

Standard



Image for illustrative purpose only

## Summary

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[unipole multipole](#)

[Customer Drawing](#)

|                                |                                                |
|--------------------------------|------------------------------------------------|
| Number of contacts Low Voltage | 5                                              |
| Gender                         | Standard                                       |
| Socket / Receptacle            | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system                 | Push-pull                                      |
| Size                           | 00                                             |
| Series                         | B - Indoor keyed                               |

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/eeg-00-305-cln.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/eeg-00-305-cln.html)

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# Technical details

## Electrical Configuration

|                                    |                           |
|------------------------------------|---------------------------|
| Number of contacts Low Voltage     | 5                         |
| Contact Termination Low voltage    | PCB - Straight            |
| Insert configuration value         | 0.305 - 5 Low Voltage     |
| Footprint IPC Class3 compatibility | No                        |
| Insulator                          | L: PEEK (UL 94 / V-0/1.5) |
| Rated current                      | 1.7 A                     |
| Vtest (contact-contact)            | 1.1 kV (DC)               |
| Vtest (contact-shell)              | 1.4 kV (DC)               |
| Contact Dia.                       | 0.35                      |
| Gender                             | Standard                  |

## Form & Material

|                        |                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell style / Model id | EE - Fixed receptacle, nut fixing (back panel mounting)                                                                       |
| Socket / Receptacle    | Fixed Panel Rear Mounted                                                                                                      |
| Housing material       | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Locking system         | Push-pull                                                                                                                     |
| Keying                 | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)                                                          |
| Colour                 | Grey                                                                                                                          |
| Weight                 | 2.98 g                                                                                                                        |

## Environment

|                                   |                                                                   |
|-----------------------------------|-------------------------------------------------------------------|
| Environmental sealing (IP rating) | IP50                                                              |
| Temperature range                 | -55°C / +250°C (max. temperature valid for short periods of use.) |
| Climatic Category                 | 55/175/21                                                         |
| Humidity (max)                    | <=95% [at 60 deg C /140 F]                                        |
| Shielding (min)                   | 75 dB (10 MHz)                                                    |
| Shielding (min)                   | 40 dB (1 GHz)                                                     |
| Shock Resistance                  | 100 g [ 6 ms]                                                     |
| Vibration                         | 15 g [10 Hz - 2000 Hz]                                            |
| Salt Spray Corrosion              | >1000 hr                                                          |

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## Cable fixation

Panel Drill Hole

M7

# Recommended By Lemo

## Accessories

Compatible cap

[BRE.00.200.NAS](#)

## Tools

Spanner 2

[DCM.65.088.AZ4](#)

Spanner wrench

[Socket for torque wrench DCM.00.M07.4](#)

# CAD

## Documents

PCB

[Download](#)

PCB Eagle

[Download](#)

Kicad

[Download](#)

PCB Altium

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