

# Data sheet Product SL 18 082 12 Z



PCB connectors>Male headers

Insertion side dimension "C" changeable, □ 0.635 mm



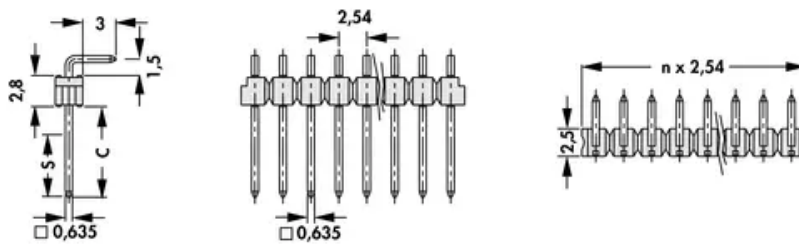
## Features

|                                      |                                                                                             |
|--------------------------------------|---------------------------------------------------------------------------------------------|
| pitch:                               | 2.54 mm                                                                                     |
| no. of contacts:                     | 12                                                                                          |
| contact material:                    | CuSn-alloy                                                                                  |
| surface of contact:                  | tin-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:                             | insertion side dimension "C", "S" selective gold-plated                                     |
| 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:                     | THT (Einlöt)                                                                                |

reflow solderable:

yes

## Technical Drawing



C:

8.2 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