

## SUMMARY

### # Wires

Low voltage 24



*Image is for illustrative purpose only*

|                  |                                   |
|------------------|-----------------------------------|
| Series           | 3B                                |
| Termination type | Female print PCB                  |
| IP rating        | 50                                |
| AWG wire size    | 30.00 - 22.00                     |
| Cable Ø          | 0.00 - 0.00 mm                    |
| Status           | active                            |
| Matching parts   | <a href="#">FGG.3B.324.CLAD11</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | EE*: Fixed receptacle, nut fixing with straight contacts for printed circuit(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 |
| Weight            | 31.10 g   |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 3B.324 : 24 Low Voltage   |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 4 Amps                    |

### Specifications

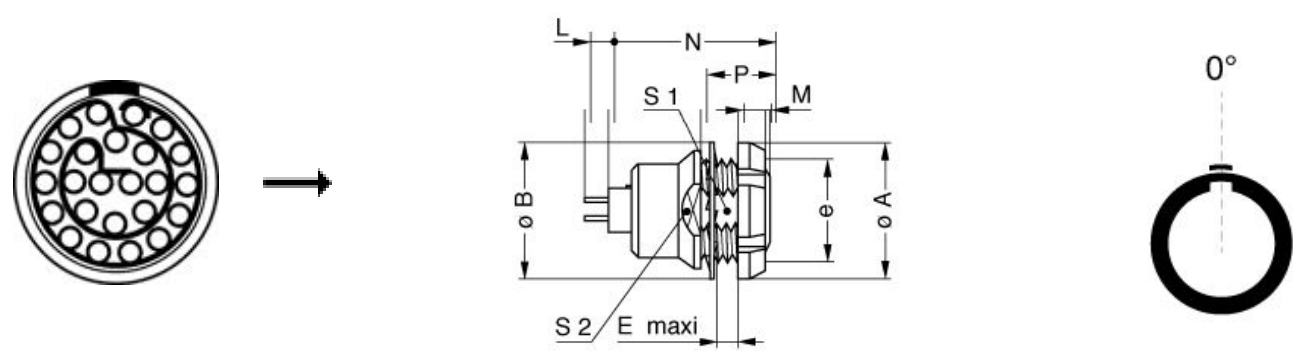
Contact Type: Print (straight)  
Contact Dia.: 0.7 mm (0.028in)  
R (max): 6.1 mOhm  
Vtest (contact-shell): 800 V (AC), 1130 V (DC)  
Vtest (contact-contact): 950 V (AC), 1340 V (DC)  
□

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Others

- Endurance (Shell): 5000
- Temp (min / max): -55°C / +250°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: 50/175/21
- Shielding (min): 75 dB (10 MHz)
- Shielding (min): 40 dB (1 GHz)
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

|     | A    | B    | E    | L    | M    | N    | P    | S1   | S2   | e       |
|-----|------|------|------|------|------|------|------|------|------|---------|
| mm. | 24   | 25   | 6.1  | 30.7 | 4.5  | 28.1 | 12   | 16.5 | 20   | M18x1.0 |
| in. | 0,94 | 0,98 | 0,24 | 1,21 | 0,18 | 1,11 | 0,47 | 0,65 | 0,79 |         |

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Tools

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