

## SUMMARY

### # Wires

Low voltage 6



*Image is for illustrative purpose only*

|                  |                                  |
|------------------|----------------------------------|
| Series           | 1P                               |
| Termination type | Female solder                    |
| IP rating        | 50                               |
| AWG wire size    | 0.00 - 26.00                     |
| Cable Ø          | 0.00 - 0.00 mm                   |
| Status           | active                           |
| Matching parts   | <a href="#">PAC.M0.6GL.AC39R</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | PK*: Fixed receptacle with two nuts (back panel mounting)           |
| Keying            | 2 keys (alpha=80; Plug: male contacts; Receptacle: female contacts) |
| Housing Material  | PSU (Polysulfone), gray   |
| Variant           | R : Red front nut   |
| Weight            | 4.67 g  |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 1P.M06 : 6 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 6 Amps                    |

### Specifications

|  |
|--|
| Contact Type: Solder                                   |
| Contact Dia.: 0.7 mm (0.0275in)                        |
| Bucket Dia.: 0.6 mm (0.024in)                          |
| Max. Solid Conductor: 0.14 mm <sup>2</sup> (AWG 26)    |
| Max. Stranded Conductor: 0.14 mm <sup>2</sup> (AWG 26) |
| R (max): 6.5 mOhm                                      |
| Test voltage (kV rms) Contact-contact: 1.05            |

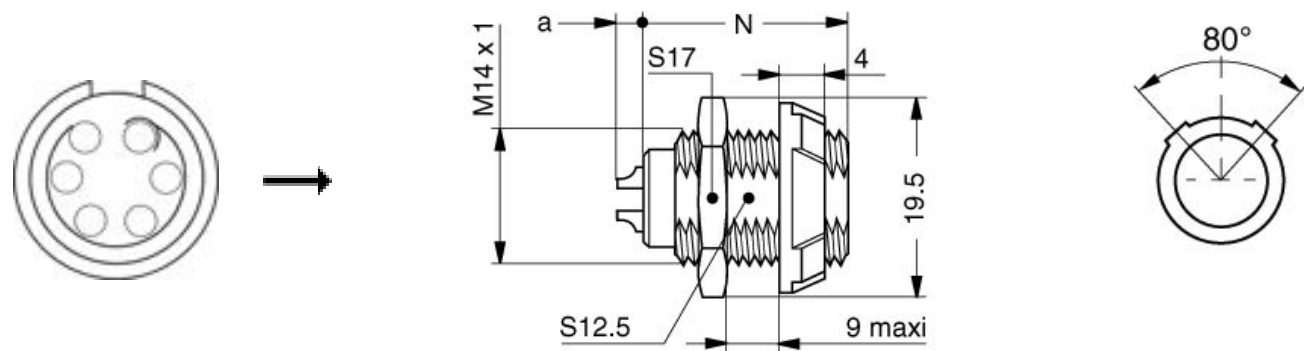
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Air clearance min.: 0.85 mm  
Creepage distance min.: 0.85 mm

Others

- Endurance (Shell): >2000 mating cycles
- Temp (min / max): -50°C / +150°C
- F ret (min): 50 N
- F ret (max): 150 N
- Steam sterilization: > 100 times (with potting on rear connection)

DRAWINGS



Dimensions

|     | A    | N         | a     |
|-----|------|-----------|-------|
| mm. | 19.5 | 20.5-22.2 | 0-4.5 |
| in. | 0,77 | 0,81      | 0,00  |

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Tools

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