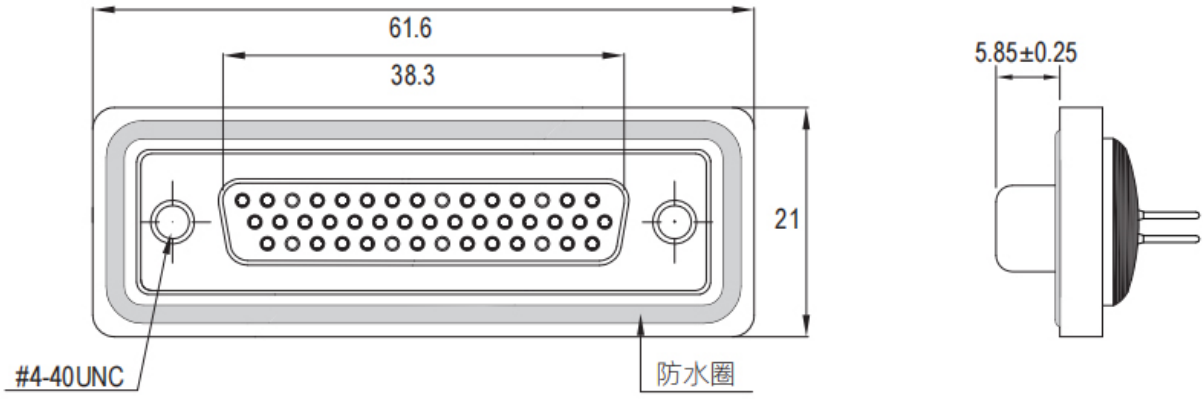


- Plastic Waterproof Connector EDB series,
- Type: Straight Female Socket,
- Gender: Female,
- Termination : PCB
- Number of cores:  
25,44H,5W5,9W4,13W3,17W2,21W1 pins,
- Flame retardant grade : V-0
- Certification: CE/RoHS.





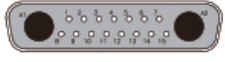

## PRODUCT PARAMETERS

|                          |   |
|--------------------------|---|
| Rated current :          | 10A/20A/30A/40A                                 |
| Rated voltage :          | 1000 V  |
| Withstand voltage :      | 500 V   |
| Insulation impedance :   | 5000 MΩ   |
| Contact impedance :      | 10 mΩ   |
| Pulling Force :          | Products comply with IEC60807-3                 |
| Wiring range :           | 8mm~14mm  |
| Durability :             | ≥500次   |
| Applicable temperature : | -55℃ ~ +105℃                                    |
| Shell material :         | Thermoplastic PA66 ,Flame retardant grade : V-0 |
| Waterproof grade :       | IP65/IP67                                       |
| Products comply :        | CECC 7501-802.IEC 60807-3                       |

尺寸图



ELECTRICAL PARAMETERS

| 芯数排列<br>PINS ARRANGEMENT |   |                          |   |                          |  |
|--------------------------|---|--------------------------|---|--------------------------|--|
| 芯位图<br>Pins Arrangement  | <br>25   |                          | <br>44H  |                          | <br>5W5  |
| 芯数<br>Pins               | 小针:25<br>Small needle:25  |                          | 小针:44<br>Small needle:44  |                          | 大针:5<br>Large needle:5   |
| 芯位图<br>Pins Arrangement  | <br>13W3 |                          | <br>17W2 |                          | <br>21W1 |
| 芯数<br>Pins               | 大针:3<br>Large needle:3  | 小针:10<br>Small needle:10 | 大针:2<br>Large needle:2  | 小针:15<br>Small needle:15 | 大针:1<br>Large needle:1   |

| 技术参数<br>TECHNICAL PARAMETERS |                    |                    |        |       |       |
|------------------------------|--------------------|--------------------|--------|-------|-------|
| 针规<br>Pin Gage               | 小针<br>Small needle | 大针<br>Large needle |        |       |       |
| 线规<br>Wire gauge             | 20 AWG             | 14 AWG             | 10 AWG | 8 AWG | 6 AWG |
| 引脚类型<br>Pin type             | φ1                 | φ1.7               | φ2.8   | φ3.2  | φ4.6  |
| 额定电流<br>Rated current        | 5A                 | 10A                | 20A    | 30A   | 40A   |

|                                |              |
|--------------------------------|--------------|
| 接线范围<br>Wiring range           | 8.1mm-14.0mm |
| 防水等级<br>Waterproof grade       | IP65/IP67    |
| 插拔次数<br>Durability             | 500          |
| 适应温度<br>Applicable temperature | -55°C~105°C  |
| 额定电压<br>Rated voltage          | 1000V        |

