



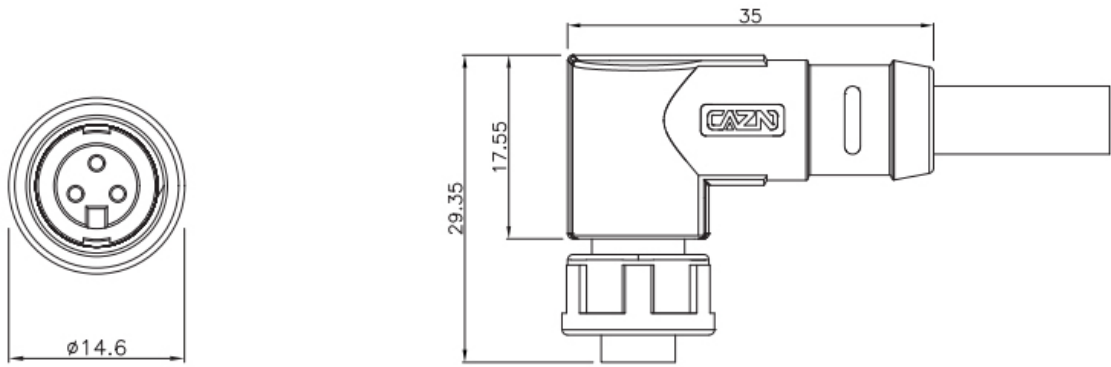
- Plastic Waterproof Connector/ E7 series
- Type: Right angle Overmolded Plug
- Gender: Female
- Coupling : Bayonet(B)
- Termination: Solder
- Number of cores: 2,3,4,5,6 pins
- Shielded: No,
- Certification: CE RoHS

Mechanical parameter

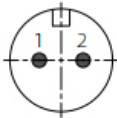
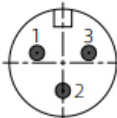
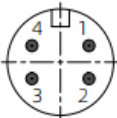
|                         |                                                        |
|-------------------------|--------------------------------------------------------|
| Shell material:         | Thermoplastic plastic PA66, flame retardant grade: V-0 |
| Contact material:       | Brass/Phosphor copper gold-plated                      |
| Sealing material:       | Epoxy resin/rubber                                     |
| Coupling:               | Thread (T); Bayonet(B)                                 |
| Termination Way:        | Solder                                                 |
| Contact impedance:/td>  | ≤5mΩ                                                   |
| Durability:             | ≥500(Cycles)                                           |
| Insulation resistance:  | ≥100mΩ                                                 |
| Applicable temperature: | -25℃ ~ +105℃                                           |
| Cable diameter:         | 3.5mm~6.8mm                                            |
| Waterproof grade:       | IP67 , IP68                                            |
| Screw size              | 7/16"-28UNS                                            |

E7 Right angle Female Overmolded Plug(Bayonet)

Dimensions



Electrical parameters

| 芯数排列及技术参数<br>PINS ARRANGEMENT & TECHNICAL PARAMETERS |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 芯数<br>Pins                                           | 2                                                                                   | 3                                                                                   | 4                                                                                   | 5                                                                                     | 6                                                                                     |
| 芯位排布<br>Pins arrangement                             |  |  |  |  |  |
| 规格<br>SPECIFICATIONS                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| 芯数<br>Pins                                           | 2                                                                                   | 3                                                                                   | 4                                                                                   | 5                                                                                     | 6                                                                                     |
| 线规<br>Wire gauge                                     | 0.519mm <sup>2</sup> (20AWG)                                                        |                                                                                     | 0.34mm <sup>2</sup> (20AWG)                                                         |                                                                                       |                                                                                       |
| 引脚类型<br>Pin type                                     | φ1.0mm                                                                              |                                                                                     | φ0.8mm                                                                              |                                                                                       |                                                                                       |
| 接线范围<br>Wiring range                                 | 3.5mm~6.8mm                                                                         |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| 防水等级<br>Waterproof grade                             | IP67/IP68                                                                           |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| 插拔次数<br>Durability                                   | 500                                                                                 |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| 适应温度<br>Applicable temperature                       | -45℃~105℃                                                                           |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
| 额定电压<br>Rated voltage                                | 125V                                                                                | 125V                                                                                | 60V                                                                                 | 60V                                                                                   | 60V                                                                                   |
| 额定电流<br>Rated current                                | 5A                                                                                  | 5A                                                                                  | 2A                                                                                  | 2A                                                                                    | 2A                                                                                    |

Ordering products

| Product Name                                           | Rated Voltage | Rated Current | Pins | P/N            | 3D Download       | 2D Download       |
|--------------------------------------------------------|---------------|---------------|------|----------------|-------------------|-------------------|
| E7 Right angle Female Overmolded Plug(Bayonet)-xxM-PVC | 125V          | 5A            | 2    | E7B-S2-MWD-xPV | <a href="#">↓</a> | <a href="#">↓</a> |

E7 Right angle Female Overmolded Plug(Bayonet)



|                                                        |      |    |   |                |                   |                   |
|--------------------------------------------------------|------|----|---|----------------|-------------------|-------------------|
| E7 Right angle Female Overmolded Plug(Bayonet)-xxM-PVC | 125V | 5A | 3 | E7B-S3-MWD-xPV | <a href="#">↓</a> | <a href="#">↓</a> |
| E7 Right angle Female Overmolded Plug(Bayonet)-xxM-PVC | 60V  | 2A | 4 | E7B-S4-MWD-xPV | <a href="#">↓</a> | <a href="#">↓</a> |
| E7 Right angle Female Overmolded Plug(Bayonet)-xxM-PVC | 60V  | 2A | 5 | E7B-S5-MWD-xPV | <a href="#">↓</a> | <a href="#">↓</a> |
| E7 Right angle Female Overmolded Plug(Bayonet)-xxM-PVC | 60V  | 2A | 6 | E7B-S6-MWD-xPV | <a href="#">↓</a> | <a href="#">↓</a> |

Data Download

|                        |                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------|
| Product Catalog        | <a href="#">CAZN-Plastic Waterproof Connector brochures</a>                             |
| EMC                    | <a href="#">EMC Report</a> 、 <a href="#">EMCReport</a> 、 <a href="#">REACH233Report</a> |
| RoHS                   | <a href="#">Certificate</a> 、 <a href="#">Report</a>                                    |
| Waterproof test report | <a href="#">Certificate</a> 、 <a href="#">Report</a>                                    |