

# Data sheet Product MK 01 30 G



PCB connectors>Female headers  
for Multi-Layer, contact spring: gold-plated, one row, for Ø 0.5 mm

## Features

|                                            |                                                                                                        |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------|
| pitch:                                     | 2.54 mm                                                                                                |
| no. of contacts:                           | 30                                                                                                     |
| contact material:                          | CuZn-alloy                                                                                             |
| surface contact /<br>contact sleeve:       | Ni+4...6µm Sn                                                                                          |
| surface of contact:                        | gold-plated                                                                                            |
| inner contact spring<br>material:          | CuBe-alloy                                                                                             |
| inner contact spring<br>surface:           | Ni+0,25µm Au                                                                                           |
| type internal spring:                      | 4-fingers                                                                                              |
| plugability for circuit<br>points:         | <ul style="list-style-type: none"> <li>□0,22x0,25mm... □0,4x0,55mm</li> <li>• Ø0,4...0,56mm</li> </ul> |
| insert depth:                              | 2.5...3.6mm                                                                                            |
| insertion / drawing<br>force:              | 1.8 N/1.4 N                                                                                            |
| shock resistance:                          | 50 g                                                                                                   |
| volume resistance:                         | ≤10 mΩ                                                                                                 |
| vibration resistance<br>max.:              | 15 g                                                                                                   |
| capacity between two<br>adjacent contacts: | ≤0,4 pF                                                                                                |
| nominal current:                           | 1.5 A                                                                                                  |
| nominal voltage:                           | 60 V DC                                                                                                |
| test voltage:                              | 1000 V                                                                                                 |

|                                 |                                                                                             |
|---------------------------------|---------------------------------------------------------------------------------------------|
| insulating body material:       | PA 4.6. GF                                                                                  |
| 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:                        | for multi-layer                                                                             |
| specific insulation resistance: | $>10^7 \Omega \cdot m$                                                                      |
| connection type:                | THT (soldering)                                                                             |
| reflow solderable:              | yes                                                                                         |

### Technical Drawing

