

## SUMMARY

### # Wires

|             |    |
|-------------|----|
| Low voltage | 18 |
|-------------|----|



*Image is for illustrative purpose only*

|                  |                                   |
|------------------|-----------------------------------|
| Series           | 2B                                |
| Termination type | Female crimp                      |
| IP rating        | 50                                |
| AWG wire size    | 26.00 - 22.00                     |
| Cable Ø          | 0.00 - 0.00 mm                    |
| Status           | active                            |
| Matching parts   | <a href="#">FGG.2B.318.CYCD99</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            | 16.93 g                                                                                                                       |

### Performance

|               |                            |
|---------------|----------------------------|
| Configuration | 2B.318 : 18 Low Voltage    |
| Insulator     | Y: PEEK for crimp contacts |
| Rated Current | 5.5 Amps                   |

### Specifications

|                                                 |
|-------------------------------------------------|
| Contact Type: Crimp                             |
| Contact Retention: 22 N                         |
| Contact Dia.: 0.7 mm (0.028in)                  |
| Bucket Dia.: 0.8 mm (0.031in)                   |
| Min. Conductor: 0.14 mm <sup>2</sup> (AWG 26)   |
| Max. Conductor: 0.34 mm <sup>2</sup> (AWG 22)   |
| R (max): 6.1 mOhm                               |
| Vtest (contact-shell): 2100 V (AC), 2970 V (DC) |

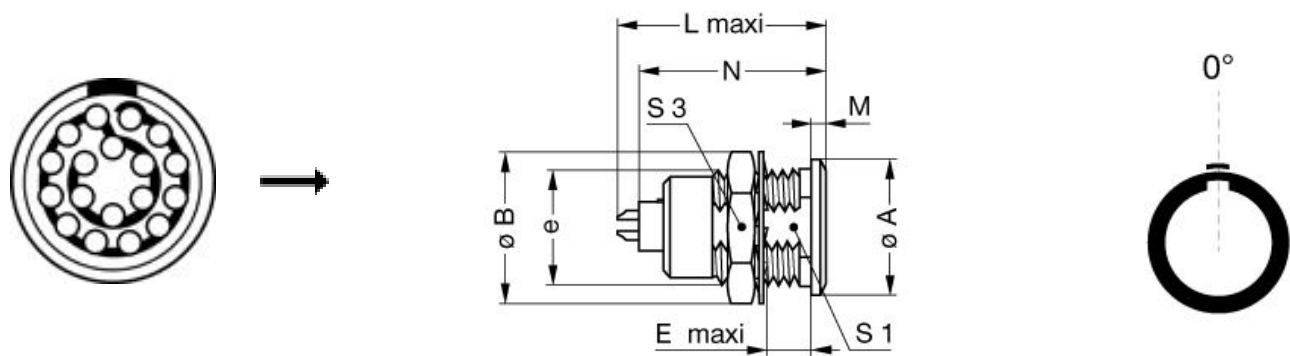
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Vtest (contact-contact): 1450 V (AC), 2050 V (DC)

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. | 18   | 19.5 | 8.5  | 26.7 | 1.8  | 24.6 | 13.5 | 17   | M15x1.0 |
| in. | 0,71 | 0,77 | 0,33 | 1,05 | 0,07 | 0,97 | 0,53 | 0,67 |         |

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.701.V](#)

Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: [DCE.91.072.BVM](#)

Extractor: [DCF.91.070.2LT](#)

Replacement contact: EGG.2B.655.ZZM

### Cables

|                    |               |       |                                                                                     |
|--------------------|---------------|-------|-------------------------------------------------------------------------------------|
| CMN.18.T30.048QGZE | TPR (medical) | Grey  |  |
| 218220             | PVC           | Black |  |
| 218240             | PVC           | Black |  |
| 218260             | PVC           | Black |  |
| 236080             | PVC           | Grey  |                                                                                     |
| 318250             | PVC           | Grey  |  |

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