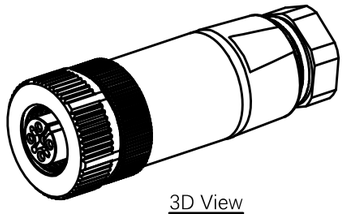
1	2	3	4	5	6	7	8	9	10	Customer drawing

REV	ECN NO	DESCRIPTION	DATE	APPROVED
A	-	NEW RELEASED	2022.01.05	MAY.YU

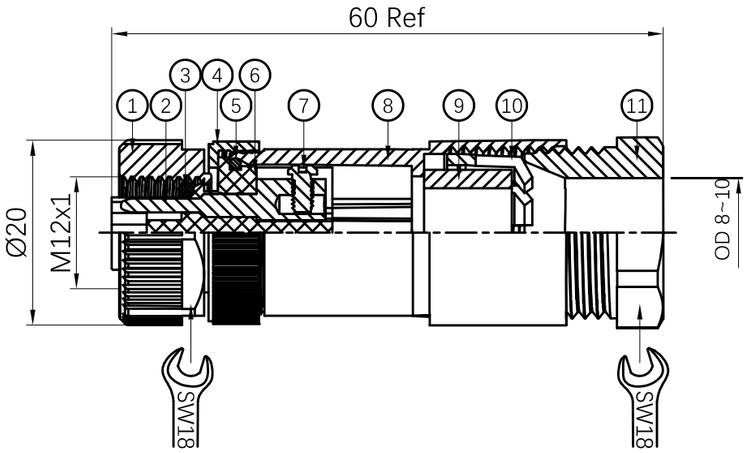
RoHS

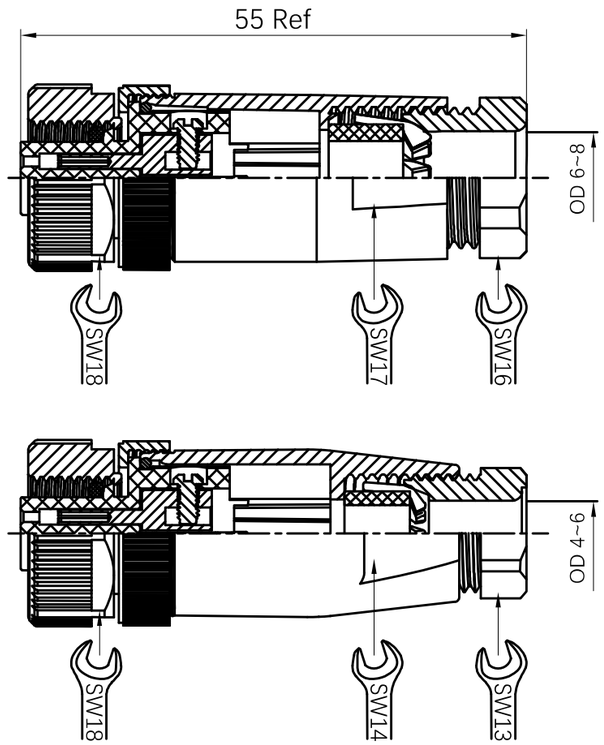


3D View



View A
See Table 1





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

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)

UNMARKED TOLERANCES	
DIMENSIONS	TOLERANCE
x.	±0.5
x.x	±0.25
x.xx	±0.15
0 to 500	+15 / -0
> 501	+3%/-0 of length
ANGLES	
x°	±1°

TITLE M12 CONNECTOR SOCKET PLASTIC FIELD INSTALLATION STRAIGHT		EDOM ELECTRONICS CO., LTD.			
CUSTOMER	-	CUSTOMER PART NO.	-		
DRAWN BY	MAY.YU	PART NUMBER	M12XFXXXXBKXX	SIZE A3	REV A
CHECKED BY	BILL.LEE	DRAWING NUMBER	M12XFXXXXBKXX		
APPROVED BY	TIGER.WANG	SCALE FREE	ALL DIMENSION UNIT IN MM	SHEET 1 OF 1	

0 10 20 30 40 50 60 70 80 90 100 110 120

A B C D E F