

29150098	DATA SHEET
Valid from: 02.07.2018	POF Connector F05 Simplex /50PC

Description

- POF optical fiber connector F-05
- Suitable for polymer optical fibers
- Easy manufacturing by pressing



General characteristics

Connector, type	F-05
Suitable optical fibers (acc. IEC60793-2-40)	A4a & A4d (Polymer fiber, Ø1mm)
Suitable cable-Ø	2.2 mm
Degree of protection	IP 20
Temperature range	-40 to +80 °C (-40 to +176 °F) (operation + storage + transport)

Variation

Article	Description	Package size [pcs]
29150098	POF Connector F05 Simplex /50PC	50
29150099	POF Connector F05 Simplex /4PC	4

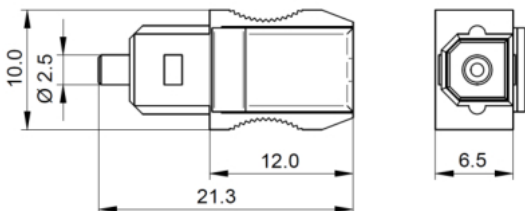
Optical properties

Typical insertion loss (IL)	0.6 dB (cable with PA-coating) 0.5 dB (cable with PE-coating) 0.7 dB (cable with PVC-coating)
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Mechanical properties

Housing, material	PPE / PS-I
Ferrule, material	PPE / PS-I
Insertion force in module (TOTX /-RX)	14 N
Withdrawing force in module (TOTX /-RX)	13 N
Tensile strength after assembly	110 N (cable with PA-coating) 60 N (cable with PE-coating) 35 N (cable with PVC-coating)
Pressing force for assembly	195 N (cable with PA-coating) 175 N (cable with PE-coating) 155 N (cable with PVC-coating)

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.

AbN
automation

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