

Product data sheet

Power connectors

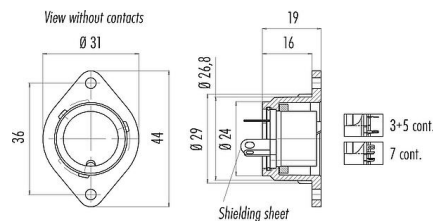


Product description	Bayonet Female panel mount connector, Contacts: 7, shieldable, solder, IP40, Front mounting
Area	Bayonet
Series	690
Part no.	09 0066 70 07

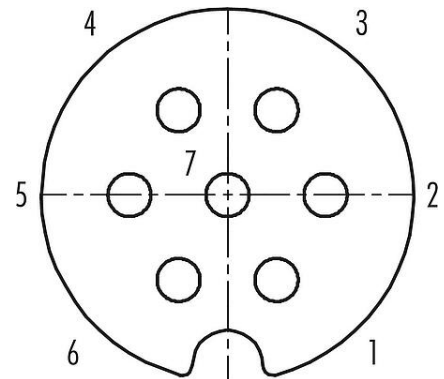
Illustration (may vary)



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.	09 0066 70 07
Connector design	Female panel mount connector
Version	Connector socket straight
Connector locking system	Bayonet
Termination	solder
Degree of protection	IP40
Connection cross-section	0.75 mm ² / AWG 18
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 50 Mating cycles
Weight (g)	12.91
Customs tariff number	85369010
Country of Origin	DE

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 V
Rated current	5.0 A
Insulation resistance	≥ 10 ¹⁰ Ω
Pollution degree	1
Overvoltage category	II
Insulating material group	III
EMC compliance	shieldable
Shield connection	Shielding plate

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Material

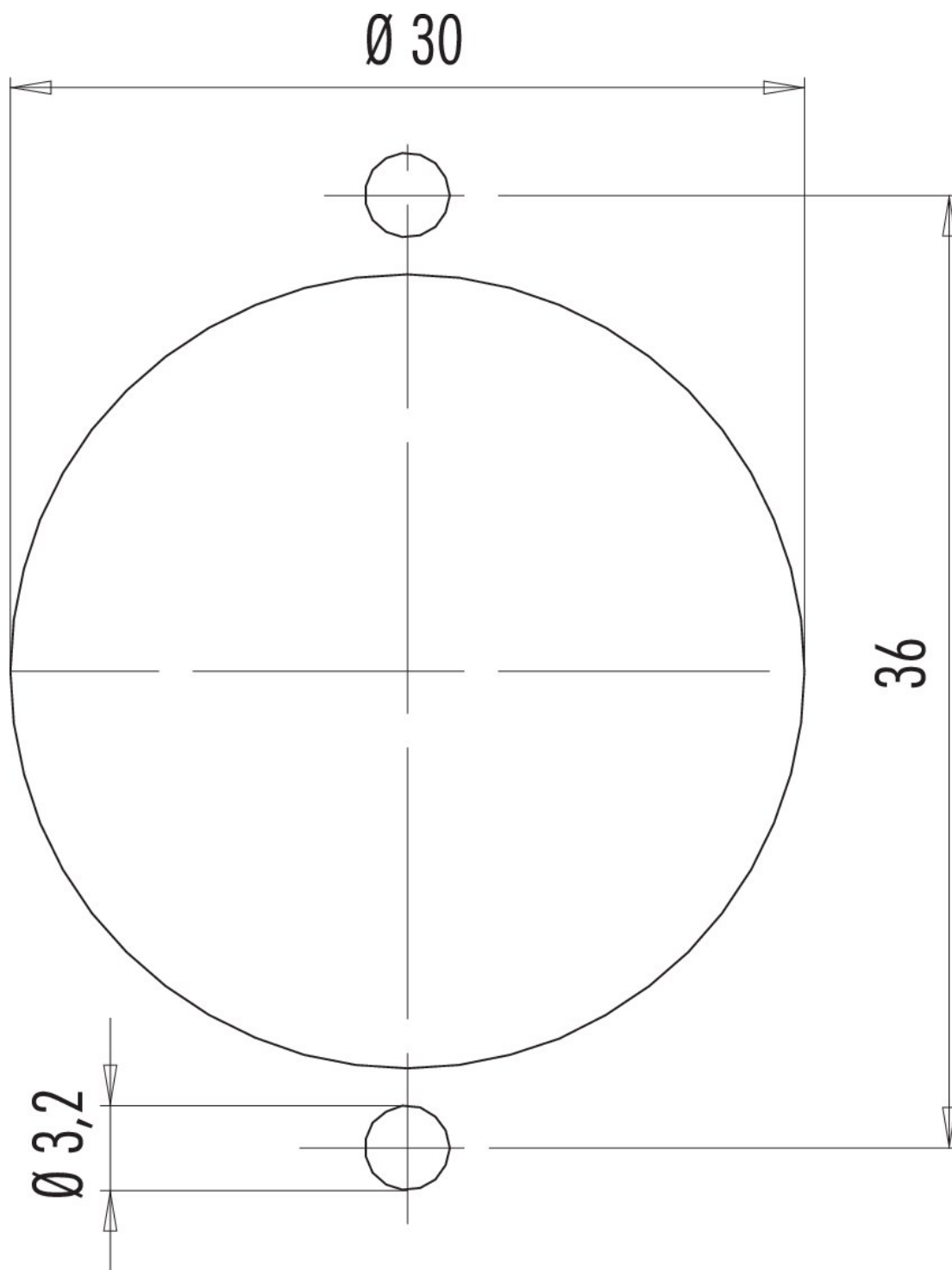
Housing material	PBT
Contact body material	PBT (UL94 V-0)
Contact material	CuSn (bronze)
Contact plating	Ag (silver)
REACH SVHC	None (No pollutants)
SCIP number	SCIP-number not available

Classifications

eCl@ss 11.1	27-44-01-09
ETIM 9.0	EC003569

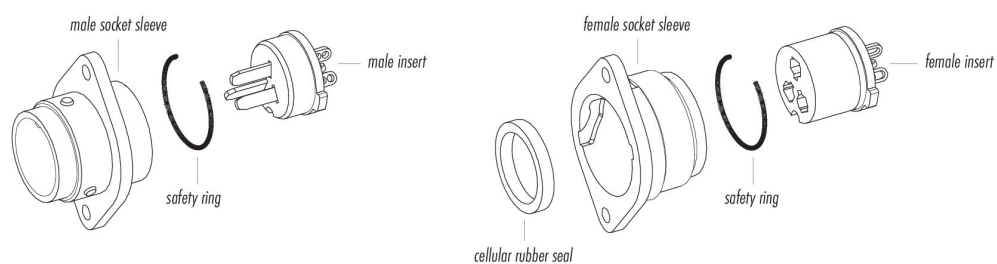
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Assembly instructions / Panel cut-out



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Component part drawing



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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.

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".

To lock the cable connector to the device connector, we recommend tightening the threaded ring to 1.25 Nm. A suitable torque wrench is available as an accessory (order no. 07 0082 000).