

Product data sheet

Miniature connectors



Product description **Bayonet female angled connector, Contacts: 19, 4.0 - 6.0 mm, shielding is not possible, solder, IP40**

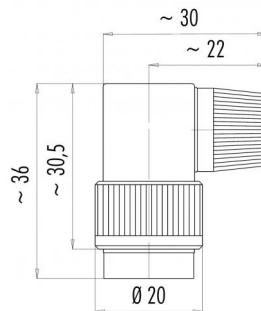
Area **Bayonet series 678**

Order number **99 0666 70 19**

Illustration



Scale drawing



Contact arrangement (Plug-in side)

	X	Y
A	2,50	-4,00
B	4,00	-2,25
C	4,25	0,00
D	4,00	2,40
E	2,30	4,00
F	0,00	4,25
G	-2,30	4,00
H	-4,00	2,40
I	-4,25	0,00
K	-4,00	-2,25
L	-2,50	-4,00
M	0,95	-2,40
N	2,40	-0,95
O	2,40	0,95
P	0,95	2,40
R	-0,95	2,40
S	-2,40	0,95
T	-2,40	-0,95
U	-0,95	-2,40

You can find the component part drawing on the next page.

Technical data

General values

Connector design female angled connector

Connector locking system Bayonet

Termination solder

Wire gauge (mm) max. 0.25 mm²

Wire gauge (AWG) max. 24

Cable outlet 4.0 - 6.0 mm

Upper limit temperature 85 °C

Customs tariff number 85369010

Packaging Unit 50

Electrical values

Rated current (40 °C) 3 A

Rated voltage 60 V

Rated impulse voltage 500 V

Pollution degree 1

Overvoltage category I

Insulating material group III

Insulation resistance $\geq 10^{10} \Omega$

EMC compliance shielding is not possible

Degree of protection IP40

Mechanical operation > 500 Mating cycles

Material

Contact material CuSn (bronze)

Contact plating Au (gold)

Contact body material PBT (UL94 V-0)

Housing material PA

REACH SVHC CAS 7439-92-1 (Lead)

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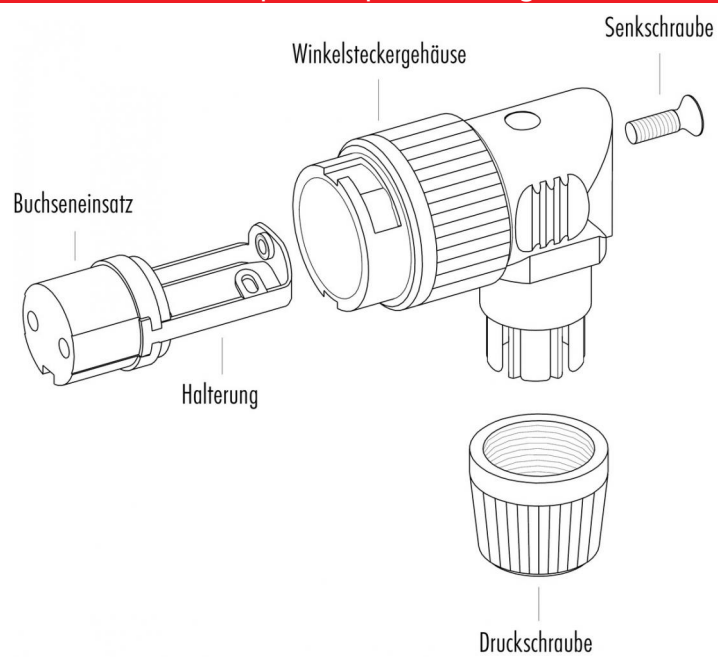
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Component part drawing



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Security notices

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.