

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series 4K
Termination type Female solder
IP rating 68
AWG wire size 22.00 - 14.00
Cable Ø 12.10 - 12.80 mm
Status active
Matching parts [EGL.4K.306.CLA](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying 2 keys (gamma=75, plug: female contacts, receptacle: male 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 144.83 g

Performance

Configuration 4K.306 : 6 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 24 Amps

Specifications

Contact Type: Solder
Contact Dia.: 2 mm (0.079in)
Bucket Dia.: 1.8 mm (0.071in)
Max. Solid Conductor: 1.5 mm² (AWG 14)
Max. Stranded Conductor: 1.5 mm² (AWG 16)
R (max): 3.3 mOhm

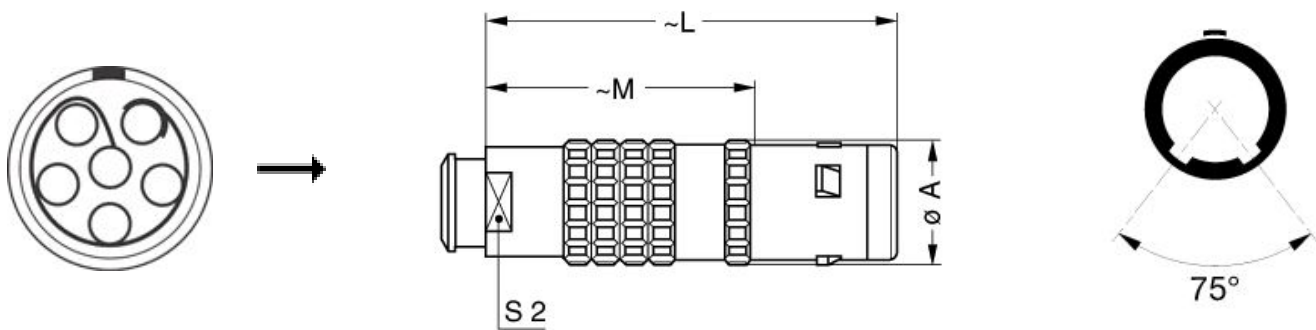
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Vtest (contact-shell): 1750 V (AC), 2500 V (DC)
Vtest (contact-contact): 2000 V (AC), 2850 V (DC)

Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +200°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): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S2
mm.	25	71	50.5	19
in.	0,98	2,80	1,99	0,75

RECOMMENDED BY LEMO

Tools

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Spanner wrench: [DCD.4E.050.PA190](#)

Cables

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