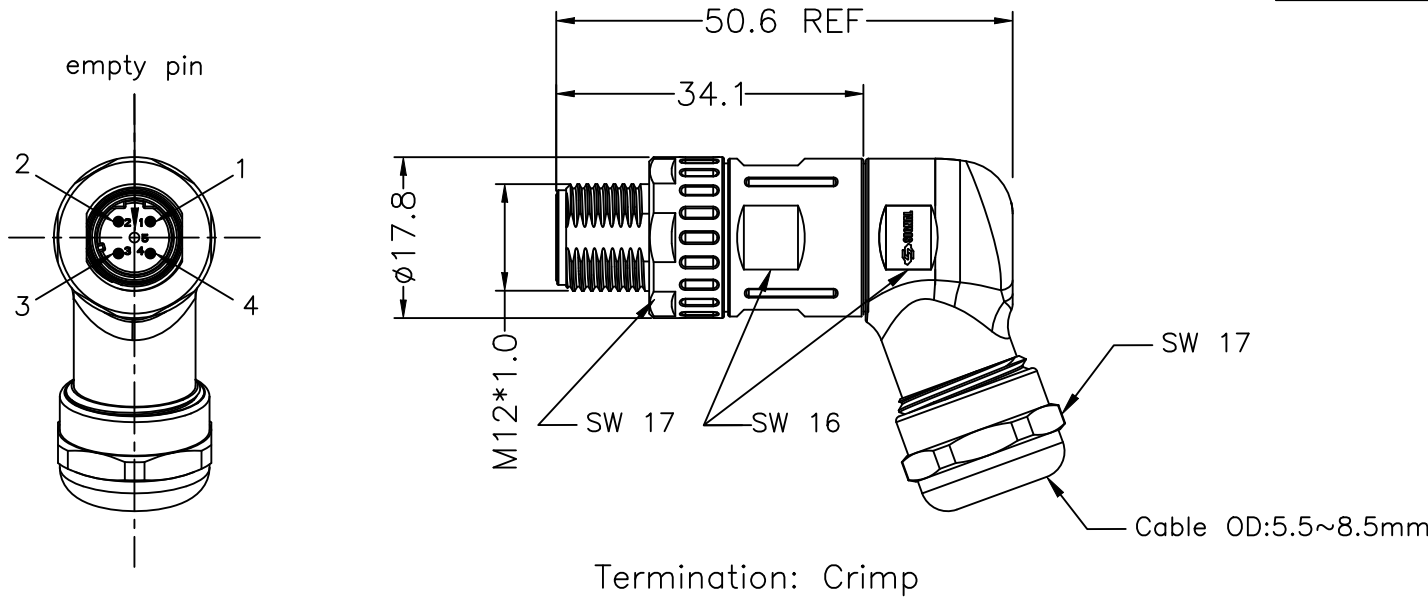


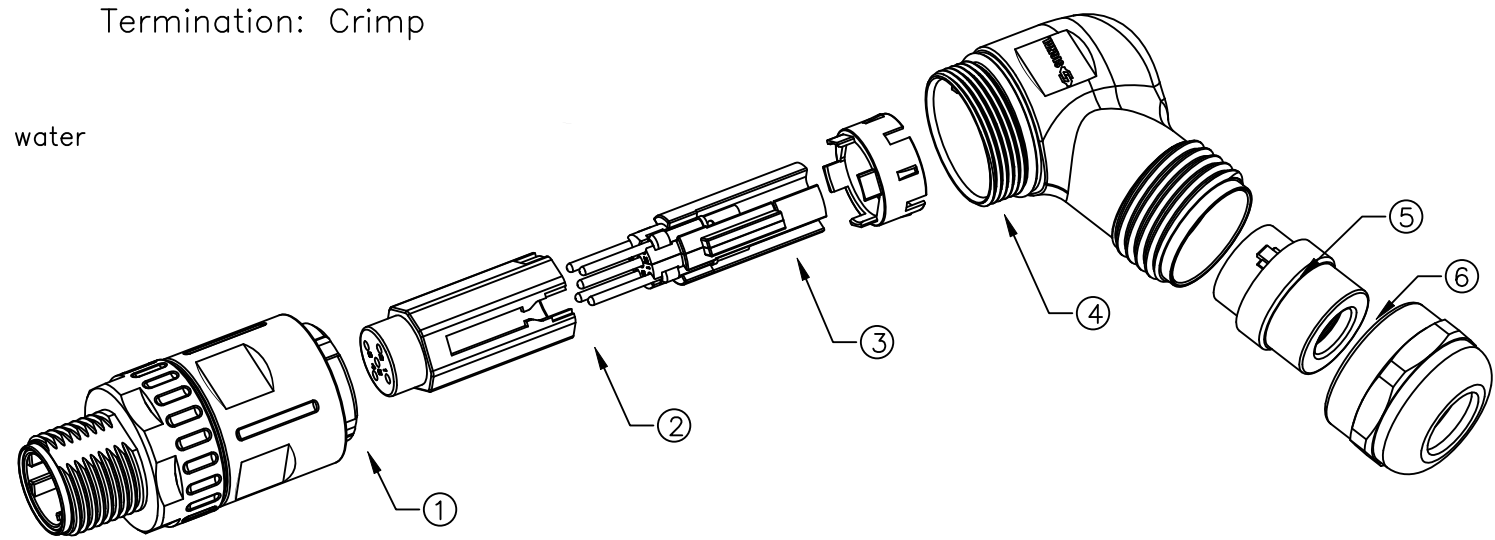
REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2025/09/27	ZK



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

Connector Electrical character
Rating voltage: 250V AC/DC
Insulation resistance: >100MΩ
Rating current : 4A
Contact resistance of connector ≤10mΩ
Mechanical characteristics:
mating / cycle >100cycle
Operating temperature: -25°C ~ +85°C

ALL MATERIALS ARE RoHS COMPLIANT



