

## SUMMARY

### # Wires

Low voltage 8



*Image is for illustrative purpose only*

|                  |                                  |
|------------------|----------------------------------|
| Series           | 1P                               |
| Termination type | Female print PCB                 |
| IP rating        | 50                               |
| AWG wire size    | 26.00 - 22.00                    |
| Cable Ø          | 0.00 - 0.00 mm                   |
| Status           | Active                           |
| Matching parts   | <a href="#">PAC.M0.8GL.AC39Z</a> |

### Download

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[PCB Altium Pattern](#)  
[PCB KiCad Pattern](#)  
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## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                    |
|-------------------|------------------------------------------------------------------------------------|
| Shell Style/Model | PK*: Fixed receptacle with two nuts (back panel mounting), straight print contacts |
| Keying            | 2 keys (alpha=80; Plug: male contacts; Receptacle: female contacts)                |
| Housing Material  | PSU (Polysulfone), gray                                                            |
| Variant           | Z : without front nut                                                              |
| Weight            | 4.42 g                                                                             |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 1P.M08 : 8 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 5 Amps                    |

### Specifications

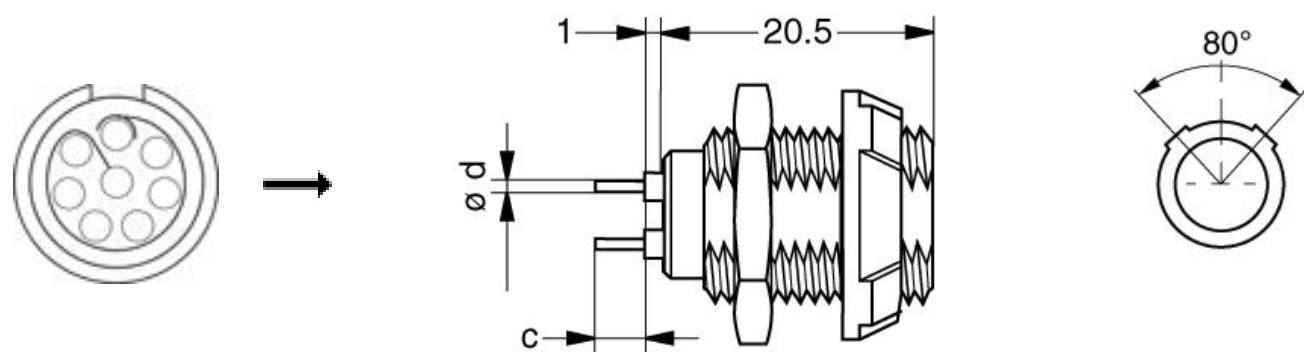
Contact Type: Print (straight)  
Contact Dia.: 0.7 mm (0.0275in)  
R (max): 6.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.05  
Air clearance min.: 0.6 mm  
Creepage distance min.: 0.6 mm

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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

|     | c    | d       |
|-----|------|---------|
| mm. | 3-5  | 0.5-0.7 |
| in. | 0,12 | 0,02    |

RECOMMENDED BY LEMO

Tools

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