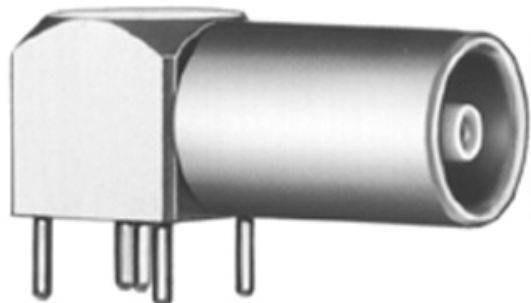


Special



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

[00and01Coaxial en](#)

[Customer Drawing](#)

|                         |                                   |
|-------------------------|-----------------------------------|
| Nb of contacts Coax     | 1                                 |
| Socket / Receptacle     | Socket / Receptacle - Elbow       |
| Locking system          | Push-pull                         |
| Size                    | 00                                |
| Suggested matching part | <a href="#">FFA.00.250.NTAC29</a> |
| Series                  | 00 - NIM-CAMAC                    |

[https://www.lemo.com/int\\_en/solutions/specialties/00-nim-camac/epl-00-250-ntn.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/epl-00-250-ntn.html)

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.

# Technical details

## Electrical Configuration

|   |  |
|---|--|
| Nb of contacts Coax                       | 1  |
| R (max)                                   | 6.1 mOhm                                     |
| Insert configuration value                | 00.25 - 1 Coax (50 Ohm)                      |
| Footprint IPC Class3 compatibility        | Yes  |
| Class3 Productibility Level Compatibility | A (General Design Producibility - Preferred) |
| Insulator                                 | T: PTFE                                      |
| Rated current                             | 4 A  |
| Impedance                                 | 50 Ohms                                      |
| VSWR                                      | 1.09 + 0.11 * f/GHz                          |
| Vtest                                     | 2100 V (AC), 3000 V (DC)                     |
| Test voltage                              | 2.1 kV (rms)                                 |
| Contact Dia.                              | 0.7 mm (0.028in)                             |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | EPL - 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                 | Circular, female  |
| Colour                 | Grey  |
| Weight                 | 4.28 g  |

## Environment

|                                   |   |
|-----------------------------------|---|
| Environmental sealing (IP rating) | IP50  |
| Endurance                         | 5000 mating cycles  |
| Temperature range                 | -55°C / +260°C (max. temperature valid for short periods of use.) |
| F ret (min)                       | 100 N   |
| Salt Spray Corrosion              | >144 hr   |

[https://www.lemo.com/int\\_en/solutions/specialties/00-nim-camac/epl-00-250-ntn.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/epl-00-250-ntn.html)

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.

# Recommended By Lemo

## Caps

---

|                |                                 |
|----------------|---------------------------------|
| Compatible cap | <a href="#">BRE.00.200.NAS</a>  |
| Cap 2          | <a href="#">BRE.00.200.CAS</a>  |
| Plastic Cap    | <a href="#">BRA.00.200.PCSG</a> |
| Soft Cap       | <a href="#">BEZ.00.200.SCN</a>  |

## CAD

### Documents

---

PCB Eagle [Download](#)

[https://www.lemo.com/int\\_en/solutions/specialties/00-nim-camac/epl-00-250-ntn.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/epl-00-250-ntn.html)

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.