

**Special***Image for illustrative purpose only*

## Summary

[Request a quote](#)[unipole multipole](#)[Customer Drawing](#)

|                                |                                   |
|--------------------------------|-----------------------------------|
| Number of contacts Low Voltage | 4                                 |
| Gender                         | Standard                          |
| Socket / Receptacle            | Socket / Receptacle - Elbow       |
| Locking system                 | Push-pull                         |
| Size                           | 00                                |
| Suggested matching part        | <a href="#">FGG.00.304.CLAD22</a> |
| Series                         | B - Indoor keyed                  |

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/epg-00-304-nln.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/epg-00-304-nln.html)

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# Technical details

## Electrical Configuration

|   |   |
|---|---|
| Number of contacts Low Voltage            | 4                                       |
| Contact Termination Low voltage           | PCB - Straight                          |
| Insert configuration value                | 00.304/EPG - 4 Low Voltage              |
| Footprint IPC Class3 compatibility        | Yes                                     |
| Class3 Productibility Level Compatibility | C (High Design Producibility - Reduced) |
| Insulator                                 | L: PEEK (UL 94 / V-0/1.5)               |
| Rated current                             | 2 A                                     |
| Vtest (contact-contact)                   | 1.1 kV (DC)                             |
| Vtest (contact-shell)                     | 0.9 kV (DC)                             |
| Contact Dia.                              | 0.5                                     |
| Gender                                    | Standard                                |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | EP - Elbow receptacle for printed circuit   |
| Socket / Receptacle    | Elbow   |
| Housing material       | Brass (nickel plated [SAE AMS QQ N 290]) shell, collet nut, latch sleeve and mid pieces |
| Locking system         | Push-pull   |
| Keying                 | G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)                    |
| Colour                 | Grey  |
| Weight                 | 3.85 g  |

## Environment

|                                   |                            |
|-----------------------------------|----------------------------|
| Environmental sealing (IP rating) | IP50                       |
| 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              | >144 hr                    |

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# Recommended By Lemo

| Accessories    |                                |
|----------------|--------------------------------|
| Compatible cap | <a href="#">BRE.00.200.NAS</a> |

## CAD

| Documents  |                          |
|------------|--------------------------|
| PCB        | <a href="#">Download</a> |
| PCB Eagle  | <a href="#">Download</a> |
| Kicad      | <a href="#">Download</a> |
| PCB Altium | <a href="#">Download</a> |