

## SUMMARY

### # Wires

Low voltage 14



*Image is for illustrative purpose only*

|                  |                                   |
|------------------|-----------------------------------|
| Series           | 2B                                |
| Termination type | Male crimp                        |
| IP rating        | 50                                |
| AWG wire size    | 26.00 - 22.00                     |
| Cable Ø          | 8.30 - 9.20 mm                    |
| Status           | active                            |
| Matching parts   | <a href="#">FGJ.2B.314.CYMD92</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell Style/Model | PH*: Free receptacle, cable collet                                                                                            |
| Keying            | 2 keys (alpha=37.5, plug: female contacts, receptacle: male 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 |

### Performance

|               |                            |
|---------------|----------------------------|
| Configuration | 2B.314 : 14 Low Voltage    |
| Insulator     | Y: PEEK for crimp contacts |
| Rated Current | 6.5 Amps                   |

### Specifications

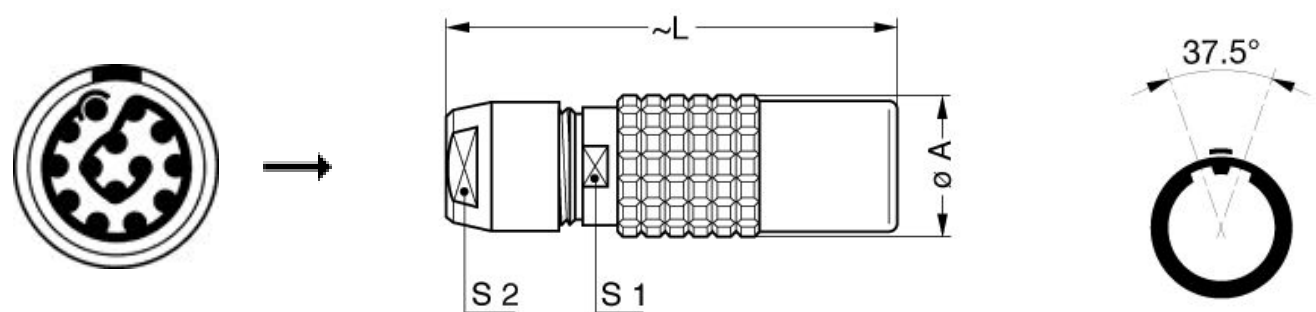
Contact Type: Crimp  
Contact Retention: 22 N  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.8 mm (0.031in)  
Min. Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 6.1 mOhm  
Vtest (contact-shell): 1950 V (AC), 2750 V (DC)  
Vtest (contact-contact): 1550 V (AC), 2200 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    | L    | S1   | S2   |
|-----|------|------|------|------|
| mm. | 16.5 | 47   | 13   | 12   |
| in. | 0,65 | 1,85 | 0,51 | 0,47 |

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.701.V](#)  
Crimp settings: AWG/Selector = 22-24-26/6-5-5

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|                      |                                         |
|----------------------|-----------------------------------------|
| Positionner:         | <a href="#"><u>DCE.91.072.BVC</u></a>   |
| Extractor:           | <a href="#"><u>DCF.92.070.3LT</u></a>   |
| Replacement contact: | FGG.2B.555.ZZC                          |
| Spanner wrench:      | <a href="#"><u>DCD.2B.025.PA120</u></a> |

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