

Special



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## Summary

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[BKT series](#)

[Customer Drawing](#)

|                                |                                                |
|--------------------------------|------------------------------------------------|
| Number of contacts Low Voltage | 14                                             |
| Gender                         | Reverse Gender                                 |
| Socket / Receptacle            | Socket / Receptacle - Fixed Panel Rear Mounted |
| Locking system                 | Push-pull                                      |
| Panel Drill Hole               | M15                                            |
| Size                           | 2B                                             |
| Series                         | B - Indoor keyed                               |

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/ecj-2b-314-cbva.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ecj-2b-314-cbva.html)

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# Technical details

## Electrical Configuration

|                                           |                                              |
|-------------------------------------------|----------------------------------------------|
| Number of contacts Low Voltage            | 14                                           |
| Contact Termination Low voltage           | PCB - Elbow                                  |
| R (max) - electrical contact resistance   | 6.1 mOhm                                     |
| Insert configuration value                | 2B.314 - 14 Low Voltage                      |
| Footprint IPC Class3 compatibility        | Yes                                          |
| Class3 Productibility Level Compatibility | A (General Design Producibility - Preferred) |
| Insulator                                 | B: Special insulator material LCP            |
| Rated current                             | 6.5 A                                        |
| Test voltage contact-contact              | 1.7 kV DC                                    |
| Test voltage contact-shell                | 2 kV DC                                      |
| Contact Dia.                              | 0.7 mm (0.028 in)                            |
| Gender                                    | Reverse Gender                               |

## Form & Material

|                        |                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell style / Model id | EC - Fixed receptacle with two nuts and elbow contacts for printed circuit (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                 | 2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)                                                         |
| Colour                 | Grey                                                                                                                          |
| Variant                | Delivered with two hex nuts                                                                                                   |
| Weight                 | 15.4 g                                                                                                                        |
| Panel Drill Hole       | M15                                                                                                                           |

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## Environment

|                                   |                                                                                                                                            |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Technical domain                  | Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental sealing (IP rating) | IP50                                                                                                                                       |
| Endurance                         | 5000 mating cycles                                                                                                                         |
| 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                                                                                                                                   |

## Recommended By Lemo

### Caps

|                |                                 |
|----------------|---------------------------------|
| Compatible cap | <a href="#">BRE.2S.200.NAS</a>  |
| Cap 2          | <a href="#">BRE.2S.200.NAV</a>  |
| Plastic Cap    | <a href="#">BRA.2B.200.PCSG</a> |
| Soft Cap       | <a href="#">BEZ.2B.200.SCN</a>  |

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