

|         |  |                |                      |
|---------|--|----------------|----------------------|
| Product | <b>Contacts 3: 3 x 0.14 mm<sup>2</sup>, female panel mount connector with single wires, screwed from front</b> | Area           | <b>M5 Series 707</b> |
| Pole    | <b>3</b>   | Article number | <b>09 3106 86 03</b> |

| Illustration | Scale drawing | Contact Arrangement   |  |   |   |   |      |       |   |   |   |   |       |      |   |      |      |
|--------------|---------------|---|--|---|---|---|------|-------|---|---|---|---|-------|------|---|------|------|
|              |               | <table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0,63</td> <td>-0,63</td> </tr> <tr> <td>2</td> <td>-</td> <td>-</td> </tr> <tr> <td>3</td> <td>-0,63</td> <td>0,63</td> </tr> <tr> <td>4</td> <td>0,63</td> <td>0,63</td> </tr> </tbody> </table> <p>                     1 braun/brown<br/>                     2 nicht konfektioniert/not assembled<br/>                     3 blau/blue<br/>                     4 schwarz/black                 </p> |  | X | Y | 1 | 0,63 | -0,63 | 2 | - | - | 3 | -0,63 | 0,63 | 4 | 0,63 | 0,63 |
|              | X             | Y   |  |   |   |   |      |       |   |   |   |   |       |      |   |      |      |
| 1            | 0,63          | -0,63   |  |   |   |   |      |       |   |   |   |   |       |      |   |      |      |
| 2            | -             | -   |  |   |   |   |      |       |   |   |   |   |       |      |   |      |      |
| 3            | -0,63         | 0,63  |  |   |   |   |      |       |   |   |   |   |       |      |   |      |      |
| 4            | 0,63          | 0,63  |  |   |   |   |      |       |   |   |   |   |       |      |   |      |      |

## Technical data

### Common values

|                          |                              |
|--------------------------|------------------------------|
| Connector Design         | Female panel mount connector |
| Connector locking system | screw                        |
| Termination              | With assembled wire          |
| Wire gauge (mm)          | 0.14 mm <sup>2</sup>         |
| Wire gauge (AWG)         | 26                           |
| Cable outlet             | -                            |
| Upper temperature        | 80 °C                        |
| Lower temperature        | -25 °C                       |

### Cable data

|  |     |
|--|-----|
| material housing                       | -   |
| Insulation single lead                 | -   |
| Single lead structure                  | -   |
| Temperature range cable movable c from | -5  |
| Temperature range cable movable c to   | 80  |
| Temperature range cable fixed c from   | -25 |
| Temperature range cable fixed c to     | 80  |
| Bending radius cable fixed             | -   |
| Bending radius cable movable           | -   |

### Electrical values

|                       |                     |
|-----------------------|---------------------|
| Rated voltage         | 60 V                |
| Rated impulse voltage | 800 V               |
| Pollution degree      | 3                   |
| Overvoltage category  | II                  |
| Material group        | I                   |
| Rated current (40°C)  | 1 A                 |
| Volume resistivity    | ≤ 3 mΩ              |
| EMV compliance        | not shielded        |
| Degree of protection  | IP67                |
| Mechanical operation  | > 100 mating cycles |

### Material

|                          |                            |
|--------------------------|----------------------------|
| Material of contact      | CuSn (Bronze)              |
| Contact plating          | Au (Gold)                  |
| Material of contact body | PA                         |
| Material of housing      | CuZn (Brass nickel-plated) |

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