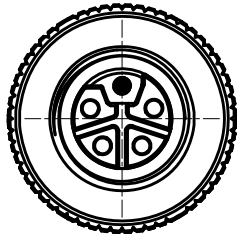
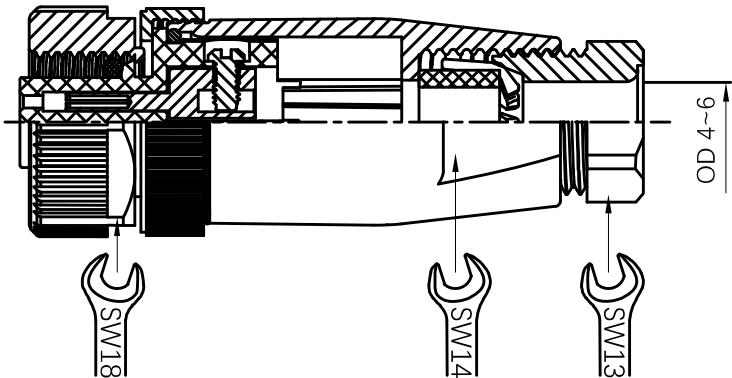
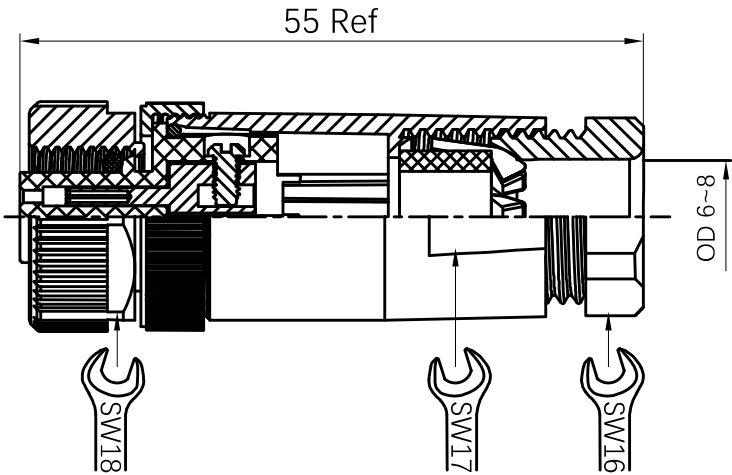
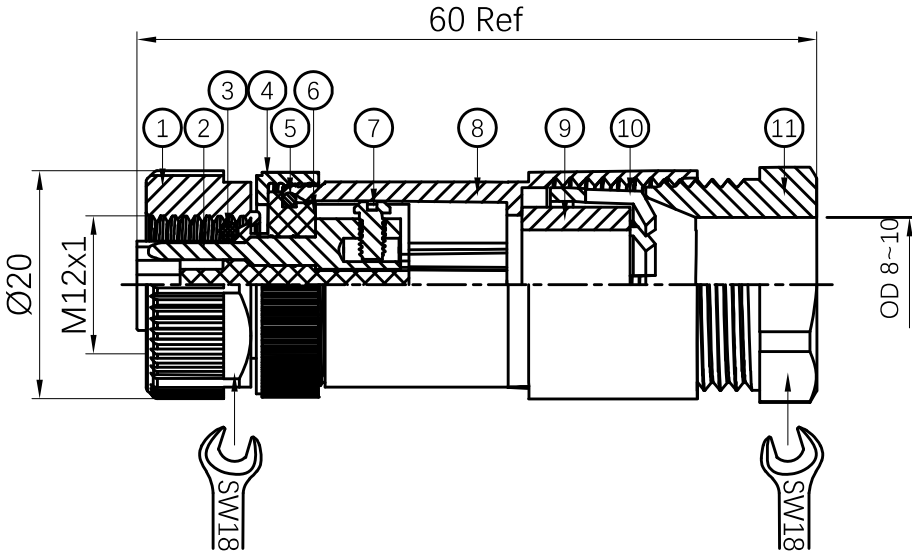


3D View



View A
See Table 1



Material:

1. M12 Metal Thread: Zinc Alloy, Plated Nickel
2. Contact: Copper Alloy, Plated Gold
3. O-Ring: Nitrile rubber, Black
4. Connection Nut: Nylon66, Black
5. O-Ring: Nitrile rubber, Black
6. Insulation Housing: Nylon66, Black
7. Screw: Carbon steel, Plated-Ni
8. Plastic Shell: Nylon66, Black
9. Cable Seal: Silicone, Black
10. Cable Clamp: Nylon66, Black
11. Pressing Nut: Nylon66, Black

Technical Data:

1. Standard: [See Table 1](#)
2. Rated Voltage: [See Table 1](#)
3. Rated Current: [See Table 1](#)
4. Rated Temperature: -40°C~+80°C
5. Durability: ≥500 Times Cycles
6. Protection Degree: IP67 (Correct locking state)

Connector Table 1

Part No.	Coding & Pins	Socket Pin out	Contact Size(mm)	Rated Current	Rated Voltage	Applicable Cable OD	Accord design Standard
M12AF04A8BK01	A Code 4 Pin		1.0	4A	250V/DC	4~6mm	IEC61076-2-101
M12AF04A8BK02						6~8mm	
M12AF05A8BK01	A Code 5 Pin		1.0	4A	60V/DC	4~6mm	IEC61076-2-101
M12AF05A8BK02						6~8mm	
M12AF08A8BK01	A Code 8 Pin		0.8	2A	30V/DC	4~6mm	IEC61076-2-101
M12AF04A8BK02						6~8mm	
M12BF05A8BK01	B Code 5 Pin		1.0	4A	60V/DC	4~6mm	IEC61076-2-101
M12DF04A8BK01	D Code 4 Pin		1.0	4A	250V/DC	4~6mm	IEC61076-2-101
M12KF05A8BK01	K Code 5 Pin		1.5	12A	630V/DC	8~10mm	IEC61076-2-111
M12LF05A8BK01	L Code 5 Pin		1.5	16A	63V/DC	8~10mm	IEC61076-2-111
M12MF06A8BK01	M Code 6 Pin		1.0	8A	630V/DC	8~10mm	IEC61076-2-111
M12SF04A8BK01	S Code 4 Pin		1.5	12A	630V/DC	8~10mm	IEC61076-2-111
M12TF04A8BK01	T Code 4 Pin		1.5	12A	63V/DC	8~10mm	IEC61076-2-111

UNMARKED TOLERANCES		TITLE M12 CONNECTOR SOCKET PLASTIC FIELD INSTALLATION STRAIGHT		EDOM ELECTRONICS CO., LTD.					
DIMENSIONS	TOLERANCE								
x.	±0.5								
x.x	±0.25								
x.xx	±0.15	CUSTOMER	-	CUSTOMER PART NO.	-				
0 to 500	+15 / -0	DRAWN BY	MAY.YU	PART NUMBER	M12XFXXXXBKXX	SIZE A3	REV A		
> 501	+3%/-0 of length	CHECKED BY	BILL.LEE	DRAWING NUMBER	M12XFXXXXBKXX				
ANGLES		APPROVED BY	TIGER.WANG	SCALE FREE	ALL DIMENSION UNIT IN MM	SHEET 1 OF 1			
x°	±1°								