

## SUMMARY

### # Wires

Low voltage 10



*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="#">FGA.2B.310.CYBD62Z</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell Style/Model | EC*: Fixed receptacle with two nuts (back panel mounting)                                                                     |
| Keying            | 2 keys (alpha=30, 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            | 15.92 g                                                                                                                       |

### Performance

|               |                            |
|---------------|----------------------------|
| Configuration | 2B.310 : 10 Low Voltage    |
| Insulator     | Y: PEEK for crimp contacts |
| Rated Current | 8 Amps                     |

### Specifications

|                        |                               |
|------------------------|-------------------------------|
| Contact Type:          | Crimp                         |
| Contact Retention:     | 30 N                          |
| Contact Dia.:          | 0.9 mm (0.035in)              |
| 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):               | 4.8 mOhm                      |
| Vtest (contact-shell): | 2100 V (AC), 2970 V (DC)      |

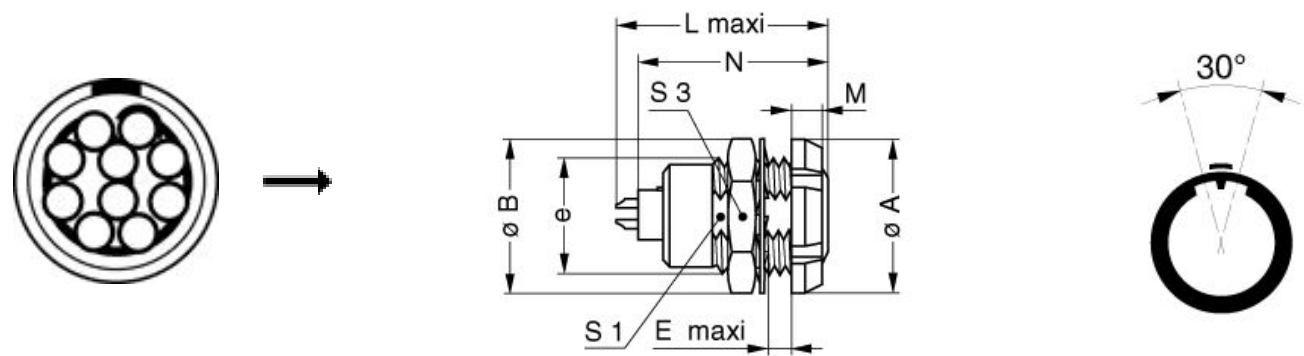
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Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

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. | 20   | 19.2 | 6.5  | 26.7 | 3.5  | 24.6 | 13.5 | 17   | M15x1.0 |
| in. | 0,79 | 0,76 | 0,26 | 1,05 | 0,14 | 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.91.092.BVM](#)

Extractor: [DCF.91.090.2LT](#)

Spanner 2: [DCH.91.201.PA](#)

Replacement contact: EGG.2B.661.ZZM

### Cables

|                    |               |       |                                                                                       |
|--------------------|---------------|-------|---------------------------------------------------------------------------------------|
| CMN.10.T22.068QGZE | TPR (medical) | Grey  |    |
| CMN.10.T28.052PGZE |               | Grey  |    |
| CMN.10.T28.052PNZE |               |       |    |
| CMN.10.T28.053QGZE | TPR (medical) | Grey  |    |
| 110220             | PVC           | Black |    |
| 110240             | PTFE          | White |    |
| 110260             | PTFE          | White |    |
| 110280             | PVC           | Black |    |
| 210140             | PVC           | Grey  |    |
| 210240             | PVC           | Black |   |
| 210250             | PVC           | Grey  |  |
| 210260             | PVC           | Black |  |

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