

SUMMARY

Wires

Low voltage 24



Image is for illustrative purpose only

Series 3K
Termination type Female solder
IP rating 68
AWG wire size 30.00 - 22.00
Cable Ø 9.60 - 10.00 mm
Status active
Matching parts [EGL.3K.324.CLA](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug, cable collet
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
Weight 68.24 g

Performance

Configuration 3K.324 : 24 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 4 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.7 mm (0.028in)
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): 6.1 mOhm
Vtest (contact-shell): 800 V (AC), 1130 V (DC)
Vtest (contact-contact): 950 V (AC), 1340 V (DC)

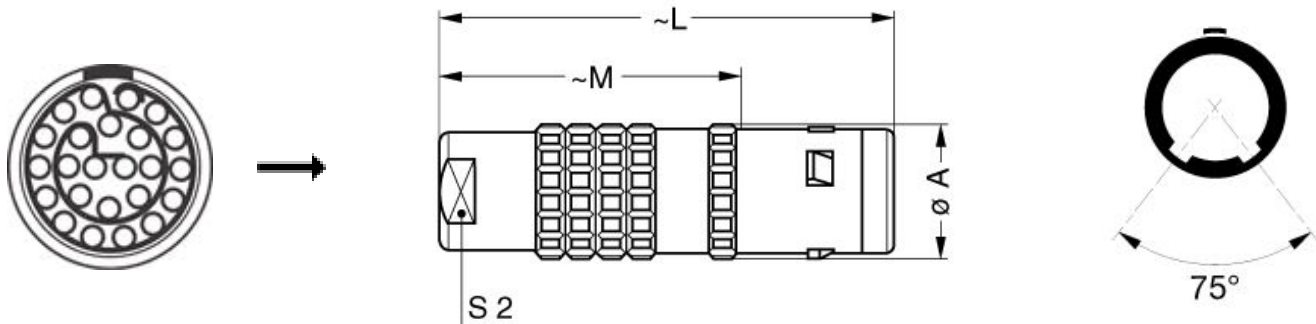
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Others

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.	19	61	41	15
in.	0,75	2,40	1,61	0,59

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Tools

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Spanner wrench:

[DCD.3E.030.PA150](#)

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