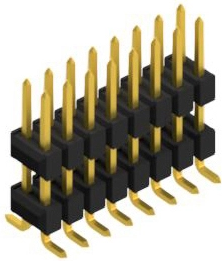


# Data sheet Product SL 16 SMD 107 22 G



## PCB connectors>Male headers

□ 0.635 mm – for interconnections of stacked PCBs  
within the total length the insulator can be changed according to customer's request

## Features

|        |                |
|--------|----------------|
| pitch: | 2.54 x 2.54 mm |
|--------|----------------|

|                  |    |
|------------------|----|
| no. of contacts: | 22 |
|------------------|----|

|                   |            |
|-------------------|------------|
| contact material: | CuSn-alloy |
|-------------------|------------|

|                     |             |
|---------------------|-------------|
| surface of contact: | gold-plated |
|---------------------|-------------|

|                                      |                                                                                           |
|--------------------------------------|-------------------------------------------------------------------------------------------|
| surface contact /<br>contact sleeve: | <ul style="list-style-type: none"> <li>• Ni+≥0.2µm Au</li> <li>• Ni+4...6µm Sn</li> </ul> |
|--------------------------------------|-------------------------------------------------------------------------------------------|

|          |             |
|----------|-------------|
| version: | male header |
|----------|-------------|

|                    |       |
|--------------------|-------|
| volume resistance: | ≤5 mΩ |
|--------------------|-------|

|                  |     |
|------------------|-----|
| nominal current: | 3 A |
|------------------|-----|

|                  |          |
|------------------|----------|
| nominal voltage: | 250 V AC |
|------------------|----------|

|               |        |
|---------------|--------|
| test voltage: | 2000 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 |
|--------------------------|-----------|

|                                    |                      |
|------------------------------------|----------------------|
| specific insulation<br>resistance: | >10 <sup>7</sup> Ω·m |
|------------------------------------|----------------------|

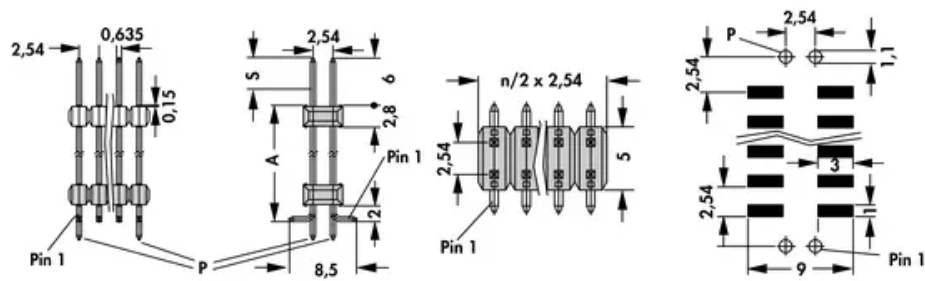
|                  |     |
|------------------|-----|
| connection type: | SMD |
|------------------|-----|

|                         |                                   |
|-------------------------|-----------------------------------|
| positioning (optional): | end pins straight for positioning |
|-------------------------|-----------------------------------|

reflow solderable:

yes

## Technical Drawing



A:

10.7 mm

S:

5.0 mm

**Fischer Elektronik GmbH & Co. KG**  
DEUTSCHLAND • GERMANY • ALLEMAGNE

Nottebohmstraße 28  
58511 Lüdenscheid

Telefon +49 2351 435-0  
Telefax +49 2351 45754

info@fischerelektronik.de  
www.fischerelektronik.de