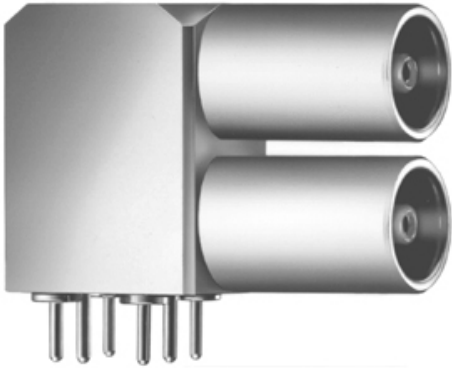


Special

*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                          |
| Series              | 00 - NIM-CAMAC              |

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

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# Technical details

## Electrical Configuration

|   |  |
|---|--|
| Nb of contacts Coax                       | 1  |
| R (max)                                   | 6.1 mOhm                                     |
| Insert configuration value                | 0.25 - 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                                      | $1.09 + 0.11 * f/\text{GHz}$                 |
| 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 | EPY - Two vertical elbow receptacles 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                 | 12.51 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/epy-00-250-ntn.html](https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/epy-00-250-ntn.html)

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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> |