

## Excellent Integrated System Limited

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For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

# HEA.0B.309.CLNPV

## SUMMARY

### # Wires

Low	9
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



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Series	0B
Termination type	Female print PCB
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	xxx

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	HE*: Fixed receptacle, nut fixing, watertight or vacuum-tight (back panel mounting)
Keying	2 keys (alpha=30, 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	PV : Watertight / Vacuum-tested

### Performance

Configuration	0B.309 : 9 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	2 Amps

### Specifications

Contact Type: Print (straight)
Max. Matings: 5000
Contact Dia.: 0.5 mm (0.02in)
R (max): 8.7 mOhm
Vtest (contact-shell): 500 V (AC), 710 V (DC)
Vtest (contact-contact): 600 V (AC), 850 V (DC)

### Others

Temp (min / max): -20° C / +100° 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  
 Climatcal Category: 20/80/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 R leak (He) (max): 0.0000001 mbar\*l/s (if vacuum-tested)  
 Pressure: 60 bars  
 IP Rating: 68

## DRAWINGS

Draws



Dimensions

	A	B	E	L	M	P	S1	e
mm.	12	13	5.5	19.5	2.5	9.0	8.2	M9x0.6
in.	0,47	0,51	0,22	0,77	0,10	0,35	0,32	

## RECOMMENDED BY LEMO

Tools

None

Cables