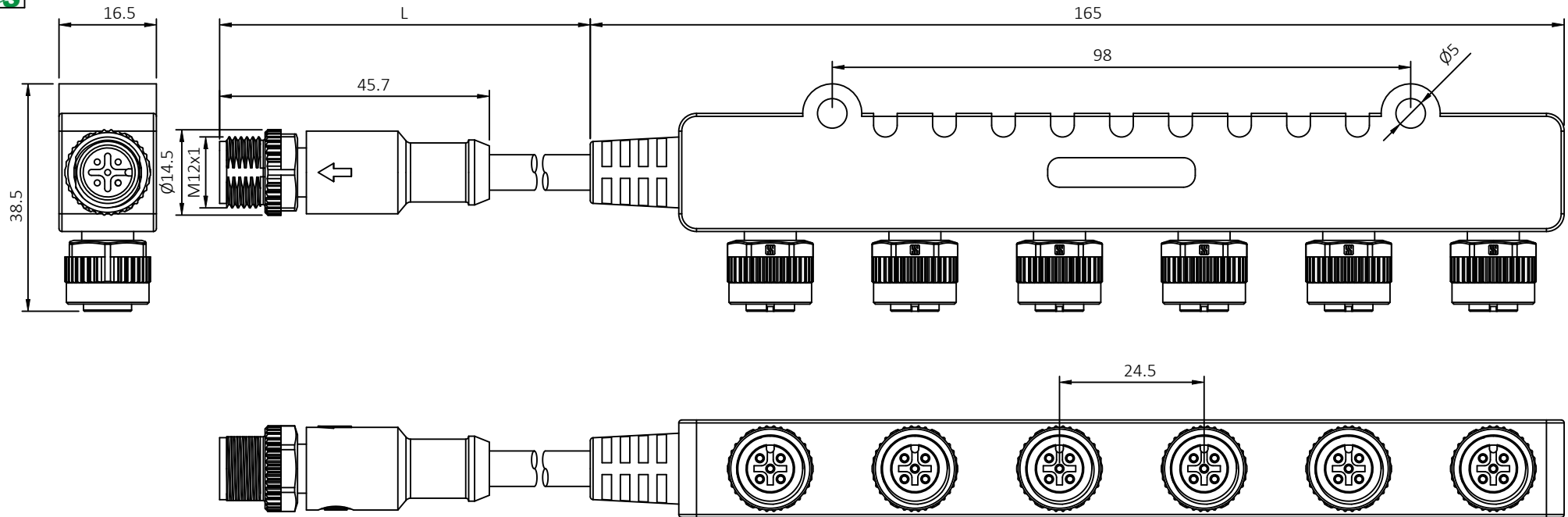




ISSUE	DESCRIPTION	DWN	DATE	APPROVEN
R1.0	First issue	Ding	2024/01/01	JIM.KING



**General Specifications:**

Comply with IEC61076-2-101  
 Connector 1: M12 5P Female x6  
 Connector 2: M12 5P Male  
 Locking: Screw Connection  
 Termination: Solder Cup

**Electrical:**

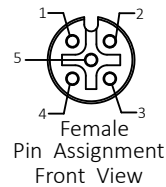
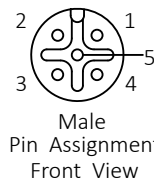
Rated Voltage: 60V AC/DC  
 Rated Current: 4A  
 Contact Resistance:  $\leq 5m\Omega$   
 Insulation Resistance:  $\geq 100M\Omega$

**Mechanical:**

Mating Cycles: min 500  
 Temperature Range: -25 to 80° C  
 Degree of Protection: IP67

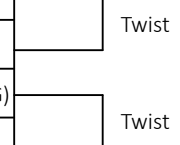
**Material:**

Coupling nut/screw: Zinc Alloy, Electroless Nickel  
 Insulator: PA66 UL94-V0 black  
 Contacts: Brass, Gold Plated  
 Seal: FKM, Green  
 Body Molding: PVC, Blue  
 CAN-BUS Cable: (24#\*1P+AL)+(22#\*1P+AL)+Drain+AL+Braid ,PUR jacket, Violet



**Wire list**

CONN.	CONN2	CONN3	---	CONN7	Wire color
1	1	1	---	1	Drain(22AWG)
2	2	2	---	2	Red(22AWG)
3	3	3	---	3	Black(22AWG)
4	4	4	---	4	White(24AWG)
5	5	5	---	5	Blue(24AWG)



-TOLERANCES- UNLESS OTHERWISE SPECIFIED	东莞市德索精密工业有限公司 CONNECTOR & CABLE ASSEMBLY				
	PART DESCRIPTION: M12 Distribution Box, 6 Way				
UNLESS OTHERWISE SPECIFIED TOLERANCES FOR MILLIMETERS ARE: 0.5 - 8mm $\pm 0.20mm$ 8 - 30mm $\pm 0.25mm$ 30 - 120mm $\pm 0.30mm$	Appr:	P/N: RHT-634-3405			
	Check:	Date	Scale	Unit	Type
	Draw:	2024.01.01	Free	MM	Z