

[Standard](#)

*Image for illustrative purpose only*

## Summary

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|                                |                                                                       |
|--------------------------------|-----------------------------------------------------------------------|
| Number of contacts Low Voltage | 10                                                                    |
| Nb of contacts Coax            | 1                                                                     |
| Wire Size/AWG                  | 30 - 22                                                               |
| Gender                         | Standard                                                              |
| Socket / Receptacle            | Socket / Receptacle - Fixed Panel Front Mounted                       |
| Locking system                 | Push-pull                                                             |
| Size                           | 2P                                                                    |
| Suggested matching part        | <a href="#">CAB.810.GLA.C521</a><br><a href="#">CAB.810.GLA.C521A</a> |
| Series                         | REDEL P - Push-Pull                                                   |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/clb-810-gll1a.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/clb-810-gll1a.html)

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# Technical details

## Electrical Configuration

|                                             |                                     |
|---------------------------------------------|-------------------------------------|
| Number of contacts Low Voltage              | 10                                  |
| Contact Termination Low voltage             | Solder                              |
| Nb of contacts Coax                         | 1                                   |
| Contact Termination Coax - Conductor fixing | Crimp                               |
| Insert configuration value                  | 2P.810 - 1 Coax (50 Ohm), 10 Low V. |
| Insulator                                   | L: PEEK for solder contacts         |
| Rated current                               | 5 A                                 |
| Impedance                                   | 50 Ohms                             |
| Test voltage contact-contact                | 1.77 (kV DC)                        |
| Air clearance                               | 0.9 mm                              |
| Creepage distance                           | 0.9 mm                              |
| Contact Dia.                                | 0.7                                 |
| Wire Size/AWG                               | 30 - 22                             |
| Gender                                      | Standard                            |

## Form & Material

|                        |                                                                                 |
|------------------------|---------------------------------------------------------------------------------|
| Shell style / Model id | CL - Fixed receptacle, nut fixing                                               |
| Socket / Receptacle    | Fixed Panel Front Mounted                                                       |
| Housing material       | PSU (Polysulfone), grey                                                         |
| Locking system         | Push-pull                                                                       |
| Keying                 | B: 3 keys (alpha=0, gamma=60, Plug: male contacts, Receptacle: female contacts) |
| Colour                 | Grey                                                                            |
| Weight                 | 7.24 g                                                                          |

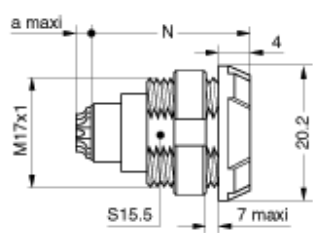
## Environment

|                                   |                                                                                         |
|-----------------------------------|-----------------------------------------------------------------------------------------|
| Technical domain                  | Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental sealing (IP rating) | IP50                                                                                    |
| Endurance                         | >5000 mating cycles                                                                     |
| Temperature range                 | -50°C / +150°C                                                                          |

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# Drawings



## Dimensions

|     | N    |
|-----|------|
| mm. | 23.8 |
| in. | 0.94 |

# Recommended By Lemo

### Tools

|           |                            |
|-----------|----------------------------|
| Spanner   | <a href="#">COP.155.GN</a> |
| Spanner 2 | <a href="#">COB.202.GN</a> |