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FGG.3B.318.CLAD72

SUMMARY

Wires

Low voltage 18



Image is for illustrative purpose only

Series 3B
 Termination type Male solder
 IP rating 50
 AWG wire size 32.00 - 22.00
 Cable Ø 6.30 - 7.70 mm
 Status active
 Matching parts [EGG.3B.318.CLL](#)

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[See video assembly instructions](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug, cable collet
 Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
 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 47.66 g

Performance

Configuration 3B.318 : 18 Low Voltage
 Insulator L: PEEK (UL 94 / V-0/1.5)
 Rated Current 7 Amps

Specifications

Contact Type: Solder
 Contact Dia.: 0.9 mm (0.035in)
 Bucket Dia.: 0.8 mm (0.031in)
 Max. Solid Conductor: 0.34 mm² (AWG 22)
 Max. Stranded Conductor: 0.34 mm² (AWG 22)
 R (max): 4.8 mOhm
 Vtest (contact-shell): 1050 V (AC), 1490 V (DC)
 Vtest (contact-contact): 1200 V (AC), 1700 V (DC)

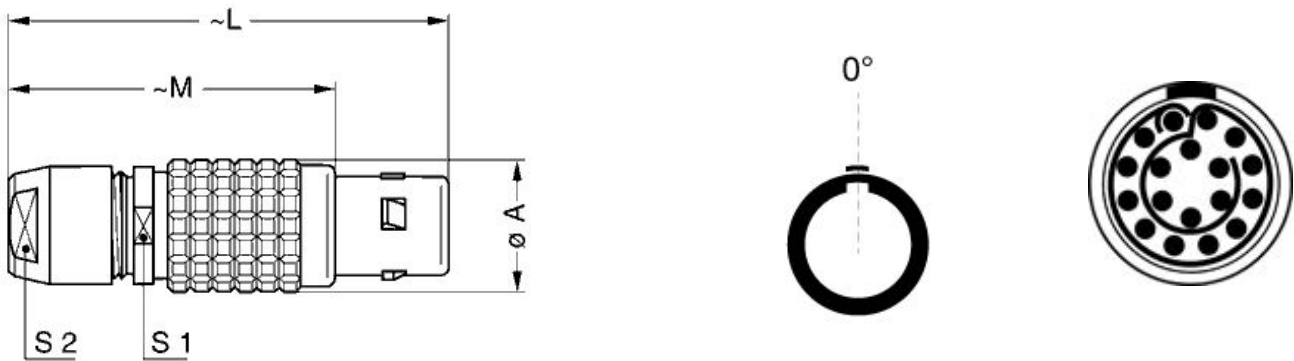
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Others

Endurance (Shell): 5000
 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

Draws



Dimensions

	A	L	M	S1	S2
mm.	18	58	43	15	14
in.	0,71	2,28	1,69	0,59	0,55

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.3B.040.PA140](#)

Caps: [BFG.3B.100.PCSG](#)

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