

## SUMMARY

### # Wires

Low voltage 6



*Image is for illustrative purpose only*

Series	OK
Termination type	Male crimp
IP rating	68 mated (mating interface)
AWG wire size	32.00 - 28.00
Cable Ø	3.60 - 4.00 mm
Status	active
Matching parts	<a href="#">EGG.0K.306.CYM</a>

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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 [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass 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 <sup>2</sup> (AWG 32)
Max. Conductor: 0.09 mm <sup>2</sup> (AWG 28)
R (max): 8.7 mOhm
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)

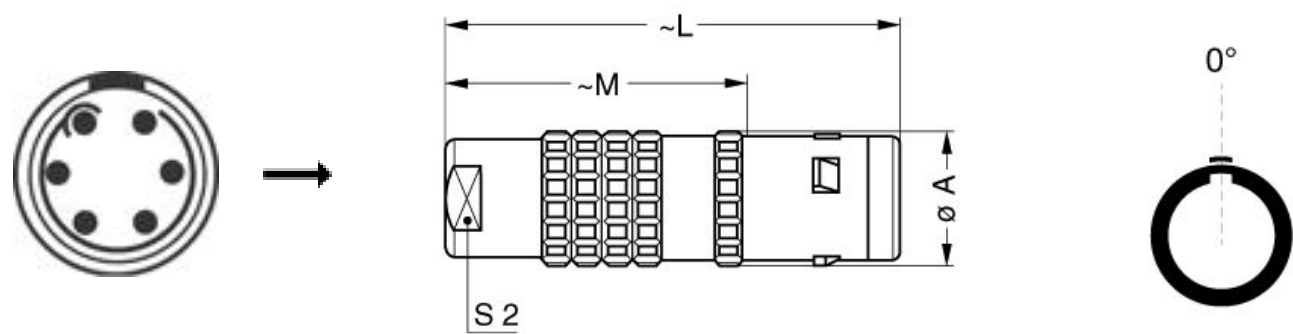
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Vtest (contact-contact): 1400 V (AC), 1980 V (DC)

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	8
in.	0,43	1,34	0,91	0,31

RECOMMENDED BY LEMO

Tools

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Crimp Tool:	<a href="#">DPC.91.701.V</a>
Crimp settings:	AWG/Selector = 28-30-32/4-3-3
Positionner:	<a href="#">DCE.91.050.BVC</a>
Extractor:	<a href="#">DCC.05.02B.LAG</a>
Replacement contact:	FGG.0B.554.ZZC
Spanner wrench:	<a href="#">DCD.0E.ZZZ.PA080</a>
Caps:	<a href="#">BFG.0K.100.NAS</a>

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