

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series	OK
Termination type	Female solder
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	4.60 - 5.00 mm
Status	active
Alternative part	FGL.0K.305.CLLK50Z
Matching parts	EGL.0K.305.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	12.35 g

Performance

Configuration	OK.305 : 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	6.5 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

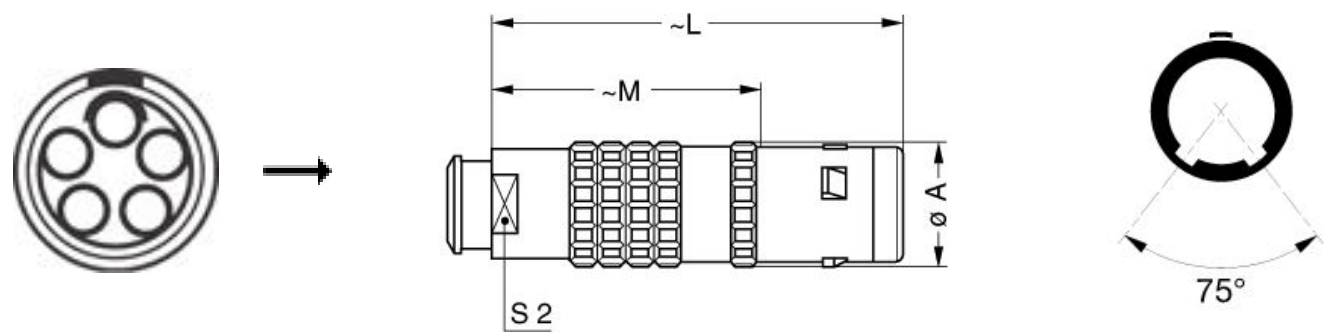
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Vtest (contact-shell): 700 V (AC), 990 V (DC)
Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

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.	11	34	23	7
in.	0,43	1,34	0,91	0,28


RECOMMENDED BY LEMO

Tools

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Spanner wrench: [DCD.OE.007.PA070](#)

Cables

50140	PVC	Grey	
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