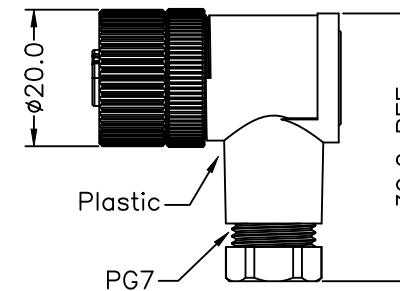
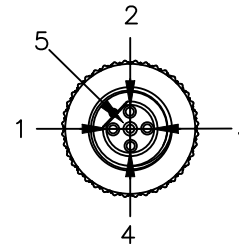
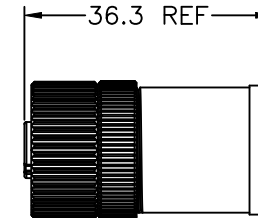
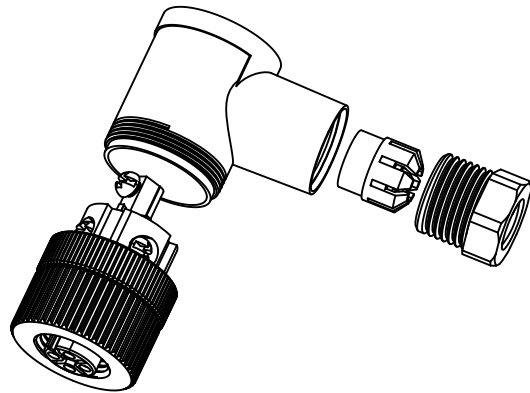


PROJECT NO:  
SGNYD2107029

REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2025/07/04	PWT




TERMINATION:SCREW

Detailed Product Description:  
Waterproof connector rating is IP65  
They can not be used permanently under water  
Per ISO-20653,IEC60529

Connector Electrical character  
Rating voltage: 60V AC/DC  
Insulation resistance: >100MΩ  
Rating current: 4A  
Contact resistance of connector ≤10mΩ  
Mechanical characteristics: mating / cycle >100cycle  
Operating temperature: -25°C ~ +85°C

Other Specification  
Contact PIN: Phosphor Copper with Gold plating.  
Coupling nut/screw: Brass with nickel plating  
Insulation plastic: PA66+GF  
O-Ring: FKM  
Cable OD: 4~6mm

\*ALL MATERIALS ARE RoHS COMPLIANT\*

 ShenZhen Signal Electronics co., Ltd		TITLE M12 5P FEMALE ASSEMBLY CONNECTOR PG7	
		SGN NO 120205-02-006	REV. S0
DRAWN BY	DATE	DWG NO	
CHECKED BY	DATE	CUSTOMER	
CHECKED BY	DATE		
APPROVED BY	DATE		
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.		TOLERANCES ARE:	THIRD ANGLE PROJECTION
		DECIMALES .x ±0.5 .xx ±0.20	ANGLES x.° ±2.0° .x.° ±1.0°
		SIZE: A4	UNITS: mm
		SCALE:	SHEET: 1 OF 1