⑥	N/A	PG9 TAIL NUT	1	SET
⑤	N/A	TAIL WATERPROOF PARTS	1	SET
④	N/A	ANGLE METAL SHELL	1	SET
③	N/A	M12 D 4P MALE CONNECTOR PARTS	1	SET
②	N/A	INSULATOR SHEATH	1	SET
①	N/A	M12 D MALE SHELL PART	1	SET
ITEM	PART NO.	SPECIFICATION	Q'TY	UNIT



SIGNAL®
Shenzhen Signal Electronics Co., LTD

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

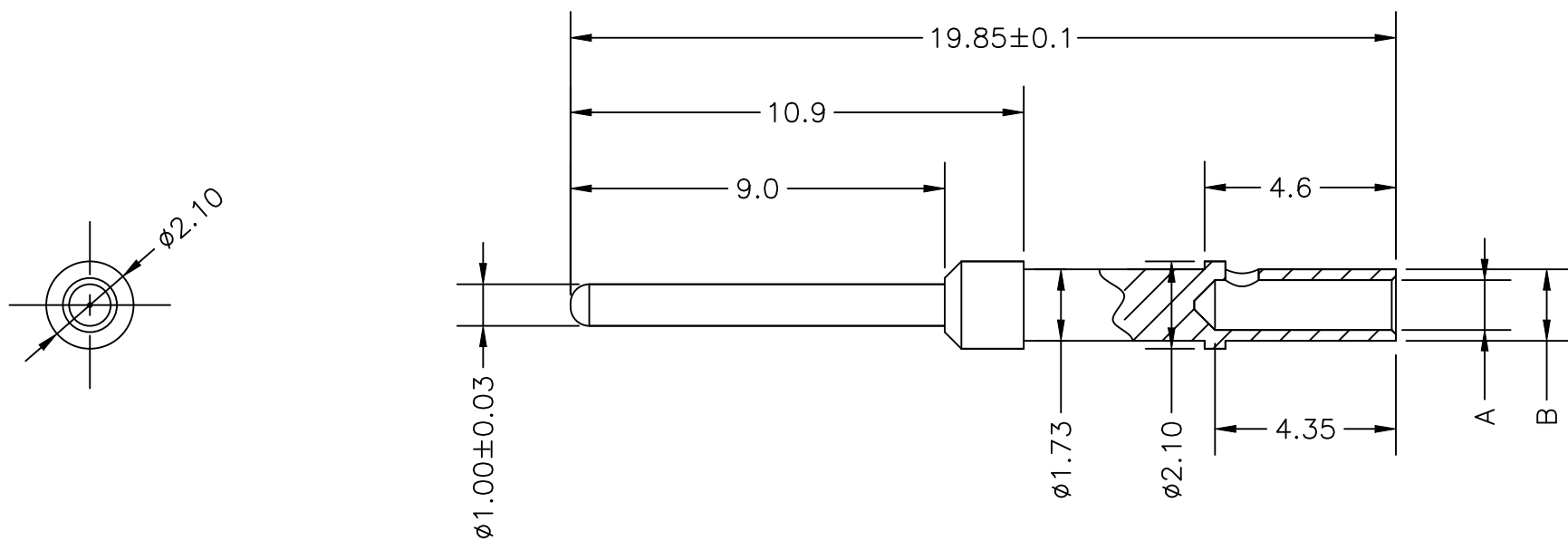
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TITLE: M12 D CODING 4P MALE ANGLE ASSEMBLY CONNECTOR

