



## Push-Pull Circular Connector K Series EGG Socket Panel Mount Connector

Part Number:

**EGG.CLL.**



### Basic Information

|                     |                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connector Type      | Socket                                                                                                                                                 |
| Contact Termination | Solder                                                                                                                                                 |
| 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 |
| Orientation         | Straight                                                                                                                                               |
| Product Series      | OK, 1K, 2K, 3K                                                                                                                                         |

| 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                                                           |
| Ingress Protection          | IP50                                                               |
| Leakage Rate                | < 10-7mbar. L.s-1                                                  |
| 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         | Copper Alloy |

| Mechanical Specification |              |
|--------------------------|--------------|
| Durability               | > 5000 times |

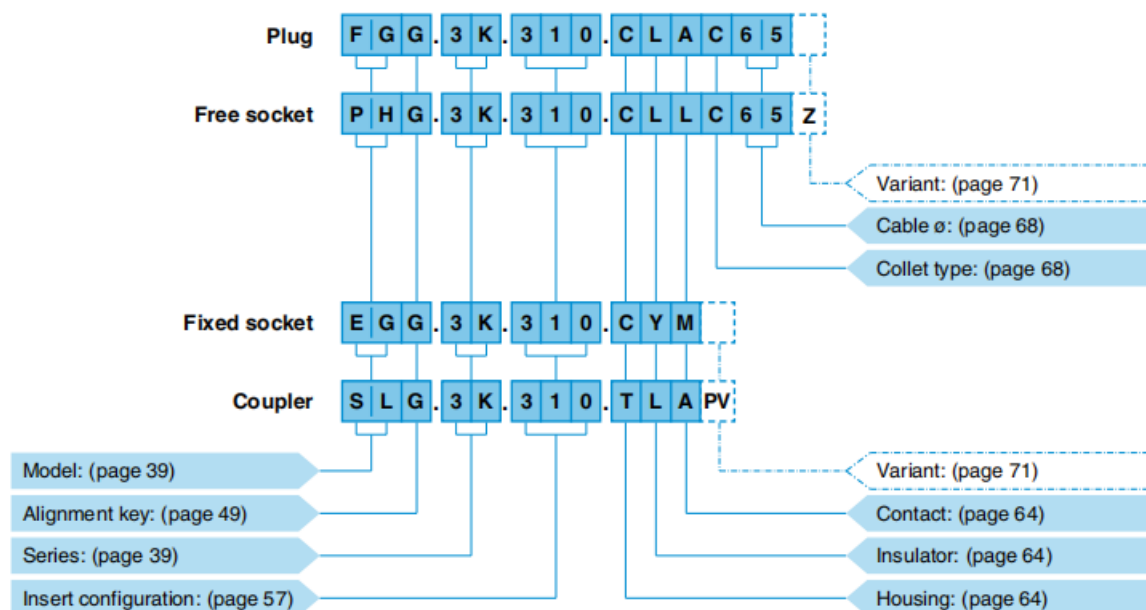
## Contact Layout

|    |                                                                                     | Solder contacts                                                                     |                                                                                   | Crimp contacts                                                                    |                                                                                   | Reference | Series |
|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------|--------|
|    |                                                                                     |    |  |  |  |           |        |
| 2  |    |    | 302                                                                               | 00-TT<br>0B-0K-0T<br>1B-1K-1T<br>2B-2K-2T<br>3B-3K-3T<br>5B-5K                    |                                                                                   |           |        |
| 3  |    |    | 303                                                                               | 00-TT<br>0B-0K-0T<br>1B-1K-1T<br>2B-2K-2T<br>3B-3K-3T                             |                                                                                   |           |        |
| 4  |    |    | 304                                                                               | 00-TT<br>0B-0K-0T<br>1B-1K-1T<br>2B-2K-2T<br>3B-3K-3T<br>4B-4K<br>5B-5K           |                                                                                   |           |        |
| 5  |    |    | 305                                                                               | 00-TT                                                                             |                                                                                   |           |        |
| 5  |    |    | 306                                                                               | 0B-0K-0T<br>1B-1K-1T<br>2B-2K-2T<br>3B-3K-3T                                      |                                                                                   |           |        |
| 6  |    |    | 306                                                                               | 0B-0K-0T<br>1B-1K-1T                                                              |                                                                                   |           |        |
| 6  |    |    | 306                                                                               | 00-TT<br>2B-2K-2T<br>3B-3K-3T<br>4B-4K                                            |                                                                                   |           |        |
| 7  |    |    | 307                                                                               | 0B-0K-0T<br>2B-2K-2T<br>3B-3K-3T<br>4B-4K                                         |                                                                                   |           |        |
| 8  |    |    | 308                                                                               | 1B-1K-1T                                                                          |                                                                                   |           |        |
| 8  |    |    | 308                                                                               | 2B-2K-2T<br>3B-3K-3T                                                              |                                                                                   |           |        |
| 9  |    |    | 309                                                                               | 0B-0K-0T                                                                          |                                                                                   |           |        |
| 9  |    |    | 309                                                                               | 0B-0K-0T<br>3B-3K-3T                                                              |                                                                                   |           |        |
