

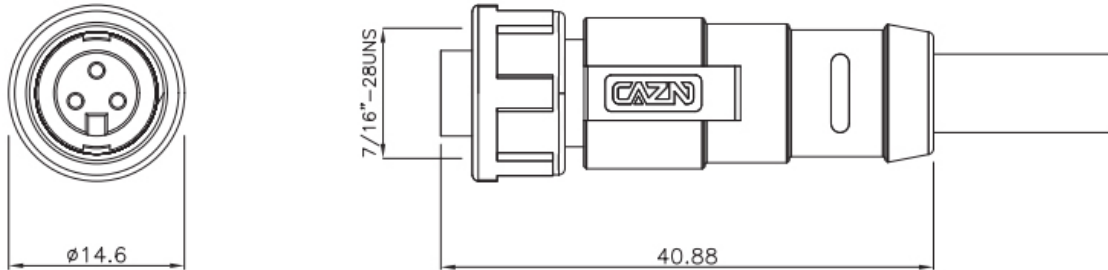


- Plastic Waterproof Connector/ E7 series
- Type: Straight Female Overmolded Plug
- Gender: Female
- Coupling : Bayonet(B)
- Termination: Solder
- Number of cores: 2,3,4,5,6 pins
- Shielded: No,
- Certification: CE RoHS

### 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>	$\leq 5\text{m}\Omega$
Durability:	$\geq 500$ (Cycles)
Insulation resistance:	$\geq 100\text{m}\Omega$
Applicable temperature:	$-25^{\circ}\text{C} \sim +105^{\circ}\text{C}$
Cable diameter:	3.5mm~6.8mm
Waterproof grade:	IP67 , IP68
Screw size	7/16"-28UNS

## Dimensions



## Electrical parameters

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

## Ordering products

Product Name	Rated Voltage	Rated Current	Pins	P/N	3D Download	2D Download
E7 Straight Female Overmolded Plug(Bayonet)-xxM-PVC	125V	5A	2	E7B-S2-MWA-xPV	<a href="#">↓</a>	<a href="#">↓</a>
E7 Straight Female Overmolded Plug(Bayonet)-xxM-PVC	125V	5A	3	E7B-S3-MWA-xPV	<a href="#">↓</a>	<a href="#">↓</a>

## [E7 Straight Female Overmolded Plug\(Bayonet\)](#)

E7 Straight Female Overmolded Plug(Bayonet)-xxM-PVC	60V	2A	4	E7B-S4-MWA-xPV	<a href="#">↓</a>	<a href="#">↓</a>
E7 Straight Female Overmolded Plug(Bayonet)-xxM-PVC	60V	2A	5	E7B-S5-MWA-xPV	<a href="#">↓</a>	<a href="#">↓</a>
E7 Straight Female Overmolded Plug(Bayonet)-xxM-PVC	60V	2A	6	E7B-S6-MWA-xPV	<a href="#">↓</a>	<a href="#">↓</a>

If you need to choose other wire, please consult customer service

## 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>