

## SUMMARY

### # Wires

Low	6
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	4K
Termination type	Female solder
IP rating	68
Cable Ø	12.10 - 12.80 mm
Matching parts	EGL.4K.306.CLA
Status	active
Alternative part	

## 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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	C12: 12.1 - 12.8 mm
Variant	Z : Nut for fitting a bend relief
Weight	144.83 g

### Performance

Configuration	4K.306 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	24 Amps

### Specifications

Contact Type: Solder  
Max. Matings: 5000

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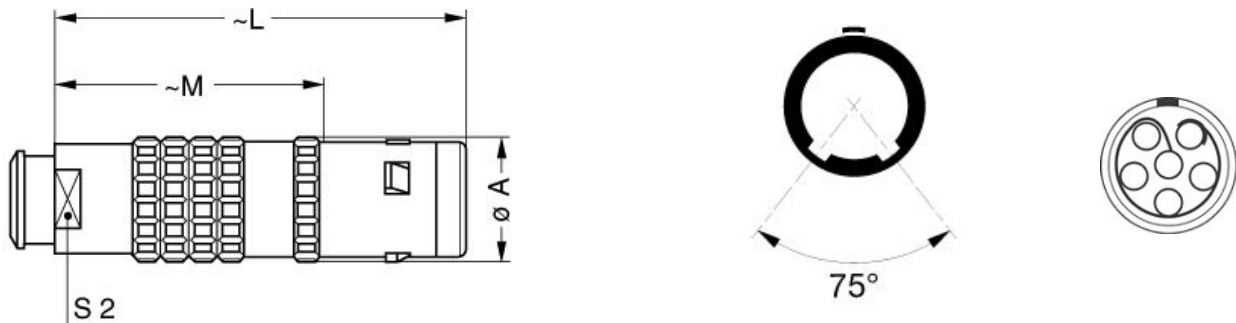
Contact Dia.: 2 mm (0.079in)  
 Bucket Dia.: 1.8 mm (0.071in)  
 Max. Solid Conductor: 1.5 mm<sup>2</sup> (AWG 14)  
 Max. Stranded Conductor: 1.5 mm<sup>2</sup> (AWG 16)  
 R (max): 3.3 mOhm  
 Vtest (contact-shell): 1750 V (AC), 2500 V (DC)  
 Vtest (contact-contact): 2000 V (AC), 2850 V (DC)

## 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]  
 Salt Spray Corrosion: >1000 hr  
 Climatical Category: 50/175/21  
 Shielding (min): 95 dB (10 MHz)  
 Shielding (min): 80 dB (1 GHz)  
 IP Rating: 68

## DRAWINGS

### Draws



### Dimensions

	A	L	M	S2
mm.	25	71	50.5	19
in.	0,98	2,80	1,99	0,75

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# RECOMMENDED BY LEMO

## Tools

Spanner wrench: DCD.4E.050.PA190

## Cables

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