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# ERA.0S.304.CLL

## SUMMARY

### # Wires

| | |
|---|---|
| **Low voltage** | **4** |



*Image is for illustrative purpose only*

| | |
|---|---|
| **Series** | 0S |
| **Termination type** | Female solder |
| **IP rating** | 50 |
| **AWG wire size** | 32.00 - 24.00 |
| **Cable Ø** | 0.00 - 0.00 mm |
| **Status** | active |
| **Matching parts** | FFA.0S.304.CLAC17 |

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## TECHNICAL DETAILS

### Mechanics

| | |
|---|---|
| **Shell Style/Model** | ERA*: Fixed receptacle, nut fixing |
| **Keying** | Hermaphroditic keying (half moon insert) with female 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** | 4.12 g |

### Performance

| | |
|---|---|
| **Configuration** | 0S.304 : 4 Low Voltage |
| **Insulator** | L: PEEK (UL 94 / V-0/1.5) |
| **Rated Current** | 7 Amps |

### Specifications

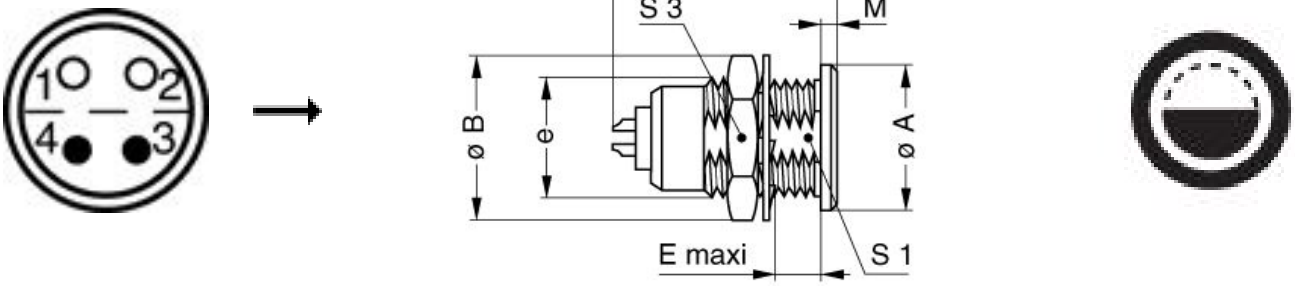
Contact Type: Solder
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.6 mm (0.024in)
Max. Solid Conductor: 0.25 mm^2 (AWG 24)
Max. Stranded Conductor: 0.14 mm^2 (AWG 26)
R (max): 6.1 mOhm
Vtest: 1060 V (AC), 1500 V (DC)

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### Others

Endurance (Shell): 5000 mating cycles
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 | S1 | S3 | e |
|---|---|---|---|---|---|---|---|---|
| mm. | 10 | 12.5 | 7 | 18.5 | 1.2 | 8.2 | 11 | M9x0.6 |
| in. | 0,39 | 0,49 | 0,28 | 0,73 | 0,05 | 0,32 | 0,43 | |

## RECOMMENDED BY LEMO

### Tools

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## Cables

| | | | |
|---|---|---|---|
| CMN.04.T28.031PGCE | PVC | GREY |  |
| CMN.04.T28.031PGZE | | Grey |  |
| CMN.04.T28.031PNCE | PVC | Black |  |
| CMN.04.T28.031PNZE | | |  |
| CMN.04.T28.031QGC | TPR | Grey | |
| 140250 | PVC | Grey |  |
| 40080 | PVC | Black | |
| 40086 | PVC | Blue | |
| 40140 | PVC | Black |  |
| 40240 | PTFE | White |  |
| 40260 | PVC | Black |  |
| 4041 | PVC | Grey |  |
| 4050 | PVC | Black |  |
| 4080 | PVC | Grey | |
| 417920 | PVC | Grey |  |
| 4260 | PTFE | White |  |
| 4280 | PVC | Black |  |
| 80080 | PVC | Grey | |
| 80082 | PVC | Red | |
| 80084 | PVC | Black | |
| CTR.75.030.121870G | PVC | Grey |  |

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