Product data sheet

Miniature connectors

Product description
Bayonet male angled connector. Contacts: 6 DIN, 4.0 - 6.0 mm, solder, IP40

Area
Bayonett series 678

Order number
99 0617 70 06

Illustration

Scale drawing

Contact arrangement (Plug-in side)

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

Technical data

General features
Order number 99 0617 70 06
Connector design male angled 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 4.0 - 6.0 mm
Temperature range from/to -40 °C / 85 °C
Mechanical operation > 500 Mating cycles
Weight (g) 10.941
Customs tariff number 85369010

Electrical parameters
Rated voltage 250 V
Rated impulse voltage 1500 V
Rated current (40 °C) 6 A
Insulation resistance ≥ 10¹⁰ Ω
Pollution degree 1
Overvoltage category I
Insulating material group III

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)

Declarations of conformity
Product data sheet

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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 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".