

## SUMMARY

### # Wires

Low voltage	18
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*Image is for illustrative purpose only*

Series	2K
Termination type	Male solder
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	8.10 - 8.50 mm
Status	<b>obsolete</b>
Alternative part	<a href="#">FPG.2K.318.CLAC85</a>
Matching parts	<a href="#">EGG.2K.318.CLL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FH*: Elbow plug, cable collet
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
Weight	61.60 g

### Performance

Configuration	2K.318 : 18 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	5.5 Amps

### Specifications

Contact Type:	Solder
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Stranded Conductor:	0.34 mm <sup>2</sup> (AWG 22)
Max. Conductor:	0.34 mm <sup>2</sup> (AWG 22)
R (max):	6.1 mOhm
Vtest (contact-shell):	1200 V (AC), 1700 V (DC)
Vtest (contact-contact):	850 V (AC), 1200 V (DC)

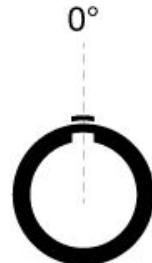
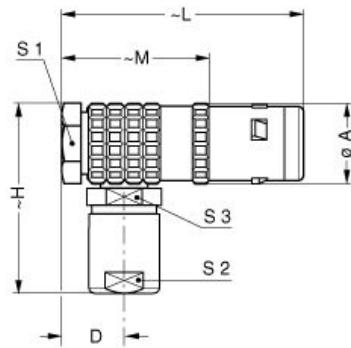
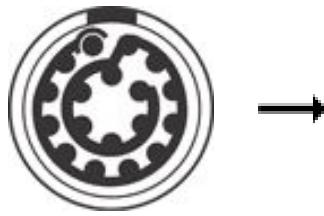
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## Others

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

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## DRAWINGS



## Dimensions

	A	D	H	L	M	S1	S2	S3
mm.	17.5	10.5	40	51	35	15	12	13
in.	0,69	0,41	1,57	2,01	1,38	0,59	0,47	0,51

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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.2E.020.PA120](#)

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## Cables

218240	PVC	Black	
318250	PVC	Grey	

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