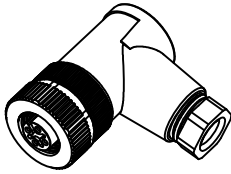
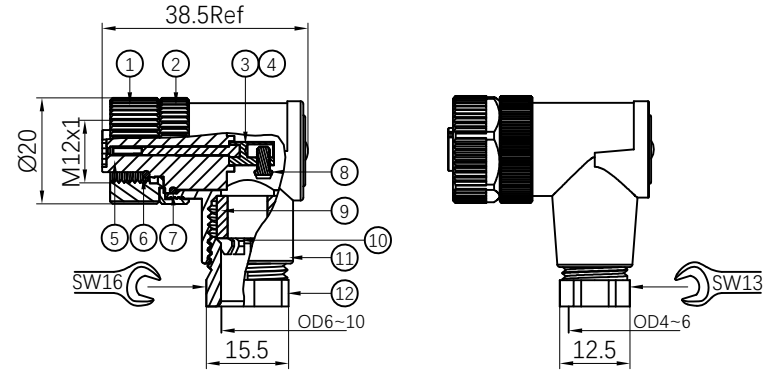
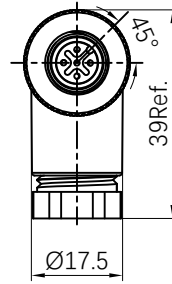


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO YAMETER AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.



3D View



Connector Table 1

Yameter Part No.	Coding & Pins	Socket Pin out	Contact Size(mm)	Rated Current	Rated Voltage	Applicable Cable OD	Accord design Standard
M12AF04A8BK31	A Code 4 Pin		1.0	4A	250V/DC	4~6mm	IEC61076-2-101
M12AF04A8BK32						6~8mm	
M12AF05A8BK31	A Code 5 Pin		1.0	4A	60V/DC	4~6mm	IEC61076-2-101
M12AF05A8BK32						6~8mm	
M12AF08A8BK31	A Code 8 Pin		0.8	2A	30V/DC	4~6mm	IEC61076-2-101
M12AF04A8BK32						6~8mm	
M12BF05A8BK31	B Code 5 Pin		1.0	4A	60V/DC	4~6mm	IEC61076-2-101
M12DF04A8BK31	D Code 4 Pin		1.0	4A	250V/DC	4~6mm	IEC61076-2-101
M12KF05A8BK31	K Code 5 Pin		1.5	12A	630V/DC	8~10mm	IEC61076-2-111
M12LF05A8BK31	L Code 5 Pin		1.5	16A	63V/DC	8~10mm	IEC61076-2-111
M12MF06A8BK31	M Code 6 Pin		1.0	8A	630V/DC	8~10mm	IEC61076-2-111
M12SF04A8BK31	S Code 4 Pin		1.5	12A	630V/DC	8~10mm	IEC61076-2-111
M12TF04A8BK31	T Code 4 Pin		1.5	12A	63V/DC	8~10mm	IEC61076-2-111



Material:

1. M12 Metal Thread: Copper Alloy, Plated Nickel
2. Connect Nut: Nylon66, Black
3. Contact: Copper Alloy, Plated Gold
4. Contact Insulation Sleeve: TPU, Black
5. Insulation: Nylon66, Black
6. O-Ring: NBR, Black
7. O-Ring: NBR, Black
8. Screw: Stainless iron
9. Cable Seal: NBR, Black
10. Cable Clamp: Nylon66, White
11. Shell Housing: Nylon66, Black
12. 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		TITLE M12 CONNECTOR SOCKET PLASTIC FIELD INSTALLATION RIGHT ANGLE		 Yameter				
DIMENSIONS	TOLERANCE							
x	±0.5	CUSTOMER	-	CUSTOMER PART NO.	-		SIZE A3	REV A
x.x	±0.25							
x.xx	±0.15							
0 to 500	+15 / -0	DRAWN BY	MAY.YU	PART NUMBER	M12XFXXXBK3X			
> 501	+3W/-0 not length	CHECKED BY	BILL.LEE	DRAWING NUMBER	M12XFXXXBK3X			
ANGLES		APPROVED BY	TIGER.WANG	SCALE FREE	ALL DIMENSION UNIT IN MM	SHEET 1 OF 1		
x°	±1°							

