

## SUMMARY

### # Wires

Low voltage	18
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*Image is for illustrative purpose only*

Series	2K
Termination type	Male crimp
IP rating	68
AWG wire size	26.00 - 22.00
Cable Ø	8.10 - 8.50 mm
Status	<b>obsolete</b>
Alternative part	<a href="#">FPG.2K.318.CYCC85</a>
Matching parts	<a href="#">EGG.2K.318.CYM</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	62.23 g

### Performance

Configuration	2K.318 : 18 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	5.5 Amps

### Specifications

Contact Type:	Crimp
Contact Retention:	22 N
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.8 mm (0.031in)
Min. Conductor:	0.14 mm <sup>2</sup> (AWG 26)
Max. Conductor:	0.34 mm <sup>2</sup> (AWG 22)
R (max):	6.1 mOhm
Vtest (contact-shell):	2100 V (AC), 2970 V (DC)

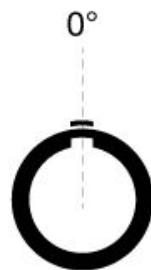
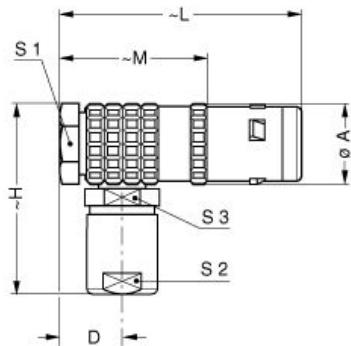
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Vtest (contact-contact): 1450 V (AC), 2050 V (DC)

## 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	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

## RECOMMENDED BY LEMO

### Tools

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Crimp Tool: [DPC.91.701.V](#)  
Crimp settings: AWG/Selector = 22-24-26/6-5-5  
Positionner: [DCE.91.072.BVC](#)  
Extractor: [DCF.91.070.2LT](#)  
Replacement contact: FGG.2B.555.ZZC  
Spanner wrench: [DCD.2E.020.PA120](#)

## Cables

218240	PVC	Black	
318250	PVC	Grey	

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