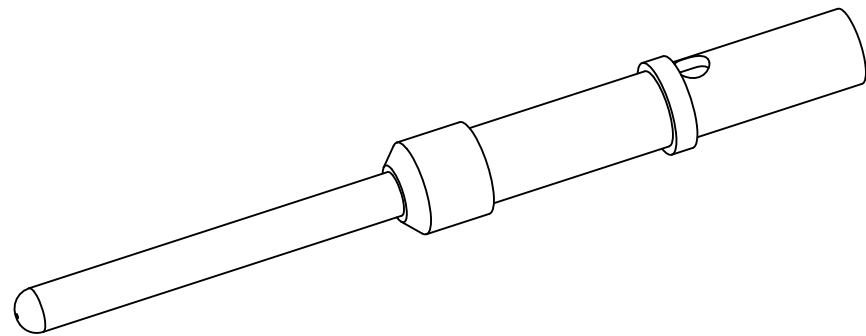
SGN NO	120404-01-058	REV.
DWG NO	HSGNN2602018	
CUSTOMER		S0

TOLERANCES ARE:		THIRD ANGLE PROJECTION
DECIMALES	ANGLES	
.x ±0.5	x.° ±2.0°	SIZE: A4
.xx ±0.20	.x.° ±1.0°	UNITS: mm
SCALE:		SHEET: 1 OF 1

REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2021/02/02	ZK
S1	UPDATE DRAWING	2025/03/21	ZK



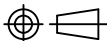
No.	A(mm)	B(mm)	Applicable diameter
FTE01113	1.10	1.70	22AWG~24AWG
FTE01421	1.30	1.90	18AWG~20AWG



Technical Requirements:

- Materials: Copper alloy
(Need to do heat treatment, hardness 90~120)
- Plating requirements: nickel base 80u" Gold-plated 3u"
- Product appearance smooth without obvious marks
- All materials are RoHS compliant

For M12 A/D-code 4P、A-code 5P male assemblies

 SIGNAL®		TITLE M12 MALE TERMINAL FOR CRIMPED CONNECTOR		
Shen Zhen Signal Electronics co.,Ltd				
DRAWN BY	DATE	SGN NO FTE01113 FTE01421	REV.	
CHECKED BY	DATE	DWG NO	S1	
CHECKED BY	DATE	CUSTOMER		
APPROVED BY	DATE	TOLERANCES ARE:		
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 ±0.10	x.° ±2.0°	
		.xx ±0.05	.x.° ±1.0°	
		THIRD ANGLE PROJECTION		
		SIZE: A4	UNITS: mm	
		SCALE: 1:1	SHEET: 1 OF 1	