

## SUMMARY

### # Wires

Low voltage	3
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*Image is for illustrative purpose only*

Series	0B
Termination type	Male solder
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	3.30 - 4.20 mm
Status	<b>obsolete</b>
Alternative part	<a href="#">FPG.0B.303.CLAD42</a>
Matching parts	<a href="#">EGG.0B.303.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	12.79 g

### Performance

Configuration	0B.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

### Specifications

Contact Type:	Solder
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	1.0 mm (0.039in)
Max. Solid Conductor:	0.56 mm <sup>2</sup> (AWG 20)
Max. Stranded Conductor:	0.56 mm <sup>2</sup> (AWG 20)
R (max):	4.8 mOhm
Vtest (contact-shell):	900 V (AC), 1270 V (DC)
Vtest (contact-contact):	1200 V (AC), 1700 V (DC)

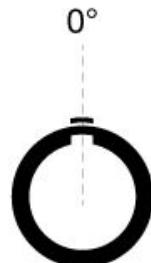
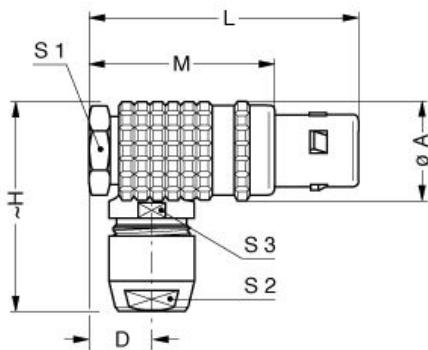
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## Others

Endurance (Shell): 5000  
Temp (min / max): -55°C / +250°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): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr

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## DRAWINGS



## Dimensions

	A	D	H	L	M	S1	S2	S3
mm.	11	6.5	26	29.8	19.8	9	7	8
in.	0,43	0,26	1,02	1,17	0,78	0,35	0,28	0,31

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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.0B.005.PA070](#)

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## Cables

30110	PVC	Grey	
3280	PVC	Black	

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