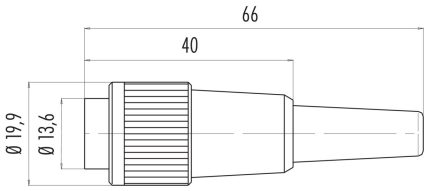
Product data sheet
Miniature connectors

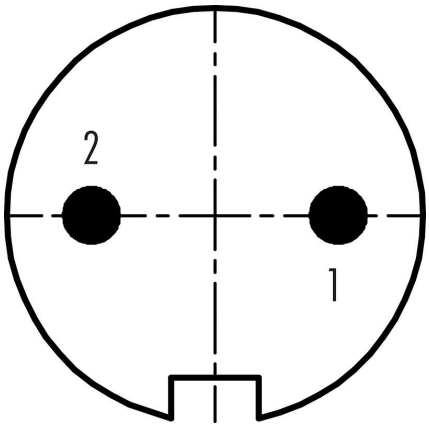
Product description	**Bayonet male cable connector, Contacts: 2, 3.0 - 6.0 mm, unshielded, solder, IP40**
Area	**Bayonet series 678**
Part no.	**99 0601 00 02**

Illustration

Scale drawing



Contact arrangement (Plug-in side)



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

Technical data

General features

Part no.	99 0601 00 02
Connector design	male cable connector
Version	connector male straight
Connector locking system	Bayonet
Termination	solder
Degree of protection	IP40
Cross-sectional area	max. 0.75 mm² / max. AWG 18
Cable outlet	3.0 - 6.0 mm
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 500 Mating cycles
Weight (g)	8.35
Customs tariff number	85369010

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	1500 V
Rated current (40 °C)	7,0 A
Insulation resistance	≥ 10^{10} Ω
Pollution degree	1
Overvoltage category	I
Insulating material group	III

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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

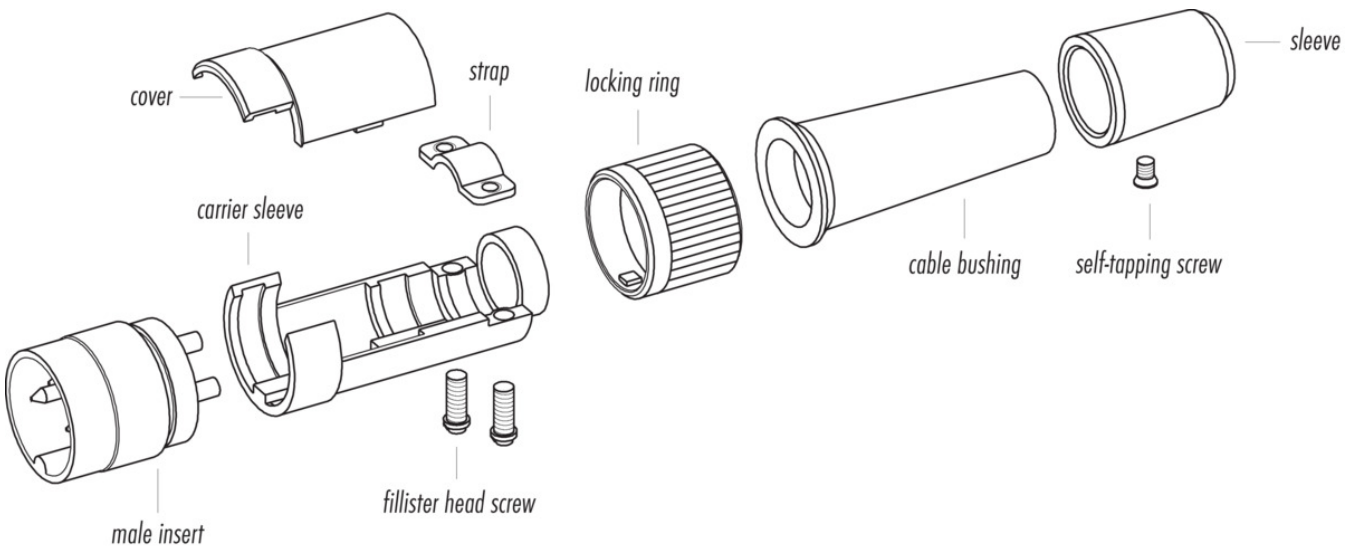
Classifications

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)

Component part drawing



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General Disclaim Notice

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.

The plug connector is not suitable for mains voltages Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".