

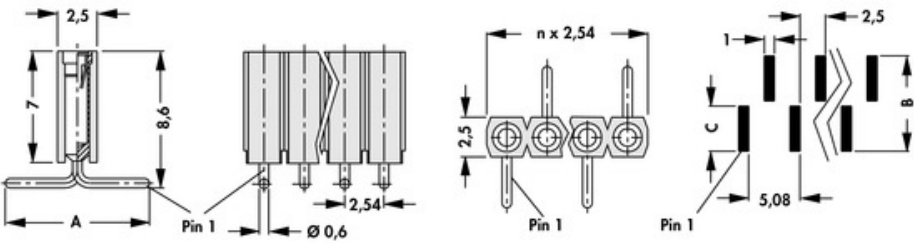
# Data sheet Product BL 15 SMD 089 10 B TR



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>10</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+0,75µm 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<br>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<br>resistance:         | <b>&gt;10<sup>7</sup> Ω·m</b>                                                         |
| connection type:                           | <b>SMD</b>                                                                            |
| reflow solderable:                         | <b>yes</b>                                                                            |
| packing (optional):                        | <b>pick and place pad and tape and reel (400pcs/reel)</b>                             |



|    |        |
|----|--------|
| A: | 8.9 mm |
| B: | 9.5 mm |
| C: | 4.8 mm |

Equipping

- reel diameter Ø 330 mm

