

# PSA.2E.302.CLLC55

### SUMMARY

#### # Wires

Low voltage



Image is for illustrative purpose only

| Series           | 2E                |
|------------------|-------------------|
| Termination type | Female solder     |
| IP rating        | 68                |
| AWG wire size    | 24.00 - 16.00     |
| Cable Ø          | 5.10 - 5.50 mm    |
| Status           | active            |
| Matching parts   | FFA.2E.302.CLAC55 |

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## **TECHNICAL DETAILS**

#### **Mechanics**

|   | Shell Style/Model | PSA*: Fixed receptacle, nut fixing, cable collet  |
|---|-------------------|---|
|   | 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            | 61.10 g   |
| Ρ | erformance        |   |
|   | Configuration     | 2E.302 : 2 Low Voltage  |
|   | Insulator         | L: PEEK (UL 94 / V-0/1.5)   |
|   | Rated Current     | 20 Amps   |
|   |                   |   |
|   |                   |   |

### **Specifications**

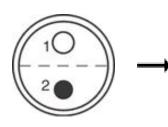
Contact Type: Solder Contact Dia.: 1.6 mm (0.063in) Bucket Dia.: 1.4 mm (0.055in) Max. Solid Conductor: 1 mm^2 (AWG 16) Max. Stranded Conductor: 1 mm^2 (AWG 18) R (max): 3.5 mOhm Vtest: 1700 V (AC), 2400 V (DC)

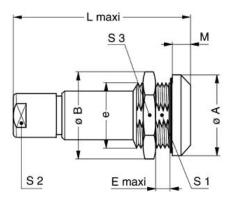
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### Others

Endurance (Shell): 5000 mating cycles Temp (min / max): -55°C / +200°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): 95 dB (10 MHz) Shielding (min): 80 dB (1 GHz) Salt Spray Corrosion: >1000 hr

### DRAWINGS







#### Dimensions

|     | А    | В    | E    | L    | Μ    | S1   | S2   | \$3  | e       |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 25   | 27.5 | 9    | 54   | 5    | 18.5 | 12   | 24   | M20x1.0 |
| in. | 0,98 | 1,08 | 0,35 | 2,13 | 0,20 | 0,73 | 0,47 | 0,94 |         |

### **RECOMMENDED BY LEMO**

#### Tools

Spanner wrench:

DCD.2E.020.PA120

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### Cables

| 120184 | PVC | Black |   |
|--------|-----|-------|---|
| 120500 | PVC | Grey  | - |
| 120751 | PVC | Grey  |   |

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