

SUMMARY

Wires

Low voltage 14



Image is for illustrative purpose only

Series	1B
Termination type	Male solder
IP rating	54
AWG wire size	34.00 - 28.00
Cable Ø	6.30 - 7.20 mm
Status	active
Matching parts	EGG.1B.314.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FE*: Straight plug, cable collet, front seal and nut for fitting a bend relief (IP 54 when mated)
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
Variant	Z : Nut for fitting a bend relief
Weight	19.28 g

Performance

Configuration	1B.314 : 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2 Amps

Specifications

Contact Type: Solder
 Contact Dia.: 0.5 mm (0.02in)
 Bucket Dia.: 0.45 mm (0.018in)
 Max. Solid Conductor: 0.09 mm² (AWG 28)
 Max. Stranded Conductor: 0.09 mm² (AWG 28)

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R (max): 8.7 mOhm

Vtest (contact-shell): 1200 V (AC), 1700 V (DC)

Vtest (contact-contact): 800 V (AC), 1130 V (DC)

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]

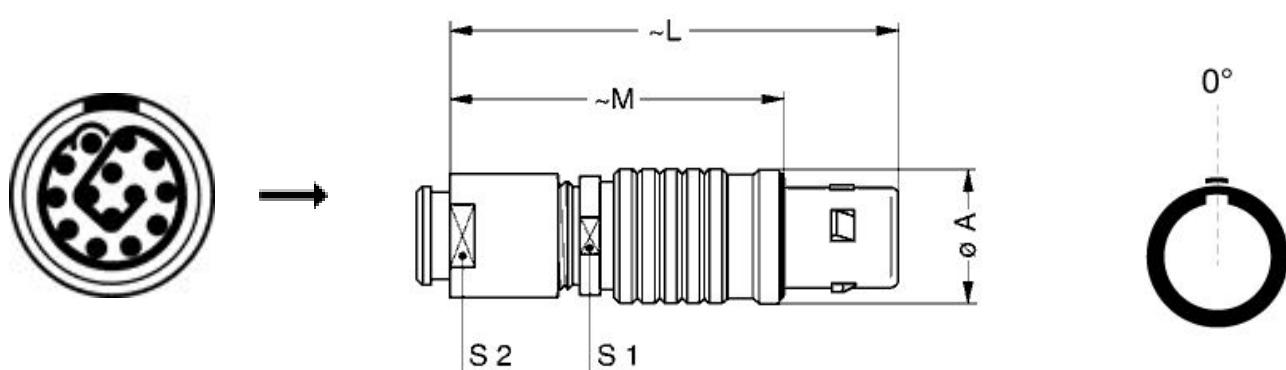
Climatical Category: 50/175/21

Shielding (min): 75 dB (10 MHz)

Shielding (min): 40 dB (1 GHz)

Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S1	S2
mm.	13.5	42	33	10	9
in.	0,53	1,65	1,30	0,39	0,35

RECOMMENDED BY LEMO

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Tools

Spanner wrench: [DCD.1B.015.PA090](#)

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