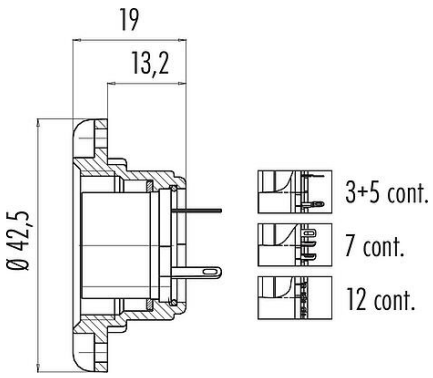
Product data sheet
Power connectors

Product description	**M25 Female panel mount connector, Contacts: 5, shieldable, solder, IP40, Front mounting**
Area	**M25**
Series	**691**
Part no.	**09 0040 00 05**

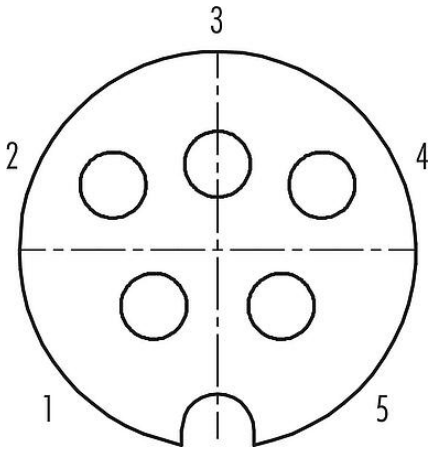
Illustration (may vary)



Scale drawing



Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

Technical data

General features

Part no.	09 0040 00 05
Connector design	Female panel mount connector
Version	Connector socket straight
Connector locking system	screw
Termination	solder
Degree of protection	IP40
Connection cross-section	1.50 mm² / AWG 16
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 500 Mating cycles
Weight (g)	36.88
Customs tariff number	85369010
Country of Origin	DE

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 V
Rated current	10.0 A
Insulation resistance	≥ 10^{10} Ω
Pollution degree	1
Overvoltage category	II
Insulating material group	III
EMC compliance	shieldable

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Shield connection	Shield on the housing

Material

Housing material	GD-AL eloxiert
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

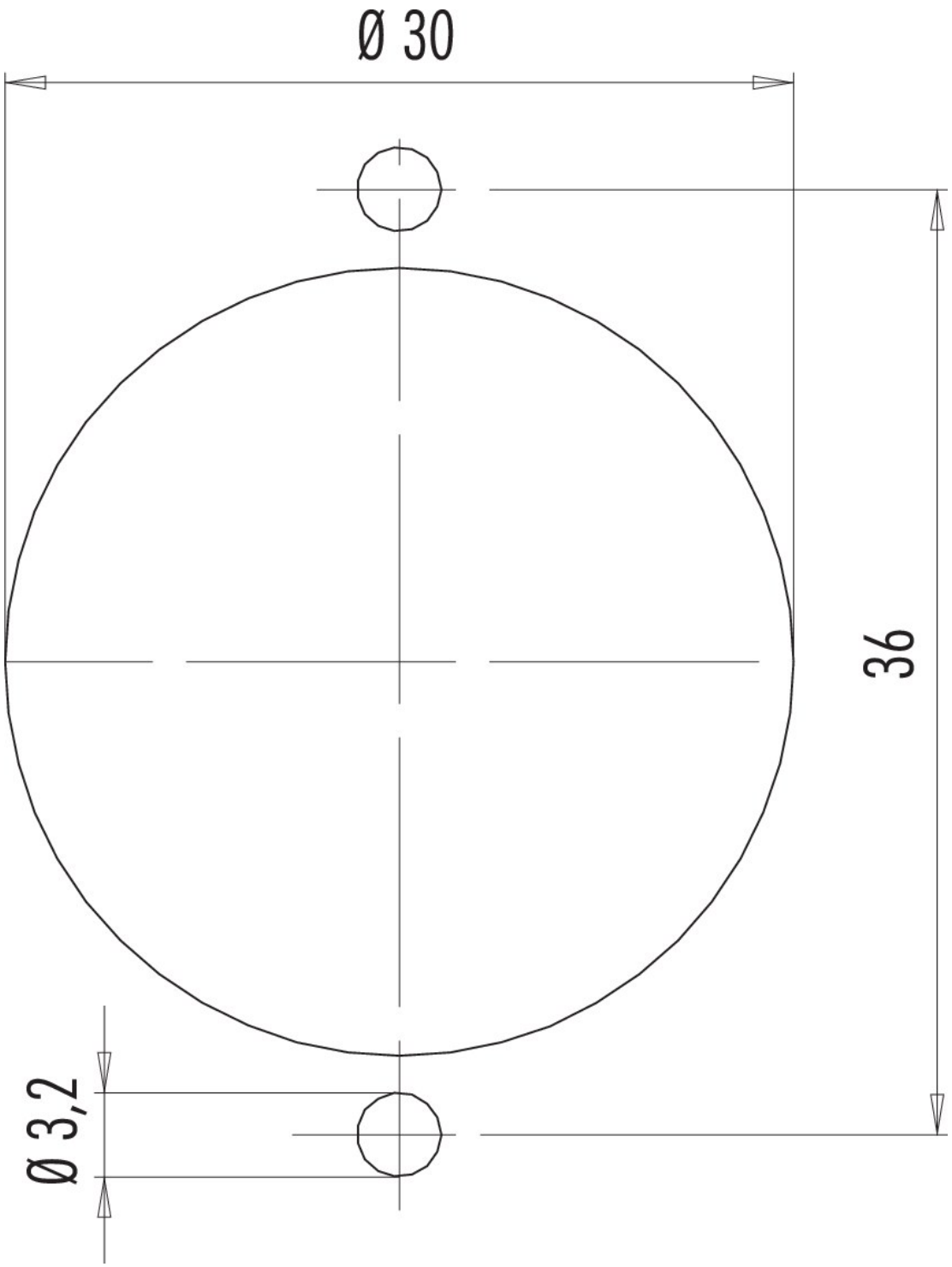
Classifications

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

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Power connectors

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Assembly instructions / Panel cut-out



Product data sheet

Power connectors

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Area	**M25**
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Part no.	**09 0040 00 05**

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.

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).