

Product description **Bayonet female angled connector, Contacts: 7 DIN, 4.0 - 6.0 mm, shielding is not possible, solder, IP40**

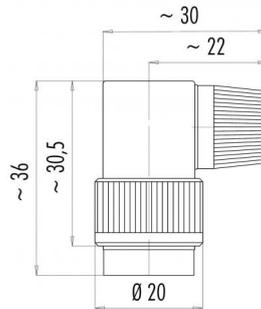
Area **Bayonet series 678**

Order number **99 0682 70 07**

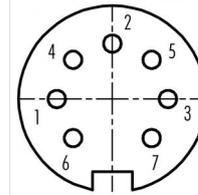
### Illustration



### Scale drawing



### Contact arrangement (Plug-in side)



	X	Y
1	-3,50	0,00
2	0,00	3,50
3	3,50	0,00
4	-2,47	2,47
5	2,47	2,47
6	-2,47	-2,47
7	2,47	-2,47

**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. 0.75 mm<sup>2</sup>  
 Wire gauge (AWG) max. 18  
 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) 5 A  
 Rated voltage 125 V  
 Rated impulse voltage 800 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

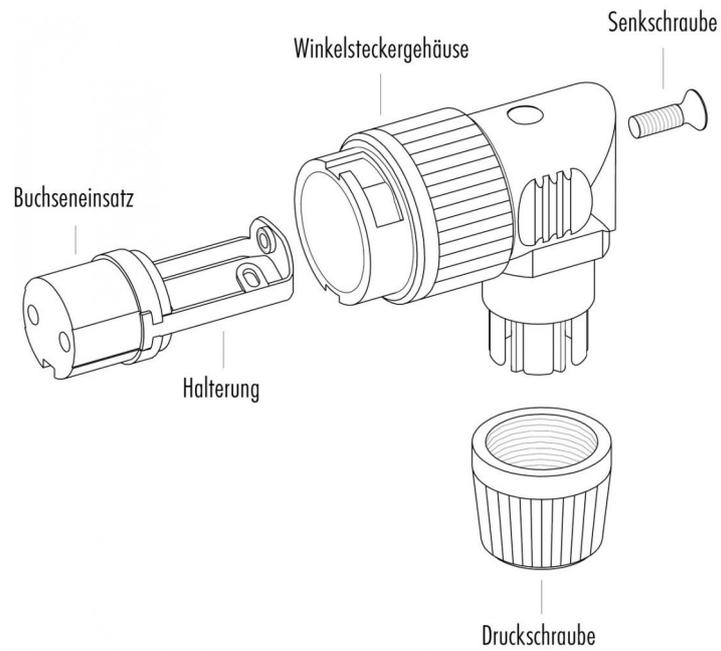
### Material

Contact material CuSn (bronze)  
 Contact plating Ag (silver)  
 Contact body material PBT (UL94 V-0)  
 Housing material PA  
 REACH SVHC CAS 7439-92-1 (Lead)

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Component part drawing



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## Security notices

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

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.

Connectors used in electrical circuits containing hazardous life parts must only be assembled and used by or under the supervision of persons with the requisite electrotechnical training, taking the applicable regulations and standards into account.