

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low	7
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

### Download

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- [Catalog](#)

Series	1B
Termination type	Female print PCB
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FGG.1B.307.CLAD35
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	HG*: Fixed receptacle, nut fixing, watertight or vacuum-tight
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	∅ 0 - 0 mm
Variant	P : Watertight
Weight	13.62 g

### Performance

Configuration	1B.307 : 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	7 Amps

### Specifications

Contact Type: Print (straight)  
Max. Matings: 5000

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Contact Dia.: 0.7 mm (0.028in)  
 R (max): 6.1 mOhm  
 Vtest (contact-shell): 1050 V (AC), 1490 V (DC)  
 Vtest (contact-contact): 950 V (AC), 1340 V (DC)

## Others

Temp (min / max): -20° C / +80° 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: >144 hr  
 Climatological Category: 20/80/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 Pressure: 60 bars  
 IP Rating: 68

## DRAWINGS

### Draws



### Dimensions

	A	B	E	L	M	S1	S3	e
mm.	18	16	7	26.6	4.5	10.5	14	M12x1.0
in.	0,71	0,63	0,28	1,05	0,18	0,41	0,55	

## RECOMMENDED BY LEMO

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## Tools

None

## Cables

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