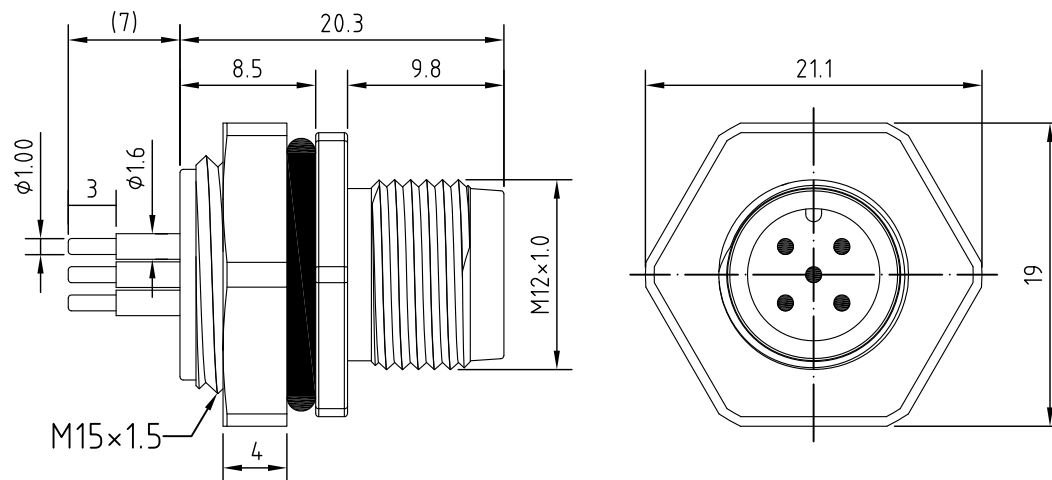


REV.	Description	Date
1	part number change	2026/8/31



Specification of connector

Locking system	: screw M12
Termination	: DIP
Shell protection	: IP68
Rated voltage	: 250V
Rated current	: 5A
Contact resistance	: $\leq 10\text{m}\Omega$
Insulation resistance	: $\geq 10\text{M}\Omega$

RoHS

TOLERANCE X $\pm$ 0.5 .X $\pm$ 0.3 .XX $\pm$ 0.2

PIN No.	02P	03P	04P	05P
CONTACT ARRANGEMENT FRONT VIEW (MALE)				
PCB Layout				

4	Nut	PA/94V-0
3	O ring	Rubber
2	Pin	Brass/Gold plated
1	Body	PA/94V-0
Item	Description	Material&Plating

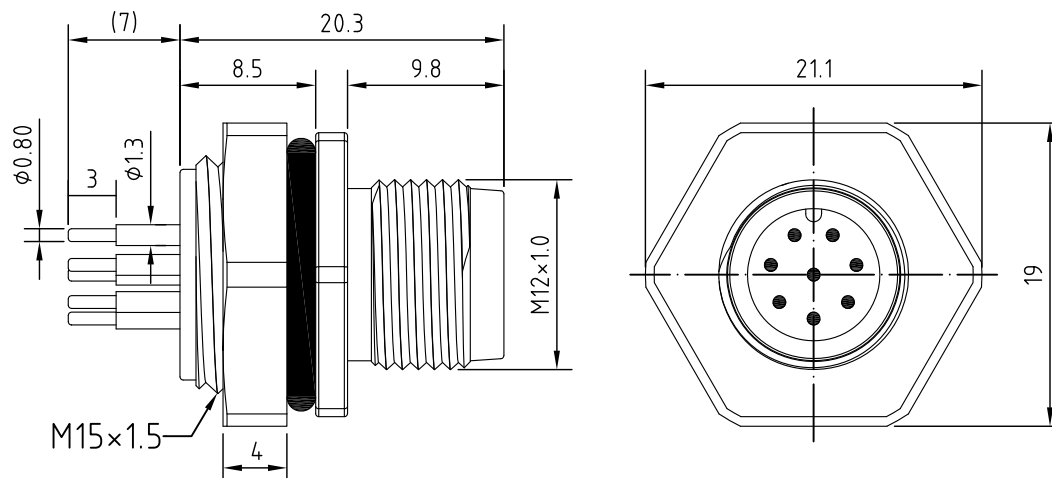


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ITEM	Sensor Connector M12(2-5PIN)	PART NO.	3031A-A14M24xxx-02/UT-SD170F5-02		
		DATE	2026/8/31	UNIT	MM
		DWN	GINA	REV.	1
		CHK			

REV.	Description	Date
1	part number change	2026/8/31



Specification of connector

Locking system	: screw M12
Termination	: DIP
Shell protection	: IP68
Rated voltage	: 125V
Rated current	: 2A
Contact resistance	: $\leq 10\text{m}\Omega$
Insulation resistance	: $\geq 10\text{M}\Omega$

RoHS

TOLERANCE X $\pm$ 0.5 .X $\pm$ 0.3 .XX $\pm$ 0.2

PIN No.	06P	07P	08P
CONTACT ARRANGEMENT FRONT VIEW (MALE)			
PCB Layout			

4	Nut	PA/94V-0
3	O ring	Rubber
2	Pin	Brass/Gold plated
1	Body	PA/94V-0
Item	Description	Material&Plating

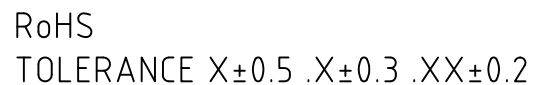


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		DATE		2026/8/31	UNIT	MM
		DWN		GINA	REV.	1
ITEM	Sensor Connector M12(6-8PIN)		CHK			

Specification of connector



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ITEM

Sensor Connector M12(12PIN)

CHK