

## SUMMARY

### # Wires

Low voltage 3



Image is for illustrative purpose only

Series	2K
Termination type	Male solder
IP rating	68
AWG wire size	24.00 - 16.00
Cable Ø	8.10 - 8.50 mm
Status	obsolete
Alternative part	<a href="#">FPG.2K.303.CLAC85Z</a>
Matching parts	<a href="#">EGG.2K.303.CLL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FH*: Elbow plug, cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0, plug: male contacts, receptacle: female 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	60.90 g

### Performance

Configuration	2K.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	17 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 1.6 mm (0.063in)  
Bucket Dia.: 1.4 mm (0.055in)  
Max. Solid Conductor: 1 mm<sup>2</sup> (AWG 16)  
Max. Stranded Conductor: 1 mm<sup>2</sup> (AWG 18)  
R (max): 3.5 mOhm

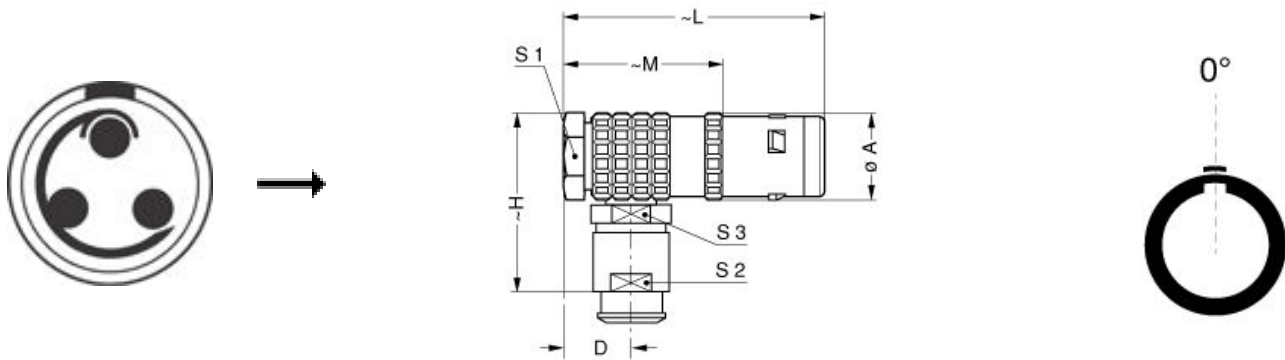
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Vtest (contact-shell): 1850 V (AC), 2600 V (DC)  
 Vtest (contact-contact): 2400 V (AC), 3390 V (DC)

## 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	D	L	M	S1	S2	S3
mm.	17.5	10.5	51	35	15	12	13
in.	0,69	0,41	2,01	1,38	0,59	0,47	0,51

## RECOMMENDED BY LEMO

### Tools

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Spanner wrench:

[DCD.2E.020.PA120](#)

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