

## SUMMARY

### # Wires

|             |   |
|-------------|---|
| Low voltage | 8 |
|-------------|---|



*Image is for illustrative purpose only*

|                  |                                 |
|------------------|---------------------------------|
| Series           | 2B                              |
| Termination type | Male solder                     |
| IP rating        | 50                              |
| AWG wire size    | 30.00 - 22.00                   |
| Cable Ø          | 0.00 - 0.00 mm                  |
| Status           | active                          |
| Matching parts   | <a href="#">ENY.2B.308.PLLB</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |  |
|-------------------|--|
| Shell Style/Model | FGY*: Straight plug, cable collet and PSU or PPSU outer shell  |
| Keying            | 3 keys (beta=112.5, gamma=100, plug: male contacts, receptacle: female contacts)                           |
| Housing Material  | PSU (Polysulfone) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Variant           | BZ : White nut for bend relief   |
| Weight            | 18.86 g  |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 2B.308 : 8 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 10 Amps                   |

### Specifications

|                          |                               |
|--------------------------|-------------------------------|
| Contact Type:            | Solder                        |
| Contact Dia.:            | 0.9 mm (0.035in)              |
| Bucket Dia.:             | 0.8 mm (0.031in)              |
| 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                      |

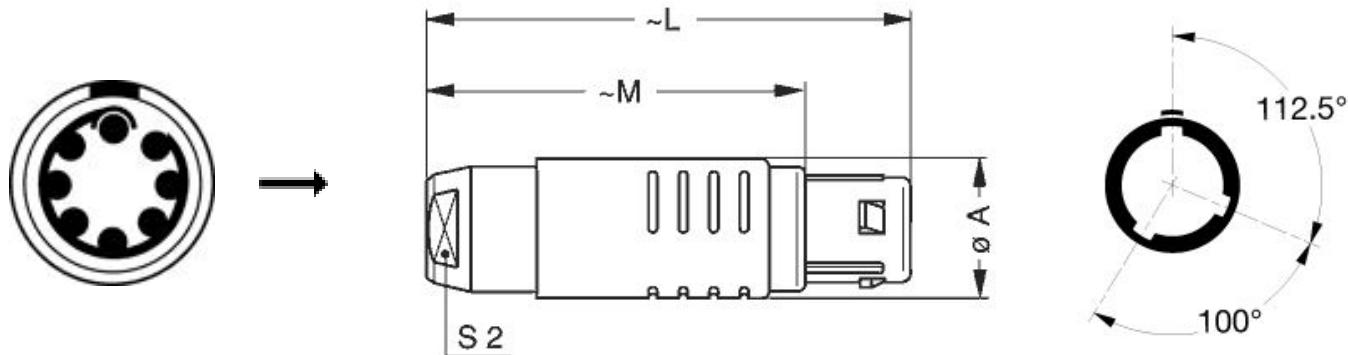
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Vtest (contact-shell): 1250 V (AC), 1770 V (DC)  
Vtest (contact-contact): 1500 V (AC), 2120 V (DC)

## Others

Endurance (Shell): 5000  
Temp (min / max): -50 °C / +150 °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)

## DRAWINGS



## Dimensions

|     | A    | L    | M    | S2   |
|-----|------|------|------|------|
| mm. | 16.5 | 50.5 | 39.5 | 13   |
| in. | 0,65 | 1,99 | 1,56 | 0,51 |

## RECOMMENDED BY LEMO

### Tools

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Spanner wrench:

[DCD.2B.025.PA120](#)

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