订购产品

| Product Name                     | Pins | Max Pin Wire gauge | Rated current | Model          | 3D Download | 2D Download       |
|----------------------------------|------|--------------------|---------------|----------------|-------------|-------------------|
| EDB3-Straight Female Socket(PCB) | 25   | 20 AWG             | 5A            | EDB3-F25-PPA   |             | <a href="#">↓</a> |
| EDB3-Straight Female Socket(PCB) | 44H  | 20 AWG             | 5A            | EDB3-F44H-PPA  |             |                   |
| EDB3-Straight Female Socket(PCB) | 5W5  | 20 AWG             | 5A            | EDB3-F5W5-PPA  |             |                   |
| EDB3-Straight Female Socket(PCB) | 9W4C | 20 AWG             | 5A            | EDB3-F9W4C-PPA |             |                   |

|                                  |      |        |        |                  |  |  |
|----------------------------------|------|--------|--------|------------------|--|--|
| EDB3-Straight Female Socket(PCB) | 13W3 | 20 AWG | 5A     | EDB3-F13W3-PPA   |  |  |
| EDB3-Straight Female Socket(PCB) | 17W2 | 20 AWG | 5A     | EDB3-F17W2-PPA   |  |  |
| EDB3-Straight Female Socket(PCB) | 21W1 | 20 AWG | 5A     | EDB3-F21W1-PPA   |  |  |
| EDB3-Straight Female Socket(PCB) | 5W5  | 14 AWG | 10A    | EDB3-F5W5-PPA14  |  |  |
| EDB3-Straight Female Socket(PCB) | 9W4C | 14 AWG | 5A/10A | EDB3-F9W4C-PPA14 |  |  |
| EDB3-Straight Female Socket(PCB) | 13W3 | 14 AWG | 5A/10A | EDB3-F13W3-PPA14 |  |  |
| EDB3-Straight Female Socket(PCB) | 17W2 | 14 AWG | 5A/10A | EDB3-F17W2-PPA14 |  |  |
| EDB3-Straight Female Socket(PCB) | 21W1 | 14 AWG | 5A/10A | EDB3-F21W1-PPA14 |  |  |
| EDB3-Straight Female Socket(PCB) | 5W5  | 10 AWG | 20A    | EDB3-F5W5-PPA20  |  |  |
| EDB3-Straight Female Socket(PCB) | 9W4C | 10 AWG | 5A/20A | EDB3-F9W4C-PPA20 |  |  |
| EDB3-Straight Female Socket(PCB) | 13W3 | 10 AWG | 5A/20A | EDB3-F13W3-PPA20 |  |  |
| EDB3-Straight Female Socket(PCB) | 17W2 | 10 AWG | 5A/20A | EDB3-F17W2-PPA20 |  |  |
| EDB3-Straight Female Socket(PCB) | 21W1 | 10 AWG | 5A/20A | EDB3-F21W1-PPA20 |  |  |
| EDB3-Straight Female Socket(PCB) | 5W5  | 08 AWG | 30A    | EDB3-F5W5-PPA30  |  |  |
| EDB3-Straight Female Socket(PCB) | 9W4C | 08 AWG | 5A/30A | EDB3-F9W4C-PPA30 |  |  |
| EDB3-Straight Female Socket(PCB) | 13W3 | 08 AWG | 5A/30A | EDB3-F13W3-PPA30 |  |  |
| EDB3-Straight Female Socket(PCB) | 17W2 | 08 AWG | 5A/30A | EDB3-F17W2-PPA30 |  |  |
| EDB3-Straight Female Socket(PCB) | 21W1 | 08 AWG | 5A/30A | EDB3-F21W1-PPA30 |  |  |
| EDB3-Straight Female Socket(PCB) | 5W5  | 06 AWG | 40A    | EDB3-F5W5-PPA40  |  |  |
| EDB3-Straight Female Socket(PCB) | 9W4C | 06 AWG | 5A/40A | EDB3-F9W4C-PPA40 |  |  |
| EDB3-Straight Female Socket(PCB) | 13W3 | 06 AWG | 5A/40A | EDB3-F13W3-PPA40 |  |  |

|                                  |      |        |        |                  |  |  |
|----------------------------------|------|--------|--------|------------------|--|--|
| EDB3-Straight Female Socket(PCB) | 17W2 | 06 AWG | 5A/40A | EDB3-F17W2-PPA40 |  |  |
| EDB3-Straight Female Socket(PCB) | 21W1 | 06 AWG | 5A/40A | EDB3-F21W1-PPA40 |  |  |

## Data download

|                        |  |
|------------------------|--|
| PRODUCT CATALOG        | <a href="#">CAZN-Plastic waterproof connector series</a>                                       |
| EMC                    | <a href="#">EMC Certificate</a> 、 <a href="#">EMC Report</a> 、 <a href="#">REACH233 Report</a> |
| RoHS                   | <a href="#">Certificate</a> 、 <a href="#">Report</a>   |
| WATERPROOF TEST REPORT | <a href="#">Certificate</a> 、 <a href="#">Report</a>   |