Miniature connectors

Product description
Bayonet male angled connector, Contacts: 16, 4.0 - 6.0 mm, solder, IP40

Area
Bayonet series 678

Order number
99 0657 70 16

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 0657 70 16
Connector design | male angled connector
Version | connector male straight
Connector locking system | Bayonet
Termination | solder
Degree of protection | IP40
Cross-sectional area | max. 0.25 mm² / max. ANVG 24
Cable outlet | 4.0 - 6.0 mm
Temperature range from/to | -40 °C / 85 °C
Mechanical operation | > 500 Mating cycles
Weight (g) | 12.555
Customs tariff number | 85369010

Electrical parameters

Rated voltage | 60 V
Rated impulse voltage | 500 V
Rated current (40 °C) | 3 A
Insulation resistance | ≥ 10¹⁰ Ω
Pollution degree | 1
Overvoltage category | 1
Insulating material group | III

Material

Housing material | PA
Contact body material | PBT (UL94 V-0)
Contact material | CuZn (brass)
Contact plating | Au (gold)
REACH SVHC | CAS 7439-92-1 (Lead)

Declarations of conformity


Date: 2020-09-26 - Page 1 of 3
Product data sheet
Miniature connectors

<table>
<thead>
<tr>
<th>Product description</th>
<th>Bayonet male angled connector. Contacts: 16, 4.0 - 6.0 mm, solder, IP40</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area</td>
<td>Bayonet series 678</td>
</tr>
<tr>
<td>Order number</td>
<td>99 0657 70 16</td>
</tr>
</tbody>
</table>

Component part drawing
Product data sheet
Miniature connectors

<table>
<thead>
<tr>
<th>Product description</th>
<th>Bayonet male angled connector, Contacts: 16, 4.0 - 6.0 mm, solder, IP40</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area</td>
<td>Bayonet series 678</td>
</tr>
<tr>
<td>Order number</td>
<td>99 0657 70 16</td>
</tr>
</tbody>
</table>

Security notices
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.