

|                           |                                                 |
|---------------------------|-------------------------------------------------|
| 29132088                  | <b>DATA SHEET</b>                               |
| Valid from:<br>30.11.2018 | <b>POF CONNECTOR FSMA (HEX) CRIMP 6.0 /50PC</b> |

## Description

- POF optical fibre connector F-SMA
- Suitable for polymer optical fibres
- Easy manufacturing by crimping

## General characteristics

|                                                  |                                                      |
|--------------------------------------------------|------------------------------------------------------|
| Connector, type (acc. to IEC 61754-22)           | F-SMA                                                |
| Suitable optical fibres (acc. to IEC 60793-2-40) | A4a & A4d (Polymer fibre, Ø1 mm)                     |
| Suitable cable-Ø                                 | 6.0 mm                                               |
| Degree of protection                             | IP 20                                                |
| Temperature range                                | -40 to +85 °C (-40 to +185 °F) (operation + storage) |



## Variation

| Article  | Description                            | Nut-profile | Package size [pcs] |
|----------|----------------------------------------|-------------|--------------------|
| 29132088 | POF Connector FSMA Hex Crimp 6.0 /50PC | Hexagonal   | 50                 |
| 29132089 | POF Connector FSMA Hex Crimp 6.0 /4PC  | Hexagonal   | 4                  |
| 29137098 | POF Connector FSMA Crimp 6.0 /50PC     | Knurl       | 50                 |
| 29137099 | POF Connector FSMA Crimp 6.0 /4PC      | Knurl       | 4                  |

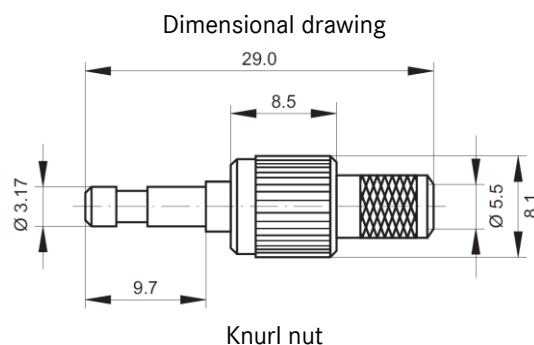
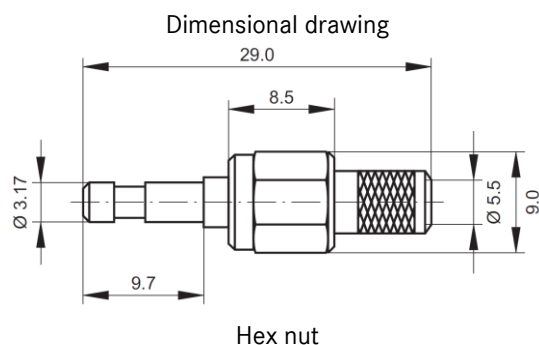
## Optical properties

|                             |                                               |
|-----------------------------|-----------------------------------------------|
| Typical insertion loss (IL) | ≤ 1.5 dB (depending on fibre end face finish) |
|-----------------------------|-----------------------------------------------|

## Mechanical properties

|                                                  |               |
|--------------------------------------------------|---------------|
| Ferrule, material                                | Nickel silver |
| Screw Nut, material                              | Nickel silver |
| Crimp sleeve, material                           | Brass         |
| Protecting against kinking, material             | TPE, black    |
| Dust protection, material                        | HD-PE         |
| Retention force of fibre- or cable sheath crimp  | 50 N          |
| Retention force of fibre- and cable sheath crimp | 80 N          |
| Tightening Torque                                | Hand tight    |

## Technical drawing



## Application range

Optical networks, industry electronics, power electronics, consumer electronics

## Note

Photographs are not true to scale and do not represent detailed images of the respective products.