

SUMMARY



Image is for illustrative purpose only

Wires

| | |
|---------|---|
| Low | 2 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

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| | |
|------------------|-------------------|
| Series | 1S |
| Termination type | Female crimp |
| IP rating | 50 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | FFA.1S.302.CYCK77 |
| Status | active |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | ERA*: Fixed receptacle, nut fixing |
| Keying | |
| Housing Material | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing | ∅ 0 - 0 mm |
| Variant | |
| Weight | 9.77 g |

Performance

| | |
|---------------|----------------------------|
| Configuration | 1S.302 : 2 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated Current | 15 Amps |

Specifications

Contact Type: Crimp
Vtest: 1200 V (AC), 1800 V (DC)

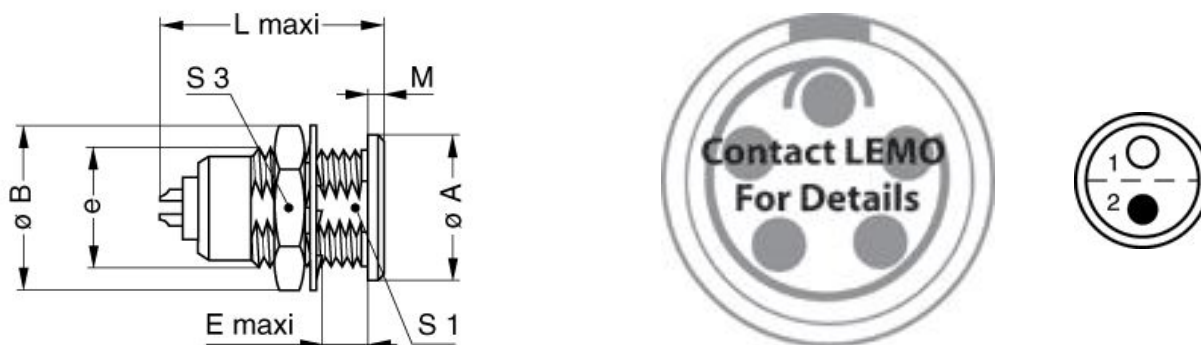
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Others

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]
Salt Spray Corrosion: >1000 hr
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
IP Rating: 50

DRAWINGS

Draws



Dimensions

| | A | B | E | L | L1 | M | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 14 | 16 | 7.5 | 21 | 20.5 | 1.5 | 10.5 | 14 | M12x1.0 |
| in. | 0,55 | 0,63 | 0,30 | 0,83 | 0,81 | 0,06 | 0,41 | 0,55 | |

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
Crimp settings: AWG/Selector = 18-20/8-7

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Positionner: DCE.91.131.BVM
Extractor: DCF.91.131.2LT
Replacement contact: FGG.1B.565.ZZC / EGG.1B.665.ZZM

Cables

| | | | |
|-------------------|-----|-------|--|
| CCX.50.RG1.74U30B | TFE | White | |
|-------------------|-----|-------|--|

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