

# Product sheet

## Miniature connector



|         |   |                |                                |
|---------|---|----------------|--------------------------------|
| Product | <b>Contacts: 2, cable plug connector, cable outlet 4 – 6 mm</b> | Area           | <b>Bayonet IP40 Series 678</b> |
| Pole    | <b>2</b>  | Article number | <b>99 0601 00 02</b>           |

| Illustration | Scale drawing | Contact Arrangement  |  |   |   |   |      |      |   |       |      |
|--------------|---------------|--|--|---|---|---|------|------|---|-------|------|
|              |               | <table border="1" style="margin-left: 20px;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3,50</td> <td>0,00</td> </tr> <tr> <td>2</td> <td>-3,50</td> <td>0,00</td> </tr> </tbody> </table> |  | X | Y | 1 | 3,50 | 0,00 | 2 | -3,50 | 0,00 |
|              | X             | Y  |  |   |   |   |      |      |   |       |      |
| 1            | 3,50          | 0,00   |  |   |   |   |      |      |   |       |      |
| 2            | -3,50         | 0,00   |  |   |   |   |      |      |   |       |      |

You can find the item description on the next page.

### Technical data

#### Common values

|                          |                      |
|--------------------------|----------------------|
| Connector Design         | Cable plug connector |
| Connector locking system | Bayonet              |
| Termination              | Solder               |
| Wire gauge (mm)          | 0.75 mm <sup>2</sup> |
| Wire gauge (AWG)         | 20                   |
| Cable outlet             | 4 - 6 mm             |
| Upper temperature        | 85 °C                |
| Lower temperature        | -40 °C               |

#### Electrical values

|                       |                     |
|-----------------------|---------------------|
| Rated voltage         | 250 V               |
| Rated impulse voltage | 1500 V              |
| Pollution degree      | 1                   |
| Overvoltage category  | I                   |
| Material group        | III                 |
| Rated current (40°C)  | 7 A                 |
| Volume resistivity    | ≤ 5 mΩ              |
| EMV compliance        | not shieldable      |
| Degree of protection  | IP40                |
| Mechanical operation  | > 500 mating cycles |

#### Material

|                          |                 |
|--------------------------|-----------------|
| Material of contact      | CuZn (Brass)    |
| Contact plating          | Ag (Silver)     |
| Material of contact body | PBT (UL 94 V-0) |
| Material of housing      | PA (UL 94 V-0)  |

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2

Area  
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**Bayonet IP40 Series 678**  
**99 0601 00 02**

Pole

### Item description

