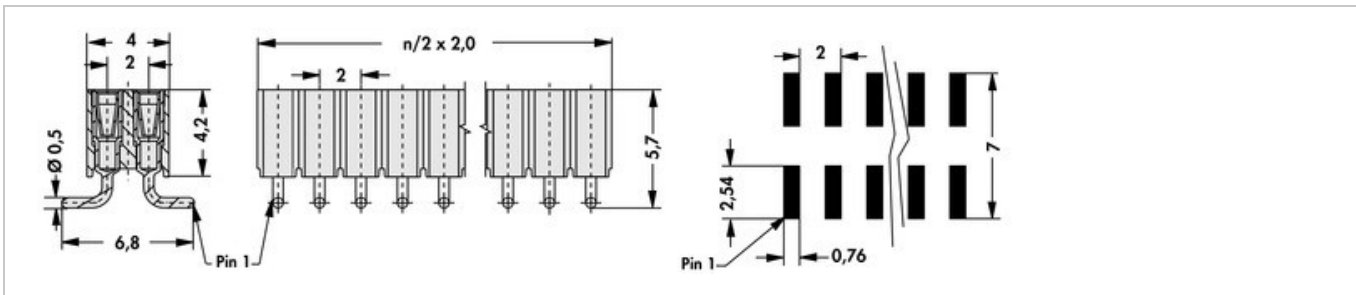
PCB connectors>Female headers  
for □ 0.5 mm and up to 0.56 mm Ø

## Features

|  |   |
|--|---|
| grid:                                      | <b>2 mm</b>   |
| no. of contacts:                           | <b>16</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+0,25µm Au</b>   |
| type internal spring:                      | <b>6-fingers</b>  |
| plugability for circuit<br>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<br>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

