

## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

|                  |                                   |
|------------------|-----------------------------------|
| Series           | 0B                                |
| Termination type | Female print PCB                  |
| IP rating        | 68                                |
| AWG wire size    | 30.00 - 22.00                     |
| Cable Ø          | 0.00 - 0.00 mm                    |
| Status           | active                            |
| Matching parts   | <a href="#">FGG.0B.304.CLAD22</a> |

### Download

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

### Mechanics

|                   |                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell Style/Model | HM*: Fixed receptacle with grounding tab, nut fixing, watertight or vacuum-tight (back panel mounting)                        |
| Keying            | 1 key (alpha=0, plug: male contacts, receptacle: female contacts)                                                             |
| Housing Material  | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Variant           | P : Watertight                                                                                                                |
| Weight            | 5.06 g                                                                                                                        |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 0B.304 : 4 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 7 Amps                    |

### Specifications

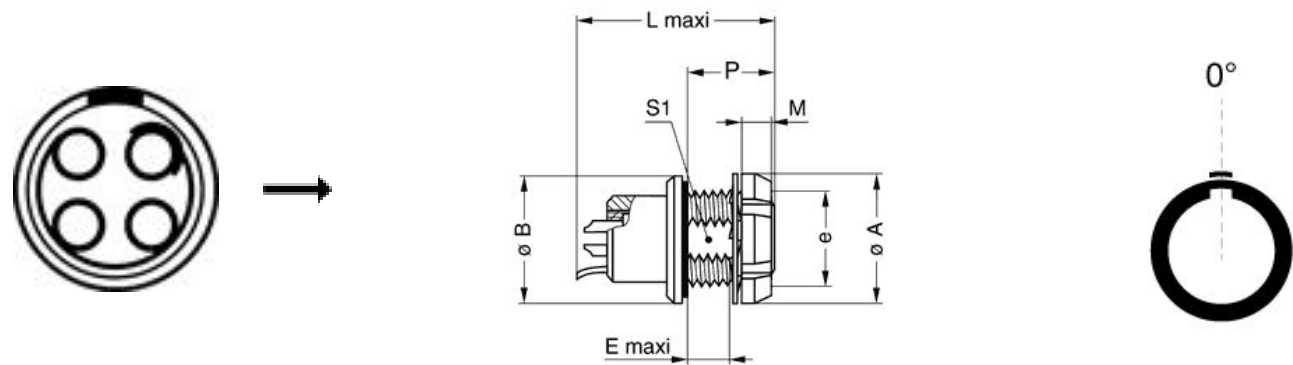
Contact Type: Print (straight)  
Contact Dia.: 0.7 mm (0.028in)  
R (max): 6.1 mOhm  
Vtest (contact-contact): 850 V (AC), 1200 V (DC)  
Vtest (contact-shell): 700 V (AC), 990 V (DC)

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Others

Endurance (Shell): 5000  
Temp (min / max): -20°C / +100°C  
Humidity (max): <=95% [at 60 deg C /140 F]  
Vibration: 15 g [10 Hz - 2000 Hz]  
Shock Resistance: 100 g [ 6 ms]  
Climatical Category: 20/80/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr  
Pressure: 60 bars

DRAWINGS



Dimensions

|     | A    | B    | E    | L    | M    | P    | S1   | e      |
|-----|------|------|------|------|------|------|------|--------|
| mm. | 12   | 13   | 4.7  | 21.5 | 2.5  | 9    | 8.2  | M9x0.6 |
| in. | 0,47 | 0,51 | 0,19 | 0,85 | 0,10 | 0,35 | 0,32 |        |

RECOMMENDED BY LEMO

Tools

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