

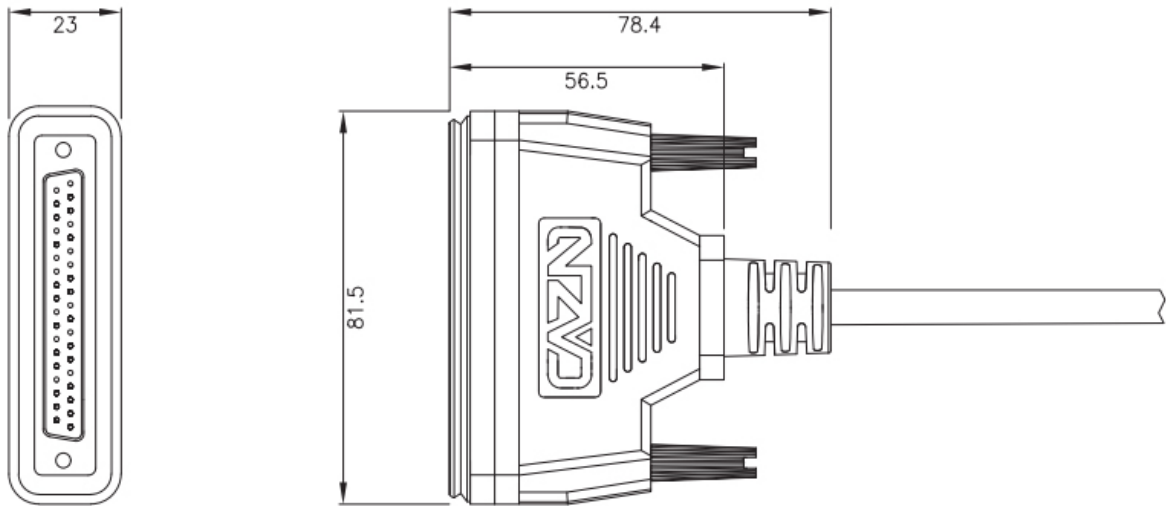


- Plastic Waterproof Connector EDB series,
- Type: Straight Overmolded Plug,
- Gender: Male,
- Number of cores:
37,62H,8W8,13W6,21W4,25W3,27W2 pins,
- Flame retardant grade : V-0
- Shielded: Yes/No,
- Certification: CE/RoHS.

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 :	IP67
Products comply :	CECC 7501-802.IEC 60807-3

DIMENSIONS



ELECTRICAL PARAMETERS

芯数排列 PINS ARRANGEMENT					
芯位图 Pins Arrangement	 37		 62H		 8W8
芯数 Pins	小针:37 Small needle:37		小针:62 Small needle:62		大针:8 Large needle:8
芯位图 Pins Arrangement	 21W4		 25W3		 27W2
芯数 Pins	大针:4 Large needle:4	小针:17 Small needle:17	大针:3 Large needle:3	小针:22 Small needle:22	大针:2 Large needle:2

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

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

Ordering products

Product Name	Pins	Max Pin Wire gauge	Rated current	P/N-Shielded	Model-Unshielded	3D Download	2D Download
EDB4-Straight Male Overmolded Plug-XXM-PVC	37	20 AWG	5A	EDB4-M37-MWA-xPV-S	EDB4-M37-MWA-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	62H	20 AWG	5A	EDB4-M62H-MWA-xPV-S	EDB4-M62H-MWA-xPV		

EDB4-Straight Male Overmolded Plug

EDB4-Straight Male Overmolded Plug-XXM-PVC	8W8	20 AWG	5A	EDB4-M8W8-MWA-xPV-S	EDB4-M8W8-MWA-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	13W6	20 AWG	5A	EDB4-M13W6-MWA-xPV-S	EDB4-M13W6-MWA-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	21W4	20 AWG	5A	EDB4-M21W4-MWA-xPV-S	EDB4-M21W4-MWA-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	25W3	20 AWG	5A	EDB4-M25W3-MWA-xPV-S	EDB4-M25W3-MWA-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	27W2	20 AWG	5A	EDB4-M27W2-MWA-xPV-S	EDB4-M27W2-MWA-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	8W8	14 AWG	10A	EDB4-M8W8-MWA14-xPV-S	EDB4-M8W8-MWA14-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	13W6	14 AWG	5A/10A	EDB4-M13W6-MWA14-xPV-S	EDB4-M13W6-MWA14-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	21W4	14 AWG	5A/10A	EDB4-M21W4-MWA14-xPV-S	EDB4-M21W4-MWA14-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	25W3	14 AWG	5A/10A	EDB4-M25W3-MWA14-xPV-S	EDB4-M25W3-MWA14-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	27W2	14 AWG	5A/10A	EDB4-M27W2-MWA14-xPV-S	EDB4-M27W2-MWA14-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	8W8	10 AWG	20A	EDB4-M8W8-MWA10-xPV-S	EDB4-M8W8-MWA10-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	13W6	10 AWG	5A/20A	EDB4-M13W6-MWA10-xPV-S	EDB4-M13W6-MWA10-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	21W4	10 AWG	5A/20A	EDB4-M21W4-MWA10-xPV-S	EDB4-M21W4-MWA10-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	25W3	10 AWG	5A/20A	EDB4-M25W3-MWA10-xPV-S	EDB4-M25W3-MWA10-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	27W2	10 AWG	5A/20A	EDB4-M27W2-MWA10-xPV-S	EDB4-M27W2-MWA10-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	8W8	8 AWG	30A	EDB4-M8W8-MWA08-xPV-S	EDB4-M8W8-MWA08-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	13W6	8 AWG	5A/30A	EDB4-M13W6-MWA08-xPV-S	EDB4-M13W6-MWA08-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	21W4	8 AWG	5A/30A	EDB4-M21W4-MWA08-xPV-S	EDB4-M21W4-MWA08-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	25W3	8 AWG	5A/30A	EDB4-M25W3-MWA08-xPV-S	EDB4-M25W3-MWA08-xPV		

EDB4-Straight Male Overmolded Plug-XXM-PVC	27W2	8 AWG	5A/30A	EDB4-M27W2-MWA08-xPV-S	EDB4-M27W2-MWA08-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	8W8	6 AWG	40A	EDB4-M8W8-MWA06-xPV-S	EDB4-M8W8-MWA06-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	13W6	6 AWG	5A/40A	EDB4-M13W6-MWA06-xPV-S	EDB4-M13W6-MWA06-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	21W4	6 AWG	5A/40A	EDB4-M21W4-MWA06-xPV-S	EDB4-M21W4-MWA06-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	25W3	6 AWG	5A/40A	EDB4-M25W3-MWA06-xPV-S	EDB4-M25W3-MWA06-xPV		
EDB4-Straight Male Overmolded Plug-XXM-PVC	27W2	6 AWG	5A/40A	EDB4-M27W2-MWA06-xPV-S	EDB4-M27W2-MWA06-xPV		

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

Data Download

PRODUCT CATALOG	CAZN-Plastic waterproof connector series
EMC	EMC Certificate 、 EMC Report 、 REACH233 Report
RoHS	Certificate 、 Report
WATERPROOF TEST REPORT	Certificate 、 Report