

29140098	DATA SHEET
Valid from: 30.11.2018	POF CONNECTOR HFBR4501 (*C) SIMPLEX /50PC

Description

- POF optical fibre connector HFBR
- Suitable for polymer optical fibres
- Compatible with HFBR Versatile Link
- Easy manufacturing by crimping



General characteristics

Connector, type	HFBR
Suitable optical fibres (acc. IEC 60793-2-40)	A4a & A4d (Polymer fibre, Ø1 mm)
Suitable cable-Ø	2.2 mm
Degree of protection	IP 20
Temperature range	-40 to +85 °C (-40 to +185 °F) (operation + storage) 0 to +70 °C (+32 to +158 °F) (installation)

Variation

Article	Description	Colour (*C)	Package size [pcs]
29140098	POF Connector HFBR4501 GY Simplex /50PC	GY (grey)	50
29140099	POF Connector HFBR4501 GY Simplex /4PC	GY (grey)	4
29143098	POF Connector HFBR4511 BL Simplex /50PC	BL (blue)	50
29143099	POF Connector HFBR4511 BL Simplex /4PC	BL (blue)	4

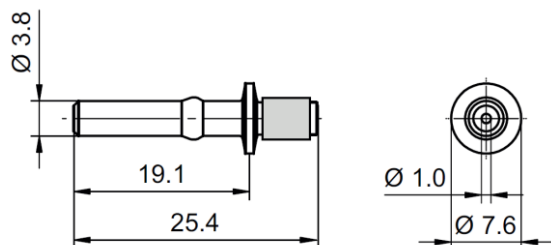
Optical properties

Insertion loss (IL) min./ max.	0.7 dB/ 2.8 dB (1 mm POF, polished end face, at +25 °C (+77 °F))
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Mechanical properties

Ferrule, material	Plastic
Crimping, material	Metal
Retention force of fibre optic cable min.	8.5 N
Insertion force in receptacle (TOTX /-RX module) max.	30 N
Withdrawing force from receptacle (TOTX /-RX module) min.	3 N

Technical drawing



Application range

Optical networks, industry electronics, power electronics

Note

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