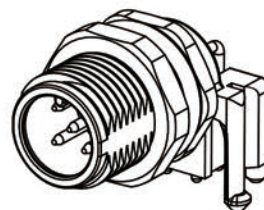
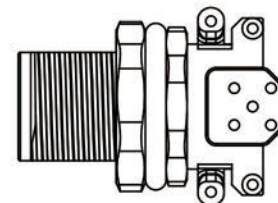
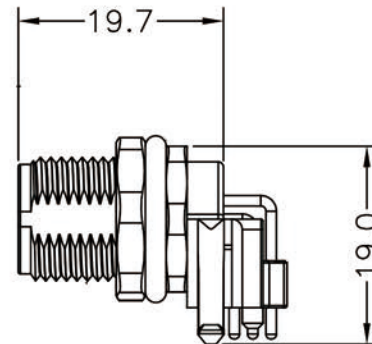
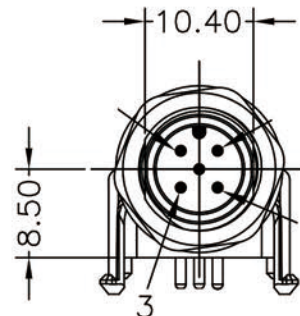


REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2025/06/02	ZK




Detailed Product Description:
Waterproof connector rating is IP67
They can not be used permanently under water

Connector Electrical Characteristics:
(After the terminal is assembled)
Rating voltage: 60V AC/DC
Insulation resistance: >100MΩ
Rating current: 4A
Contact resistance of connector: ≤5mΩ

Other Specification
Contact PIN: Copper alloy with Gold plating.
Coupling nut/screw: Brass with nickel plating
Insulation plastic: PA66+GF(UL94V-0)
Operating temperature: -25°C ~ +85°C
Insulation materials meet EN45545

ALL MATERIALS ARE RoHS COMPLIANT

 SIGNAL® ShenZhen Signal Electronics co., Ltd		TITLE M12 A 5P/M FRONT MOUNT CONNECTOR		
		SGN NO 120105-03-XXX	REV. S0	
DRAWN BY	DATE	DWG NO	CUSTOMER	
CHECKED BY	DATE			
CHECKED BY	DATE			
APPROVED BY	DATE	TOLERANCES ARE:		
<small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SIGNAL COMPANY. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF SIGNAL COMPANY IS PROHIBITED.</small>		DECIMALES	ANGLES	THIRD ANGLE PROJECTION
		.x ±0.5	x.* ±2.0°	SIZE: A4
		.xx ±0.20	.x* ±1.0°	UNITS: mm
		SCALE:	SHEET: 1 OF 1	