

Product data sheet

Miniature connectors

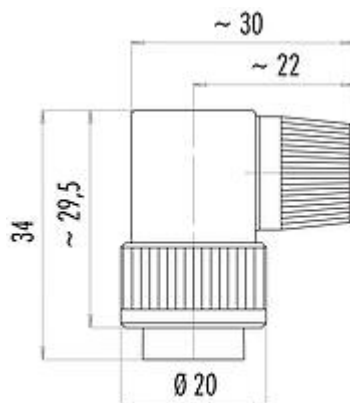


Product description	Bayonet Male angled connector, Contacts: 7, 4.0 - 6.0 mm, unshielded, solder, IP40
Area	Bayonet series 678
Part no.	99 0621 70 07

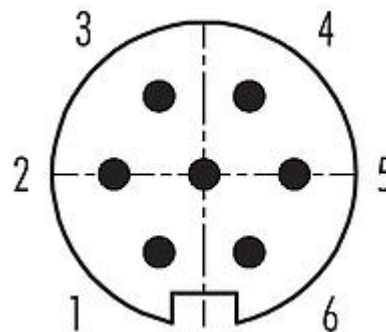
Illustration



Scale drawing



Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

Technical data

General features

Part no.	99 0621 70 07
Connector design	Male angled connector
Version	male angled
Connector locking system	Bayonet
Termination	solder
Degree of protection	IP40
Cross-sectional area	max. 0.75 mm ² / AWG 18
Cable outlet	4.0 - 6.0 mm
Twistability	not rotatable
Temperature range from/to	-40 °C / 85 °C
Tightening torque pressing screw	0.4-0.5 Nm
Mechanical operation	> 500 Mating cycles
Weight (g)	12.75
Customs tariff number	85369010

Electrical parameters

Rated voltage	125 V
Rated impulse voltage	800 V
Rated current (40 °C)	5,0 A
Insulation resistance	≥ 10 ¹⁰ Ω
Pollution degree	1
Overvoltage category	I

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Insulating material group	III
EMC compliance	unshielded

Material

Housing material	PA
Contact body material	PBT (UL94 V-0)
Contact material	CuZn (brass)
Contact plating	Ag (silver)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	SCIP-number not available

Classifications

eCl@ss 11.1	27-44-01-02
ETIM 7.0	EC002635

Declarations of conformity

Low Voltage Directive	2014/35/EU (EN 60204-1:2018;EN 60529:1991)
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Assembly instructions

1. Bead pressing screw and angled housing to cable.
2. Dismantle cable to 20 mm length.
3. Strip and solder single wires.
4. Male insert: snap insert into angled housing.
5. Female insert: snap insert into the holding device, slide into angled housing and screw in with countersunk screw.
6. Tighten pressing screw.

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Security notices

The connector must not be plugged or unplugged under load. Non-observance and improper use can result in personal injury.

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Connectors which are used in circuits with voltages dangerous to the touch may only be installed and used by, or under the supervision of, persons with electrical engineering training, taking into account the applicable regulations and standards.