

Product data sheet

Miniature connectors

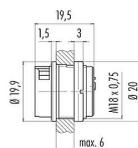


Product description	Bayonet Female panel mount connector, Contacts: 7, unshielded, solder, IP40, M18x0,75, Front mounting
Area	Bayonet
Series	678
Part no.	99 0624 00 07

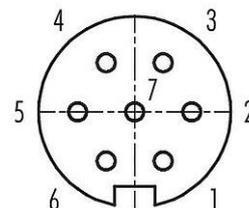
Illustration



Scale drawing



Contact arrangement (Plug-in side)



You can find the component part drawing and assembly instructions on the next page.

Technical data

General features

Part no.	99 0624 00 07
Connector design	Female panel mount connector
Version	Connector socket straight
Connector locking system	Bayonet
Termination	solder
Degree of protection	IP40
Connection cross-section	max. 0.75 mm ² / AWG 18
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 1000 Mating cycles
Weight (g)	6.61
Customs tariff number	85369010
Country of Origin	DE

Electrical parameters

Rated voltage	125 V
Rated impulse voltage	800 V
Rated current	5.0 A
Insulation resistance	≥ 10 ¹⁰ Ω
Pollution degree	1
Overvoltage category	I
Insulating material group	III
EMC compliance	unshielded

Product data sheet

Miniature connectors



Product description **Bayonet Female panel mount connector, Contacts: 7, unshielded, solder, IP40, M18x0,75, Front mounting**

Area **Bayonet**
Series **678**
Part no. **99 0624 00 07**

Material

Housing material	PA
Contact body material	PBT (UL94 V-0)
Contact material	CuSn (bronze)
Contact plating	Ag (silver)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	32fc9b85-6215-4ae0-829e-dd21baa244f0

Classifications

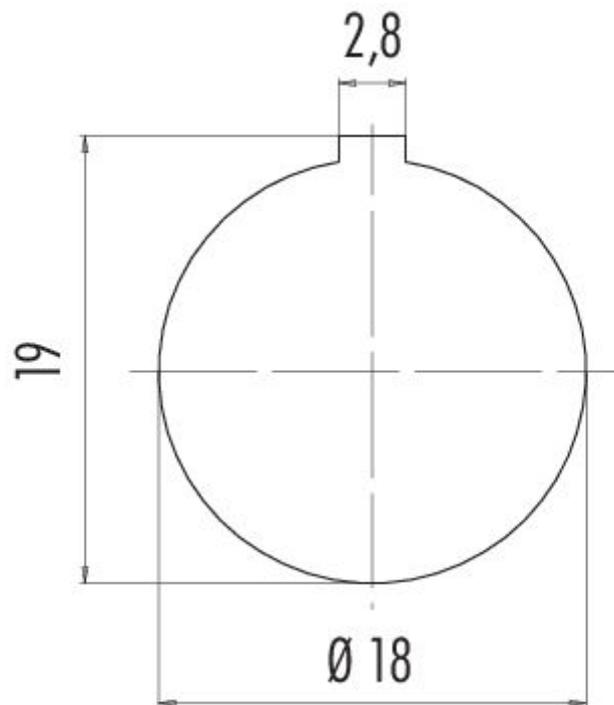
eCl@ss 11.1	27-44-01-02
ETIM 9.0	EC002635

Product data sheet
Miniature connectors



Product description	Bayonet Female panel mount connector, Contacts: 7, unshielded, solder, IP40, M18x0,75, Front mounting
Area	Bayonet
Series	678
Part no.	99 0624 00 07

Assembly instructions / Panel cut-out



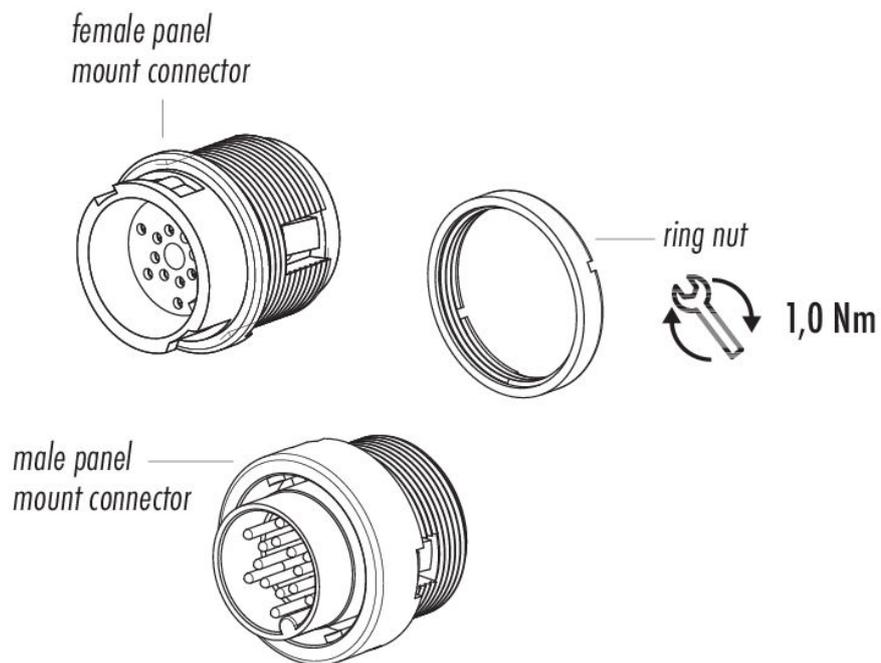
Product data sheet

Miniature connectors

Product description **Bayonet Female panel mount connector, Contacts: 7, unshielded, solder, IP40, M18x0,75, Front mounting**

Area **Bayonet**
Series **678**
Part no. **99 0624 00 07**

Component part drawing



Product data sheet

Miniature connectors



Product description	Bayonet Female panel mount connector, Contacts: 7, unshielded, solder, IP40, M18x0,75, Front mounting
Area	Bayonet
Series	678
Part no.	99 0624 00 07

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 user must take suitable safety precautions to ensure that the connector cannot be accidentally disconnected.

Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".