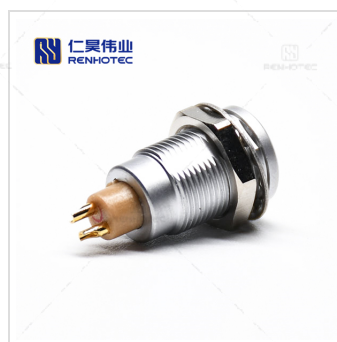
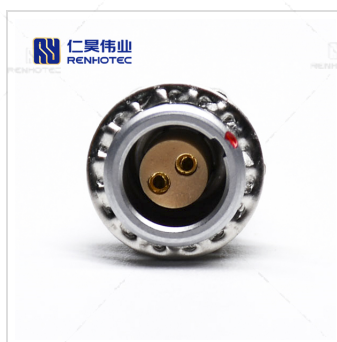
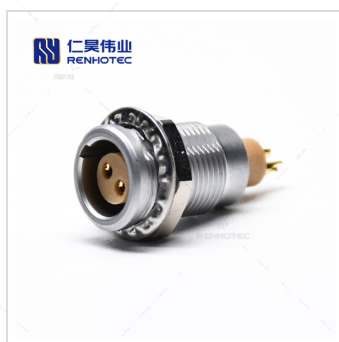




## Push-Pull Circular Connector B Series FGG Socket Connector

Part Number:

**FGG.CLL**



### Basic Information

|                |                                                                                                                                                        |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contacts       | 10 Pin, 12 Pin, 14 Pin, 16 Pin, 18 Pin, 19 Pin, 2 Pin, 20 Pin, 22 Pin, 24 Pin, 26 Pin, 3 Pin, 30 Pin, 32 Pin, 4 Pin, 5 Pin, 6 Pin, 7 Pin, 8 Pin, 9 Pin |
| Gender         | Female                                                                                                                                                 |
| Insulator      | PEEK                                                                                                                                                   |
| Orientation    | Straight                                                                                                                                               |
| Product Series | 00B, 0B, 1B, 2B, 3B, 4B                                                                                                                                |
| Termination    | Solder                                                                                                                                                 |

### Environmental Specification

|                           |                                                                    |
|---------------------------|--------------------------------------------------------------------|
| Vibration Resistance      | 10-2000Hz.15g                                                      |
| Disinfection Resistance   | -20 times( PSU), >100 times (PPSU), >200 times (PEEK)              |
| Env Experiment            | 20 / 80 / 21                                                       |
| Environmental Experiment  | 50 / 175 / 21                                                      |
| Humidity Resistance       | Up to 95% at 60 °C                                                 |
| Impact Resistance         | 100g 6ms                                                           |
| Leakage Rate              | < 10-7mbar. L.s-1                                                  |
| Protection Grade          | IP50                                                               |
| Corrosion Resistance      | > 144h                                                             |
| Shielding Effect          | > 80 dB at 1GHz, > 95 dB at 10MHz                                  |
| Solvent Corrosion Resis   | Average (PSU), Good (PPSU), Very Good (PEEK)                       |
| Temp Range                | - 20 ° C\, + 100 ° C(00 to 1b), - 20 ° C\, + 80 ° C(2b to 5b)      |
| Temperature Range Meta    | -55°C ~ +250°C                                                     |
| Temperature Range Plastic | -55°C ~ +150°C (PSU), -55°C ~ +180°C (PPSU), -55°C ~ +250°C (PEEK) |

