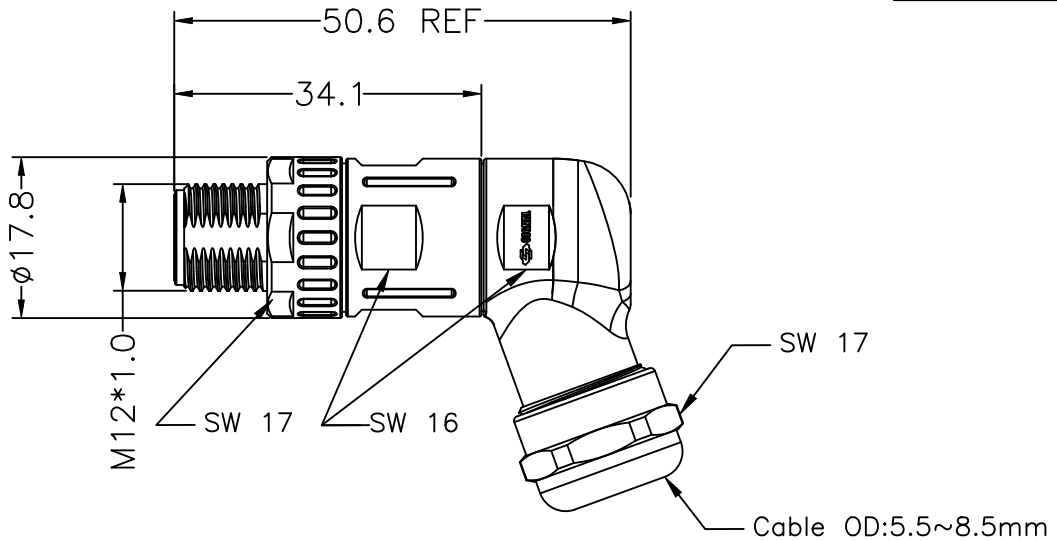
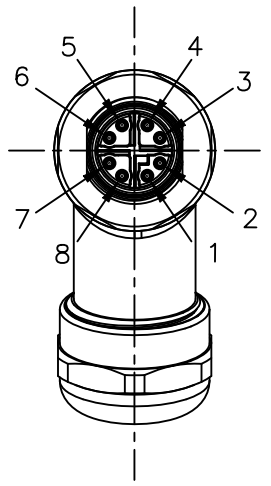


