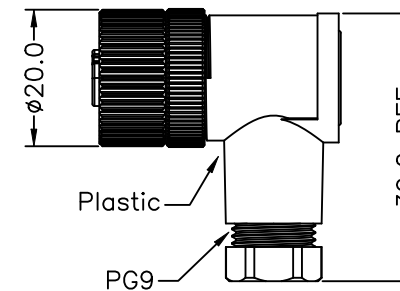
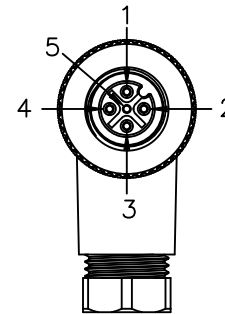
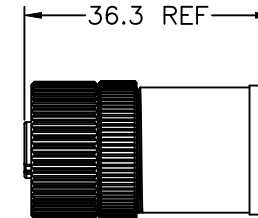
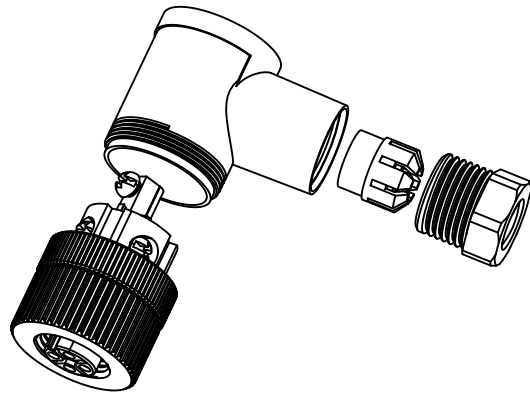


PROJECT NO:  
SGNYD2107029

| 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: 6~8mm

\*ALL MATERIALS ARE RoHS COMPLIANT\*

|                                                                                                                                                                                              |      |                                                  |                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------|-----------------------------------|
| <br>ShenZhen Signal Electronics co., Ltd                                                                |      | TITLE<br>M12 5P FEMALE ASSEMBLY<br>CONNECTOR PG9 |                                   |
|                                                                                                                                                                                              |      | SGN NO<br>120105-02-004                          | REV.<br>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<br>PROPERTY OF SIGNAL COMPANY.<br>ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN<br>PERMISSION OF SIGNAL COMPANY IS PROHIBITED. |      | TOLERANCES ARE:                                  | THIRD ANGLE<br>PROJECTION         |
|                                                                                                                                                                                              |      | DECIMALES<br>.x ±0.5<br>.xx ±0.20                | ANGLES<br>x.° ±2.0°<br>.x.° ±1.0° |
|                                                                                                                                                                                              |      | SIZE: A4                                         | UNITS: mm                         |
|                                                                                                                                                                                              |      | SCALE:                                           | SHEET: 1 OF 1                     |