

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series	OK
Termination type	Male crimp
IP rating	68
AWG wire size	32.00 - 28.00
Cable Ø	3.60 - 4.00 mm
Status	active
Matching parts	EGG.0K.306.CYM

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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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Weight	14.85 g

Performance

Configuration	OK.306 : 6 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	2.5 Amps

Specifications

Contact Type: Crimp
Contact Retention: 12 N
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.45 mm (0.018in)
Min. Conductor: 0.035 mm ² (AWG 32)
Max. Conductor: 0.09 mm ² (AWG 28)
R (max): 8.7 mOhm
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
Vtest (contact-contact): 1400 V (AC), 1980 V (DC)

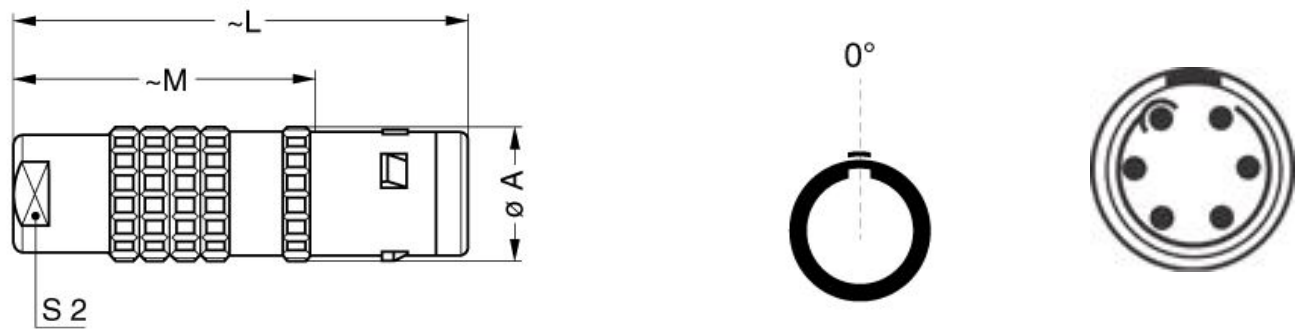
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Others

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

Draws



Dimensions

	A	L	M	S2
mm.	11	34	23	8
in.	0.43	1.34	0.91	0.31

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 28-30-32/4-3-3

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Positionner:	<u>DCE.91.050.BVC</u>
Extractor:	<u>DCF.91.050.2LT</u>
Replacement contact:	FGG.0B.554.ZZC
Spanner wrench:	<u>DCD.0E.007.PA080</u>
Caps:	<u>BFG.0K.100.NAS</u>

Cables

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