

www.lemo.com

HGG.1B.305.CLNP

SUMMARY

Wires

 Low
 5

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0

Series 1B

Termination type Female print PCB

IP rating 68

 Cable Ø
 0.00 - 0.00 mm

 Matching parts
 FGG.1B.305.CLAD42

Status active

Alternative part



Image is for illustrative purpose only

Download

Catalog

Request a quote
PCB Eagle Pattern

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 13.48 g

Performance

Configuration 1B.305 : 5 Low Voltage

Insulator L: PEEK (UL 94 / V-0/3.2, depends on material thickness)

Rated Current 9 Amps

Specifications

Contact Type: Print (straight)

Max. Matings: 5000

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Contact Dia.: 0.9 mm (0.035in)

R (max): 4.8 mOhm

Vtest (contact-shell): 1150 V (AC), 1630 V (DC) Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

Others

Temp (min / max): -20° C / $+80^{\circ}$ C

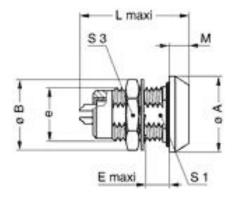
Humidity (max): $\leq 95\%$ [at 60 deg C /140 F]

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)

Pressure: 60 bars IP Rating: 68

DRAWINGS

Draws







Dimensions

	А	В	E	L	М	S1	S 3	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

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Too	ls
-----	----

None

Cables

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.