

## SUMMARY

### # Wires

Low	3
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	0B
Termination type	Male solder
IP rating	50
Cable Ø	2.30 - 3.20 mm
Matching parts	EGG.0B.303.CLL



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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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	D31: 2.3 - 3.2 mm
Variant	

### Performance

Configuration	0B.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	8 Amps

### Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Solid Conductor:	0.34 mm <sup>2</sup> (AWG 22)
Max. Stranded Conductor:	0.34 mm <sup>2</sup> (AWG 22)
R (max):	4.8 mOhm
Vtest (contact-shell):	1600 V (AC), 2250 V (DC)

Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

## 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]  
Salt Spray Corrosion: >1000 hr  
Climatical Category: 50/175/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
IP Rating: 50

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## DRAWINGS

### Draws



### Dimensions

	A	D	H	L	M	S1	S2	S3
mm.	11	6.5	26	31.6	21.6	10	7	8
in.	0,43	0,26	1,02	1,24	0,85	0,39	0,28	0,31








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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: MTZ.OB.045.070

### Cables

CMN.03.T28.031PGCE	PVC	GREY	
CMN.03.T28.031PGZE		Grey	
CMN.03.T28.031PNCE	PVC	Black	
CMN.03.T28.031PNZE			
003 041	PVC	Grey	
003 050	PVC	Black	
003 081	PVC	Black	
030 141	PVC	Grey	

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