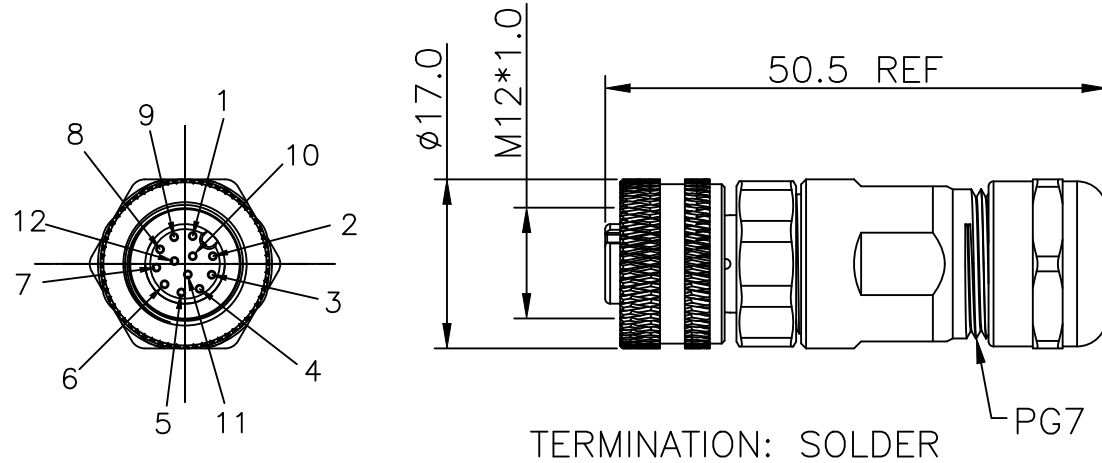


REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2025/07/04	PWT

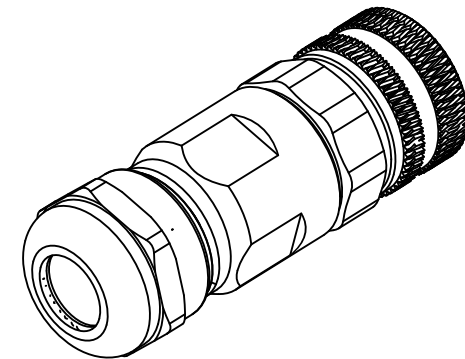



Detailed Product Description:
Waterproof connector rating is IP67
They can not be used permanently under water.

Connector Electrical Character:
Rating voltage: 30V AC/DC
Insulation resistance: >100MΩ
Rating current: 2A
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 NI plating
Insulation plastic: PA66+GF
Cable OD: 4~6mm

*ALL MATERIALS ARE RoHS COMPLIANT.



 SIGNAL® Shenzhen Signal Electronics Co., LTD		TITLE M12 A CODING 12PIN FEMALE ASSEMBLY CONNECTOR PG7	
		SGN NO 120112-02-001	REV.
DRAWN BY	DATE	DWG NO	S0
CHECKED BY	DATE	CUSTOMER	
APPROVED BY	DATE	TOLERANCES ARE:	THIRD ANGLE PROJECTION
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.		DECIMALES	ANGLES
		.x ±0.5	x.' ±2.0'
		.xx ±0.20	.x' ±1.0'
		SCALE:	UNITS: mm
		SHEET: 1 OF 1	