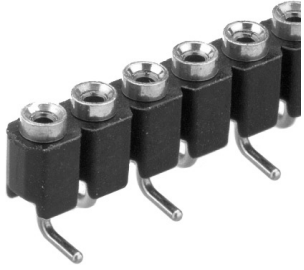


# Data sheet Product MK 23 SMD 18 B TR



PCB connectors>Female headers  
for Ø 0.5 mm

... **packing (option)** - additions:

**MK 22 SMD ... B TR: 4-20 contacts**

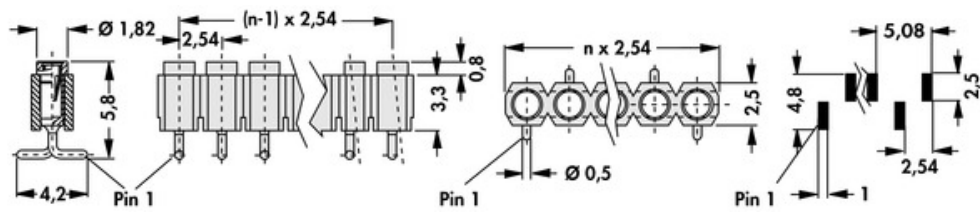
one row

- no capillary action when soldering due to protected inner contact
- **separable!** any requested number of contact can be delivered

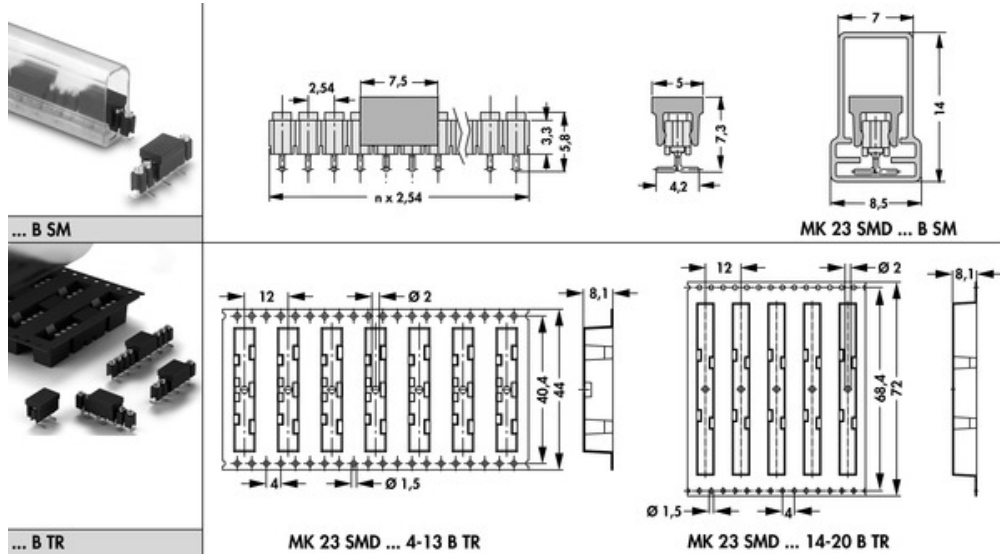
## Features

|                                            |                                                                                                   |
|--------------------------------------------|---------------------------------------------------------------------------------------------------|
| 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 /<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>4-fingers</b>                                                                                  |
| plugability for circuit points:            | <ul style="list-style-type: none"><li>□0,22x0,25mm... □0,4x0,55mm</li><li>Ø0,4...0,56mm</li></ul> |
| insert depth:                              | <b>2.5...3.6mm</b>                                                                                |
| insertion / drawing force:                 | <b>1.8 N/1.4 N</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>≤0,4 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>-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 (600pcs/reel)</b>                                         |

## Technical Drawing



## Equipping



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