

29125098	DATA SHEET
Valid from: 30.11.2018	POF Connector ST (BFOC) Crimp 2.2 /50PC

Description

- POF optical fibre connector ST (BFOC)
- Suitable for polymer optical fibres
- Easy manufacturing by crimping



General characteristics

Connector, type	ST (BFOC)
Suitable optical fibres (acc. IEC60793-2-40)	A4a & A4d (Polymer fibre, Ø1 mm)
Suitable cable-Ø	2.2 mm
Degree of protection	IP 20
Bend protection colour	Red (50%), black (50%)
Temperature range	-40 to +85 °C (-40 to +185 °F) (operation + storage)

Variation

Article	Description	Package size [pcs]
29125098	POF Connector ST (BFOC) Crimp 2.2 /50PC	50
29125099	POF Connector ST (BFOC) Crimp 2.2 /4PC	4

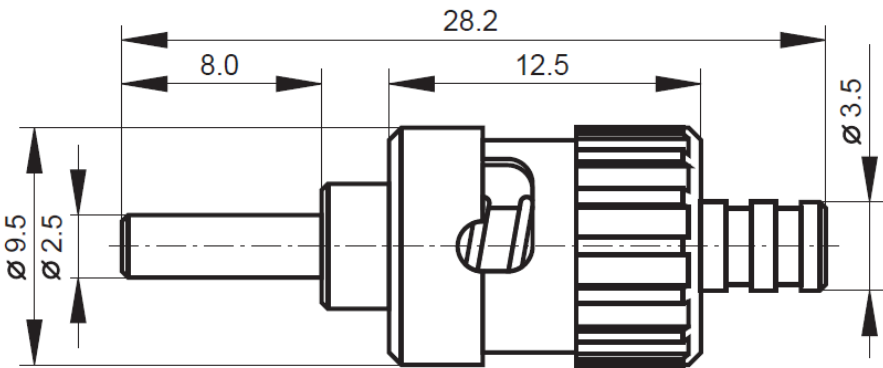
Optical properties

Insertion loss (IL)	≤ 2.0 dB
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Mechanical properties

Housing, material	Nickel silver
Ferrule, material	Nickel silver
Bend protection, material	TPE
Contact spring, material	Steel
Dust protection, material	HD-PE
Lock washer, material	Steel
Bayonet nut, material	PBT
Retention force of fibre (at room temperature)	40 N (fibre glued) 50 N (cable sheath crimped) 80 N (fibre glued and cable sheath crimped)

Technical drawing



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Standards / Approvals

Fibre optic connector interfaces – Type ST (BFOC)

IEC 61754-2

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.