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FFA.3S.303.CLAL52

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series 3S

Termination type Male solder

IP rating 50

AWG wire size 22.00 - 14.00

Cable Ø 4.30 - 5.70 mm

Status active

Matching parts ERA.3S.303.CLL

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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 54.65 g

Performance

Configuration 3S.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

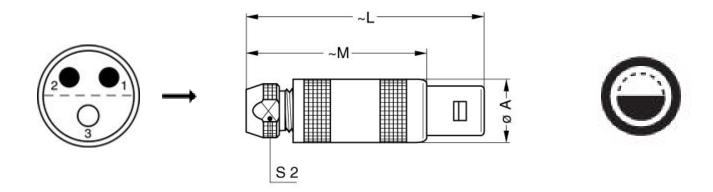
Endurance (Shell): 5000 mating cycles Temp (min / max): -55°C / +250°C

Humidity (max): <=95% [at 60 deg C /140 F]

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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: >144 hr

DRAWINGS



Dimensions

| | А | L | M | S2 |
|-----|------|------|------|------|
| mm. | 17.8 | 61 | 46 | 14 |
| in. | 0,70 | 2,40 | 1,81 | 0,55 |

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCP.91.023.TN

Cables

| CMN.03.T18.055PGZE | Grey | - |
|--------------------|------|---|
| CMN.03.T18.055PNZE | | = |

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| CMN.03.T18.055QGZE | TPR (medical) | Grey | - |
|--------------------|---------------|-------|---|
| CMN.03.T20.049PGZE | | Grey | - |
| CMN.03.T20.049PNZE | | | - |
| 130240 | PVC | Black | |
| 130250 | PVC | Grey | - |
| 230500 | PVC | Grey | - |
| 30260 | PVC | Black | |
| 3220 | PVC | Black | |
| 60080 | PVC | Grey | |

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