

## SUMMARY

### # Wires

|              |    |
|--------------|----|
| Low voltage  | 12 |
| High voltage | 1  |



*Image is for illustrative purpose only*

|                  |                                   |
|------------------|-----------------------------------|
| Series           | 3B                                |
| Termination type | Female solder Hybrid              |
| 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.712.CJAD62</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | EG*: Fixed receptacle, nut fixing   |
| 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            | 26.13 g   |

### Performance

|               |                              |
|---------------|------------------------------|
| Configuration | 3B.712 : 1 High V. 12 Low V. |
| Insulator     | J: PEEK/PEEK                 |
| Rated Current | 3 Amps                       |

### Specifications

|  |
|--|
| Contact Type: Solder                                   |
| Contact Dia.: 0.9 mm (0.035in)                         |
| Bucket Dia.: 0.8 mm (0.035in)                          |
| Max. Solid Conductor: 0.34 mm <sup>2</sup> (AWG 22)    |
| Max. Stranded Conductor: 0.34 mm <sup>2</sup> (AWG 22) |
| R (max): 4.8 mOhm                                      |
| Test voltage HV Ue (kV dc) 12                          |
| Test voltage HV Ue (kV rms) 8.5                        |

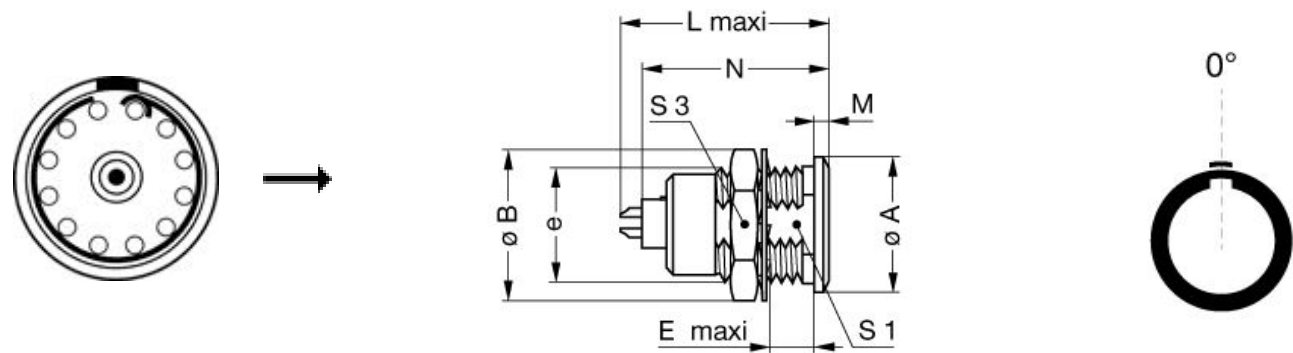
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Rated current HV (A) 4  
Test voltage LV cont-cont sold.(kV rms) 1.2  
Test voltage LV cont-shell sold.(kV rms) 0.85  
Rated current LV (A) 5

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    | S1   | S3   | e       |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 22   | 25   | 11.5 | 30.7 | 2    | 28.1 | 16.5 | 22   | M18x1.0 |
| in. | 0,87 | 0,98 | 0,45 | 1,21 | 0,08 | 1,11 | 0,65 | 0,87 |         |

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## Tools

## Cables

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