

## SUMMARY

### # Wires

Low voltage 14



*Image is for illustrative purpose only*

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

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## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell Style/Model | FG*: Straight plug, 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 |
| Weight            | 31.13 g                                                                                                                       |

### 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)

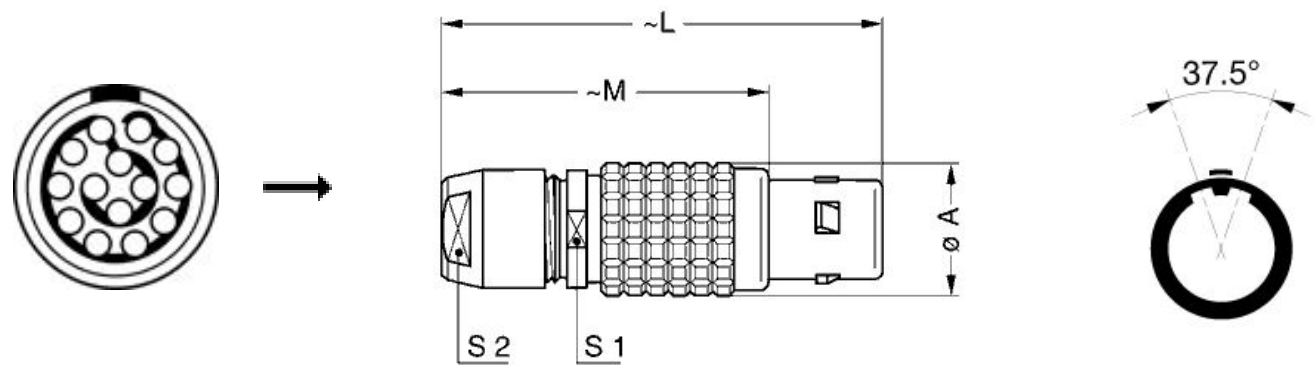
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Vtest (contact-contact): 1550 V (AC), 2200 V (DC)

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    | L    | M    | S1   | S2   |
|-----|------|------|------|------|------|
| mm. | 15   | 50   | 38   | 13   | 12   |
| in. | 0,59 | 1,97 | 1,50 | 0,51 | 0,47 |

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Tools

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|                      |                                  |
|----------------------|----------------------------------|
| Crimp Tool:          | <a href="#">DPC.91.701.V</a>     |
| Crimp settings:      | AWG/Selector = 22-24-26/6-5-5    |
| Positionner:         | <a href="#">DCE.91.072.BVM</a>   |
| Extractor:           | <a href="#">DCF.92.070.3LT</a>   |
| Replacement contact: | EGG.2B.655.ZZM                   |
| Spanner wrench:      | <a href="#">DCD.2B.025.PA120</a> |

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