| 10 |    |    | 310                                                                               | 1B-1K-1T<br>2B-2K-2T<br>3B-3K-3T<br>4B-4K<br>5B-5K                                |                                                                                   |           |        |
| 12 |    |    | 312                                                                               | 0B-0K-0T                                                                          |                                                                                   |           |        |
| 12 |    |    | 312                                                                               | XB                                                                                |                                                                                   |           |        |
| 12 |    |    | 312                                                                               | 2B-2K-2T<br>3B-3K-3T<br>4B-4K                                                     |                                                                                   |           |        |
| 14 |   |  | 314                                                                               | 1B-1K-1T<br>2B-2K-2T<br>3B-3K-3T<br>5B-5K                                         |                                                                                   |           |        |
| 16 |   |  | 316                                                                               | 1B-1K-1T                                                                          |                                                                                   |           |        |
| 16 |   |  | 316                                                                               | 2B-2K-2T<br>3B-3K-3T<br>4B-4K<br>5B-5K                                            |                                                                                   |           |        |
| 18 |   |  | 318                                                                               | 2B-2K-2T<br>3B-3K-3T                                                              |                                                                                   |           |        |
| 19 |   |  | 319                                                                               | 2B-2K-2T                                                                          |                                                                                   |           |        |
| 20 |   |  | 320                                                                               | 3B-3K-3T                                                                          |                                                                                   |           |        |
| 20 |   |  | 320                                                                               | 4B-4K<br>5B-5K                                                                    |                                                                                   |           |        |
| 22 |  |  | 322                                                                               | XB                                                                                |                                                                                   |           |        |
| 22 |  |  | 322                                                                               | 3B-3K-3T                                                                          |                                                                                   |           |        |
| 24 |  |  | 324                                                                               | 3B-3K-3T<br>4B-4K                                                                 |                                                                                   |           |        |
| 26 |  |  | 326                                                                               | 2B-2K-2T<br>3B-3K-3T                                                              |                                                                                   |           |        |
| 30 |  |  | 330                                                                               | 3B-3K-3T<br>4B-4K<br>5B-5K                                                        |                                                                                   |           |        |
| 32 |  |  | 332                                                                               | 2B-2K-2T                                                                          |                                                                                   |           |        |
| 32 |  |  | 332                                                                               | 3B-3K                                                                             |                                                                                   |           |        |

## Size

|     |    |    |      |         |    |      |     |      |      |    |
|-----|----|----|------|---------|----|------|-----|------|------|----|
| EGG | 0K | 18 | 19.2 | M14x1.0 | 6  | 21.7 | 4.0 | 20.1 | 12.5 | 17 |
| EGG | 1K | 20 | 21.5 | M16x1.0 | 9  | 27.0 | 4.5 | 25.1 | 14.5 | 19 |
| EGG | 2K | 25 | 27.0 | M20x1.0 | 9  | 30.7 | 5.0 | 28.6 | 18.5 | 24 |
| EGG | 3K | 31 | 34.0 | M24x1.0 | 11 | 36.2 | 6.0 | 33.6 | 22.5 | 30 |
| EGG | 4K | 37 | 40.5 | M30x1.0 | 9  | 40.2 | 6.5 | 38.6 | 28.5 | 36 |
| EGG | 5K | 55 | 54.0 | M45x1.5 | 10 | 47.5 | 9.0 | 43.6 | 42.5 | -  |

## How to Order



## Disclaimer

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.