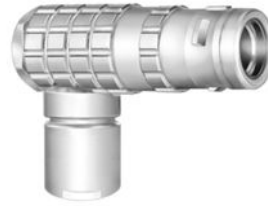


## SUMMARY

### # Wires

Low voltage 7



*Image is for illustrative purpose only*

Series	OK
Termination type	Male solder
IP rating	68
AWG wire size	34.00 - 28.00
Cable Ø	3.10 - 3.50 mm
Status	obsolete
Alternative part	<a href="#">FPG.0K.307.CLAC35</a>
Matching parts	<a href="#">EGG.0K.307.CLL</a>

### Download

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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	18.01 g

### Performance

Configuration	OK.307 : 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2.5 Amps

### Specifications

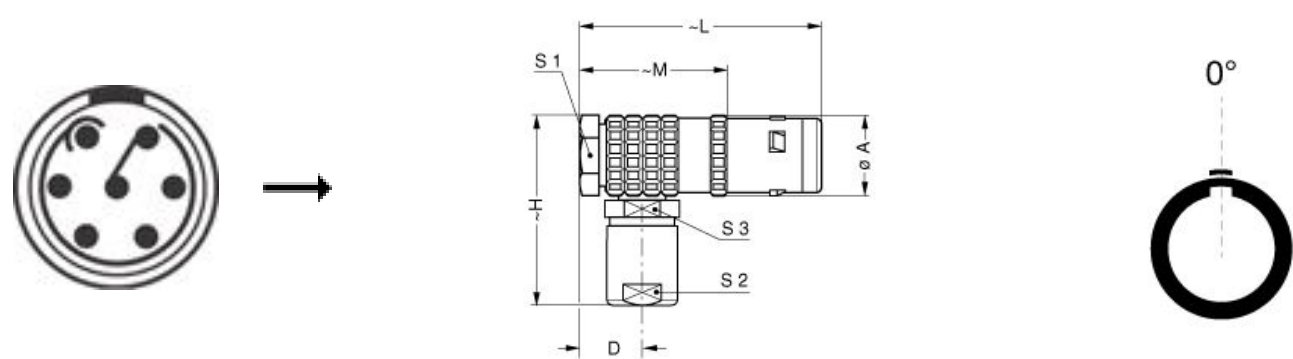
Contact Type:	Solder
Contact Dia.:	0.5 mm (0.02in)
Bucket Dia.:	0.45 mm (0.018in)
Max. Solid Conductor:	0.09 mm <sup>2</sup> (AWG 28)
Max. Stranded Conductor:	0.09 mm <sup>2</sup> (AWG 28)
R (max):	8.7 mOhm
Vtest (contact-shell):	700 V (AC), 990 V (DC)
Vtest (contact-contact):	800 V (AC), 1130 V (DC)

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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

DRAWINGS



Dimensions

	A	D	H	L	M	S1	S2	S3
mm.	11.5	7.6	27	36	25	10	8	8
in.	0,45	0,30	1,06	1,42	0,98	0,39	0,31	0,31

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.OE.007.PA080](#)

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Cables

7041	PVC	Grey	
7050	PVC	Black	

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