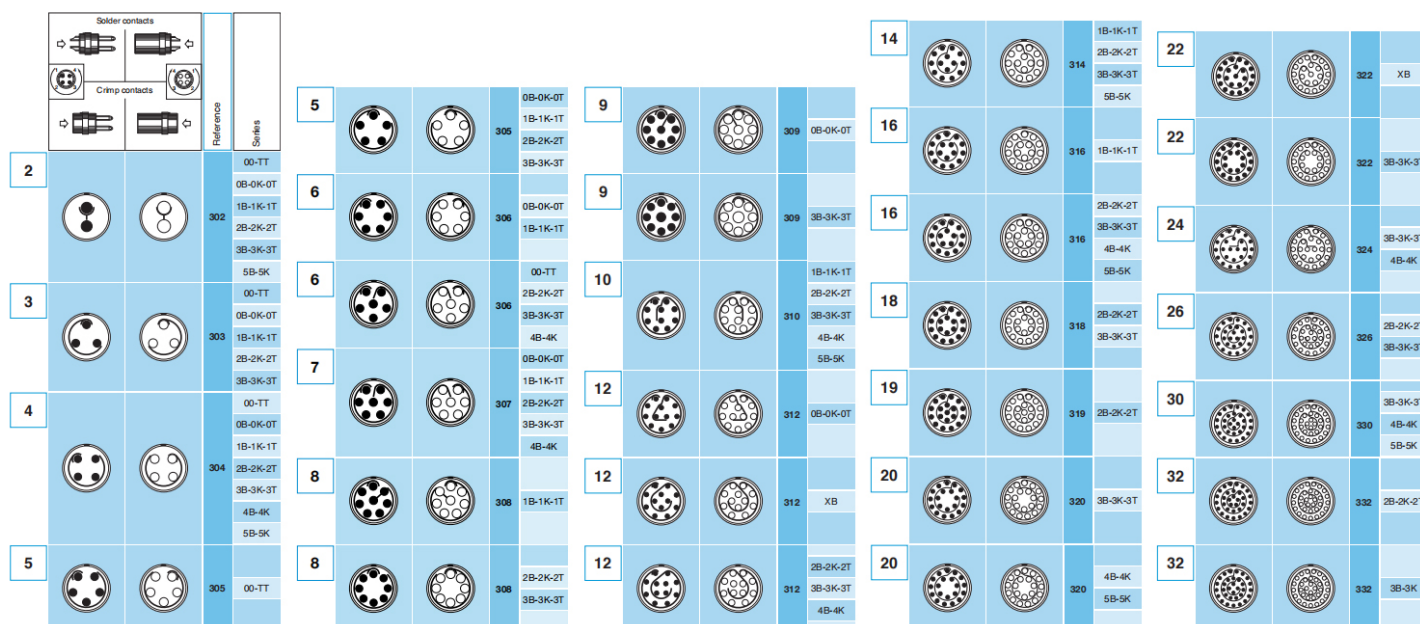
### Material Specification

|                |       |
|----------------|-------|
| Shell Material | Metal |
|----------------|-------|

### Mechanical Specification

|            |              |
|------------|--------------|
| Durability | > 5000 times |
|------------|--------------|

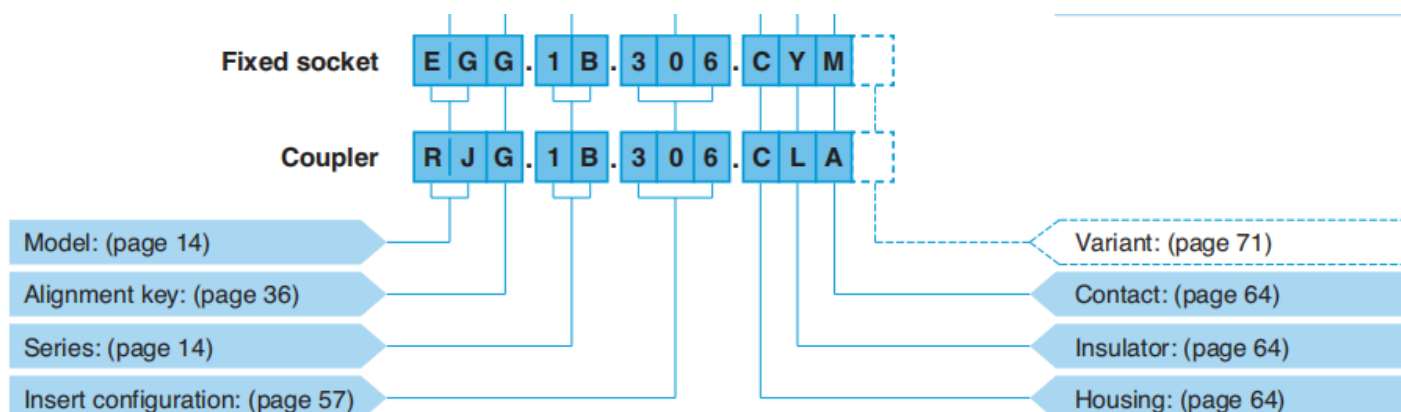
## Contact Layout



## Size

| Reference |                  | Dimensions (mm) |       |      |      |    |
|-----------|------------------|-----------------|-------|------|------|----|
| Model     | Series           | A               | L     | M    | S1   | S2 |
| FGG       | 00 <sup>1)</sup> | 6.4             | 28.5  | 20.5 | 5.5  | 5  |
| FGG       | 0B               | 9.5             | 36.0  | 26.0 | 8.0  | 7  |
| FGG       | 1B               | 12.0            | 43.0  | 32.0 | 10.0 | 9  |
| FGG       | XB               | 13.0            | 44.0  | 33.5 | 11.0 | 10 |
| FGG       | 2B               | 15.0            | 50.0  | 38.0 | 13.0 | 12 |
| FGG       | 3B               | 18.0            | 58.0  | 43.0 | 15.0 | 14 |
| FGG       | 4B               | 25.0            | 75.0  | 57.0 | 21.0 | 20 |
| FGG       | 5B               | 35.0            | 103.0 | 78.0 | 31.0 | 30 |

## How to Order



**Disclaimer**

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The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.