

## SUMMARY

### # Wires

Low voltage 7



*Image is for illustrative purpose only*

Series	4K
Termination type	Male crimp
IP rating	68
AWG wire size	16.00 - 12.00
Cable Ø	13.60 - 14.00 mm
Status	active
Matching parts	<a href="#">EGG.4K.307.SYM</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	Stainless steel shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	129.43 g

### Performance

Configuration	4K.307 : 7 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	20 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 65 N  
Contact Dia.: 2 mm (0.079in)  
Bucket Dia.: 2.4 mm (0.094in)  
Min. Conductor: 1.5 mm<sup>2</sup> (AWG 16)  
Max. Conductor: 2.5 mm<sup>2</sup> (AWG 12)  
R (max): 3.3 mOhm  
Vtest (contact-shell): 1350 V (AC), 1910 V (DC)

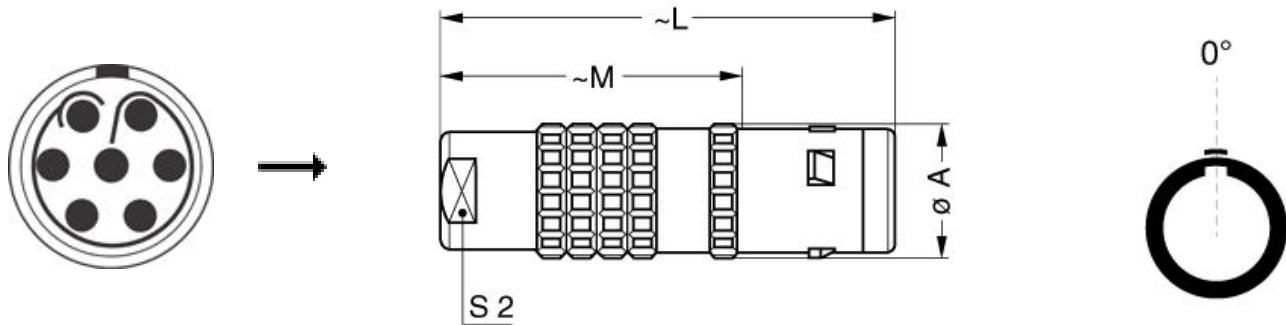
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Vtest (contact-contact): 1500 V (AC), 2150 V (DC)

## 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)

## 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

Crimp Tool: [DPC.91.101.A](#)

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Crimp settings: AWG/Selector = 12-14-16/8-7-6  
Positionner: [DCE.91.204.BVCM](#)  
Extractor: [DCC.91.202.5LA](#)  
Replacement contact: FGG.4B.575.ZZC  
Spanner wrench: [DCD.4E.050.PA190](#)  
Caps: [BFG.4K.100.NAS](#)

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