



- Plastic Waterproof Connector E13 series,
- Type: Straight Male Overmolded Mating Plug,
- Gender: Male,
- Coupling : Thread (T),
- Termination: Solder,
- Number of cores: 2,3,4,5,6 7,8,9,10,12,14,18 pins,
- Shielded: No,
- Certification: CE/RoHS.

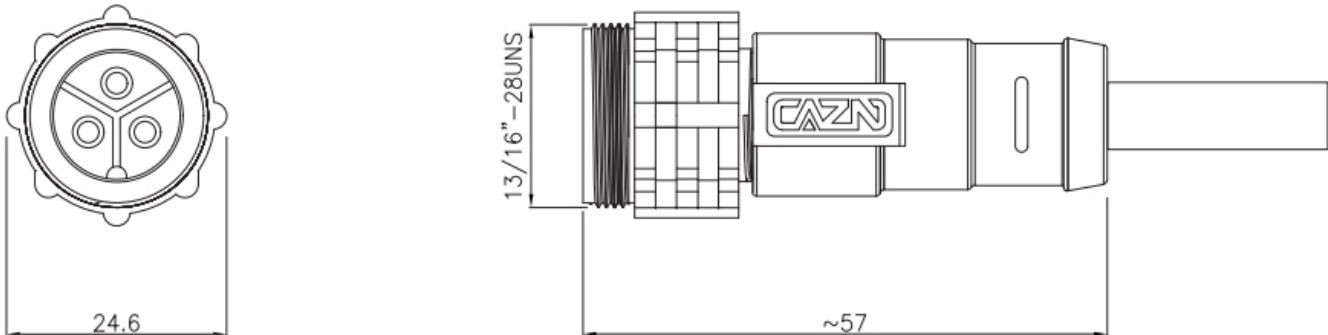
Mechanical parameter

Shell material:	Thermoplastic plastic PA66, flame retardant grade: V-0
Contact material:	Copper gold-plated
Coupling:	Thread (T); Bayonet(B)
Termination Way:	Solder
Solder :	≥500 Cycles
Insulation resistance:	≥2000mΩ
Applicable temperature:	-40°C ~ +105°C
Wiring range:	6.0mm~10.0mm
Waterproof grade:	IP67 , IP68
Specifications:	13/16"-28UNS

E13 Straight Male Overmolded Mating Plug(Threaded)



Dimension



Electrical Parameters

芯数排列及技术参数 PINS ARRANGEMENT & TECHNICAL PARAMETERS																
芯数 Pins	2B		3B		4B		2		3		4		5		6	
芯位排布 Pins arrangement																
芯数 Pins	8C		7		8		9		10		12		14		18	
芯位排布 Pins arrangement																
规格 SPECIFICATIONS																
芯数 Pins	2B	3B	4B	2	3	4	5	6	8C	7	8	9	10	12	14	18
线规 Wire gauge	2.5mm ² (14AWG)					0.823mm ² (18AWG)			16AWG+ 22AWG	0.519mm ² (20AWG)						
引脚类型 Pin type	Ø 2.4mm					Ø 1.6mm			Ø 2.0mm+ Ø 0.8mm	Ø 1.0mm						
接线范围 Wiring range	6.0mm~10.0mm															
防水等级 Waterproof grade	IP67/IP68															
插拔次数 Durability	500															
适应温度 Applicable temperature	-45℃~105℃															
额定电压 Rated voltage	300V	300V	300V	125V	125V	125V	125V	125V	125+30V	60V	60V	60V	60V	60V	60V	30V
额定电流 Rated current	20A	20A	20A	20A	20A	10A	10A	10A	15+2A	5A	5A	5A	5A	5A	5A	2A

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Product Name	Rated Voltage	Rated Current	Pins	P/N	3D Download	2D Download
E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	300V	20A	2	E13T-P2-MWK-xxPV		

E13 Straight Male Overmolded Mating Plug(Threaded)

E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	300V	20A	3	E13T-P3-MWK-xxPV		
E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	300V	20A	4	E13T-P4-MWK-xxPV		
E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	125V	20A	5	E13T-P5-MWK-xxPV		
E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	125V	20A	6	E13T-P6-MWK-xxPV		
E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	125V	10A	7	E13T-P7-MWK-xxPV		
E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	125V	10A	8	E13T-P8-MWK-xxPV		
E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	125V	10A	9	E13T-P9-MWK-xxPV		
E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	125+30V	15+2A	10	E13T-P10-MWK-xxPV		
E13 Straight Male Overmolded Mating Plug(Threaded)-xxMr-PVC	60V	5A	12	E13T-P12-MWK-xxPV		
E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	60V	5A	14	E13T-P14-MWK-xxPV		
E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	60V	5A	18	E13T-P18-MWK-xxPV		
E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	60V	5A	18	E13T-P18-MWK-xxPV		
E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	60V	5A	18	E13T-P18-MWK-xxPV		
E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	60V	5A	18	E13T-P18-MWK-xxPV		
E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	60V	5A	2B	E13T-P2B-MWK-xxPV		
E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	60V	5A	3B	E13T-P3B-MWK-xxPV		
E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	60V	5A	4B	E13T-P4B-MWK-xxPV		
E13 Straight Male Overmolded Mating Plug(Threaded)-xxM-PVC	30V	2A	8C	E13T-P8C-MWK-xxPV		

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

Data Download

Product Catalog	CAZN-Plastic Waterproof Connector brochures
EMC	EMC Report 、 EMCReport 、 REACH233Report

RoHS	Certificate 、 Report
Waterproof test report	Certificate 、 Report