

SUMMARY

Wires

Low	4
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	0B
Termination type	Female print PCB
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FGG.0B.304.CLAD21
Status	active
Alternative part	



Image is for illustrative purpose only

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	HE*: Fixed receptacle, nut fixing, watertight or vacuum-tight (back panel mounting)
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	PV : Watertight / Vacuum-tested
Weight	5.63 g

Performance

Configuration	0B.304 : 4 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-contact): 850 V (AC), 1200 V (DC)
 Vtest (contact-shell): 700 V (AC), 990 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
 Climatical 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

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Tools

None

Cables

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