

SUMMARY

Wires

Low voltage 14



Image is for illustrative purpose only

Series 3S
Termination type Female solder
IP rating 50
AWG wire size 30.00 - 22.00
Cable Ø 4.30 - 5.70 mm
Status active
Matching parts [FFA.3S.314.CLAC52](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PCA*: Free receptacle, 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

Performance

Configuration 3S.314 : 14 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 7 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.9 mm (0.0354in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm² (AWG 22)
R (max): 4.8 mOhm
Vtest: 1500 V (AC), 2100 V (DC)

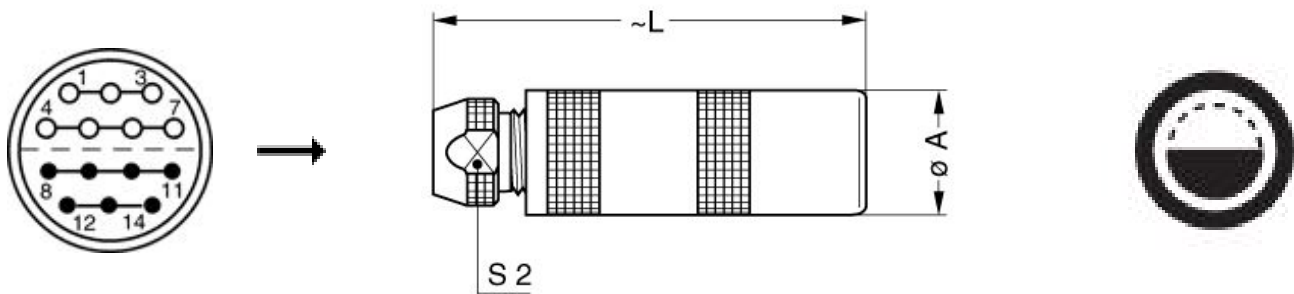
Others

Endurance (Shell): 5000 mating cycles

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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: >144 hr

DRAWINGS



Dimensions

| | A | L | S2 |
|-----|------|------|------|
| mm. | 17.8 | 59 | 14 |
| in. | 0,70 | 2,32 | 0,55 |



RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCP.91.023.TN](#)

Cables

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| | | | |
|--------------------|---------------|-------|---|
| CMN.14.T28.056PGZE | | Grey |  |
| CMN.14.T28.056PNZE | | |  |
| CMN.14.T28.056QGZE | TPR (medical) | Grey |  |
| 114260 | PTFE | White |  |

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