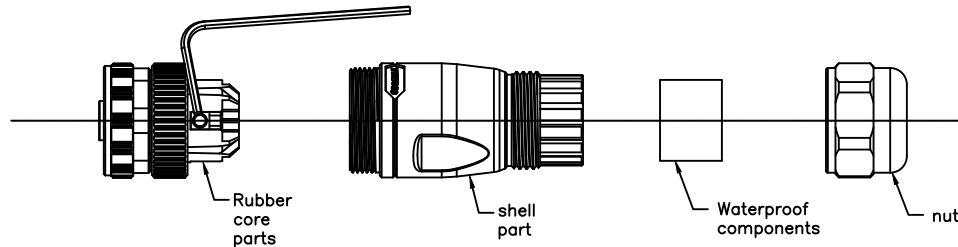
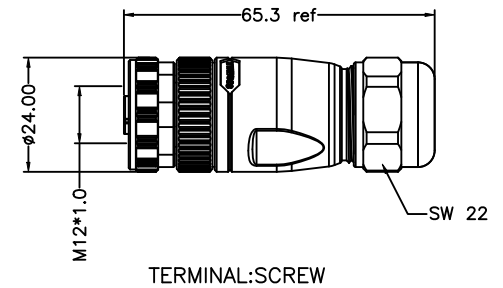
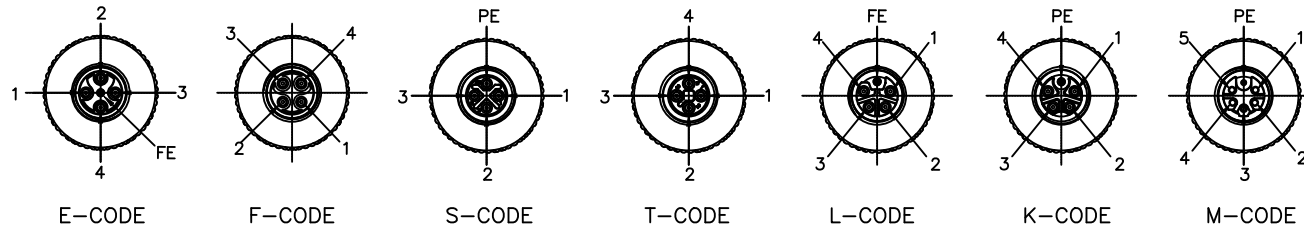


REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2024/09/11	ZK



Electrical character

Detailed Product Description:
Waterproof connector rating is IP67
They can not be used permanently under water
Per ISO-20653,IEC60529

Insulation resistance: >100MΩ
Contact resistance of connector ≤10mΩ
Mechanical characteristics: mating / cycle >100cycle
Operating temperature: -25°C ~ +85°C

Contact Pin: Copper alloy with gold-plated
Insulation plastic: PA66

Cable peeling: (covering: 25~30mm, Conductor: 5mm)
Cable OD: 8.0~12.0mm(2 types of waterproof hoses)
Core wire Max: 2.5mm²

ALL MATERIALS ARE RoHS COMPLIANT

Part Number	Contacts	Function	Pin ø (mm)	Rated voltage		Rated current	Rated impulse voltage
				A/C	D/C		
121005-02-019S		4+FE	1.5	63V	63V	16A	1.5KV
121305-02-005S		4+PE	1.5	630V	630V	12A	6KV
121406-02-002S		5+PE	1.0	630V	630V	8A	6KV
120504-02-009S		3+PE	1.5	630V	630V	12A	6KV
120503-02-002S		2+PE	1.5	630V	630V	12A	6KV
120604-02-009S		4	1.5	63V	63V	12A	1.5KV
121105-02-002S		4+FE	1.5	63V	63V	16A	1.5KV
121204-02-002S		4	1.5	63V	63V	16A	1.5KV



Shenzhen Signal Electronics Co., LTD

DRAWN BY	DATE
CHECKED BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE

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PERMISSION OF SIGNAL COMPANY IS PROHIBITED.

TITLE				M12 FEMALE PLASTIC ASSEMBLY CONNECTOR(WITH SIGNAL LOGO)	
SGN NO		SEE TABLE		REV.	
DWG NO				S0	
CUSTOMER					
TOLERANCES ARE:		THIRD ANGLE PROJECTION			
DECIMALES		ANGLES			
.x ±0.5		x.' ±2.0'			
.xx ±0.20		.x' ±1.0'			
		SIZE: A4		UNITS: mm	
		SCALE:		SHEET: 1 OF	