

## SUMMARY

### # Wires

Low voltage 3



*Image is for illustrative purpose only*

|                  |                                |
|------------------|--------------------------------|
| Series           | 3E                             |
| Termination type | Male solder                    |
| IP rating        | 68                             |
| AWG wire size    | 22.00 - 14.00                  |
| Cable Ø          | 8.60 - 9.00 mm                 |
| Status           | active                         |
| Matching parts   | <a href="#">ERA.3E.303.CLL</a> |

### Download

[Request a quote](#)

[Eplan](#)

[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FFA*: Straight plug, cable collet   |
| Keying            | Hermaphroditic keying (half moon insert) with male pin 1  |
| 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            | 67.13 g   |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 3E.303 : 3 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 20 Amps                   |

### Specifications

Contact Type: Solder  
Vtest: 1500 V (AC), 2100 V (DC)

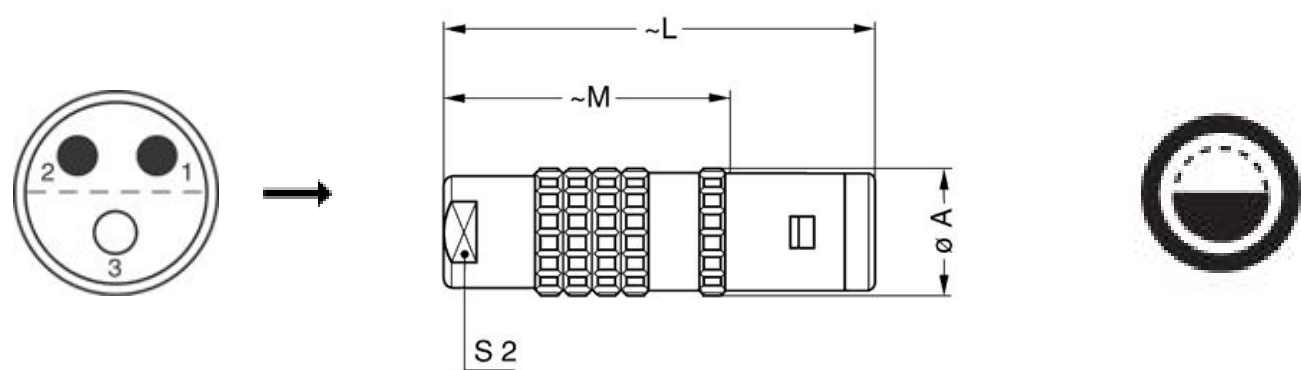
### Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55°C / +200°C  
Humidity (max): <=95% [at 60 deg C / 140 F]

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Vibration: 15 g [10 Hz - 2000 Hz]  
Shock Resistance: 100 g [ 6 ms]  
Climatical Category: 50/175/21  
Shielding (min): 95 dB (10 MHz)  
Shielding (min): 80 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr

## DRAWINGS



### Dimensions

|     | A    | L    | M    | S2   |
|-----|------|------|------|------|
| mm. | 19   | 61   | 41   | 15   |
| in. | 0,75 | 2,40 | 1,61 | 0,59 |

## RECOMMENDED BY LEMO

### Tools

- Spanner wrench: [DCD.3E.030.PA150](#)  
Caps: [BFA.3E.100.NAS](#)

*LEMO products and services are provided “as is”. LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.*