REV	DESCRIPTION	DATE	APPROVED
S0	CREATED DRAWING	2025/09/27	ZK

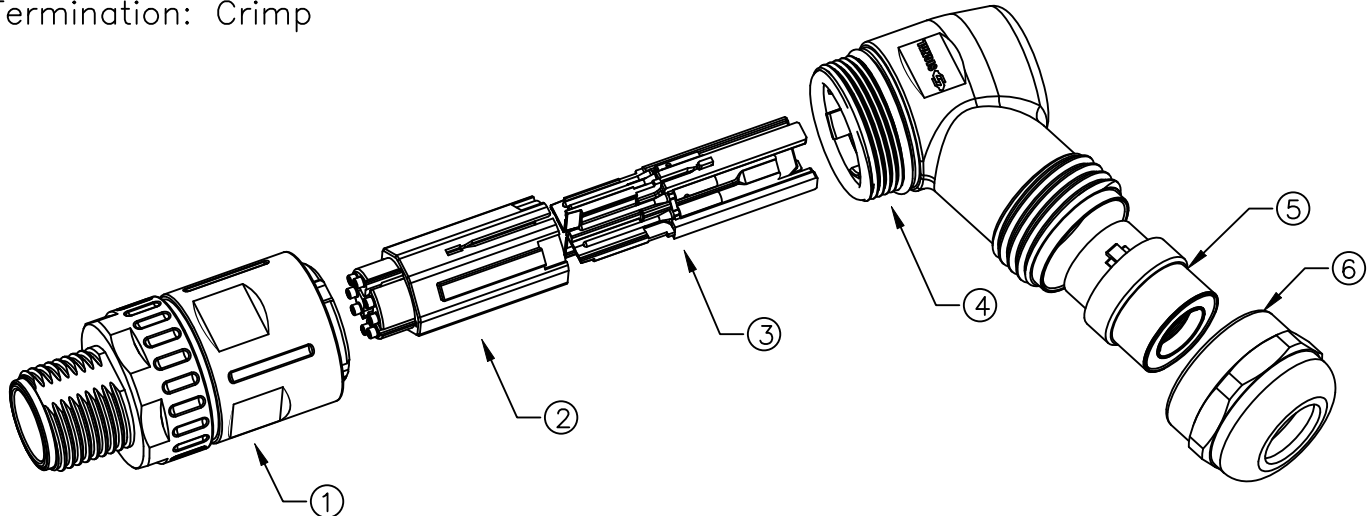


Termination: Crimp

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: 50V AC/60V DC
Insulation resistance: >100MΩ
Rating current : 0.5A
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 X 8P MALE CONNECTOR PARTS	1	SET
②	N/A	INSULATOR SHEATH	1	SET
①	N/A	M12 X MALE SHELL PART	1	SET
ITEM	PART NO.	SPECIFICATION	Q'TY	UNIT



SIGNAL[®]

Shenzhen Signal Electronics Co., LTD

DRAWN BY	DATE
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CHECKED BY	DATE
APPROVED BY	DATE

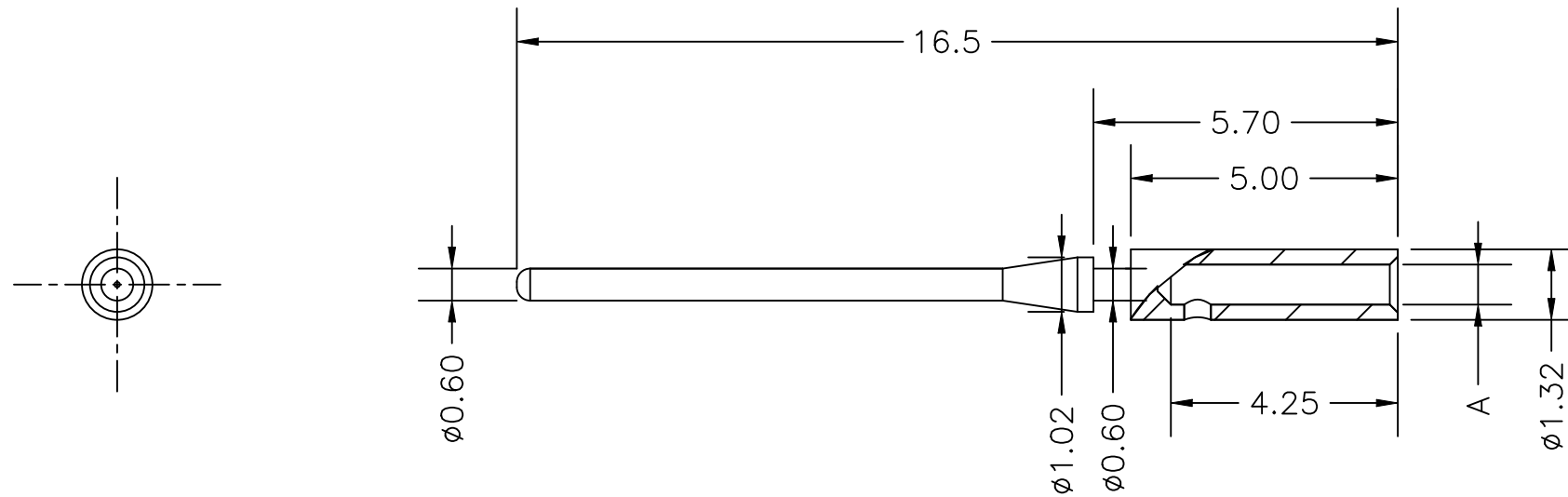
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TITLE M12 X CODING 8P MALE ANGLE ASSEMBLY CONNECTOR

SGN NO	120708-01-015	REV.
DWG NO	SGNW2509025-1	
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)	Applicable diameter
FTE01088	0.60	26AWG~28AWG
FTE01385	0.85	22AWG~24AWG

Technical Requirements:

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

For M12 X-code male assemblies

 SIGNAL®		TITLE		M12 X CODE COPPER ALLOY PLATED GOLD MALE TERMINAL	
Shen Zhen Signal Electronics co.,Ltd		SGN NO		FTE01088 FTE01385	
DRAWN BY		DATE		REV.	
CHECKED BY		DATE			
CHECKED BY		DATE		S1	
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		ANGLES	
		.x ±0.10 .xx ±0.05		x.* ±2.0° .x.* ±1.0°	
				UNITS: mm	
				SCALE: 1:1	
				SHEET: 1 OF 1	