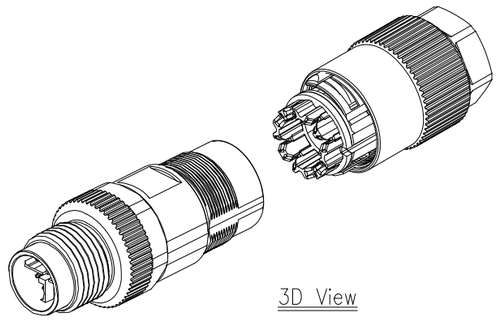
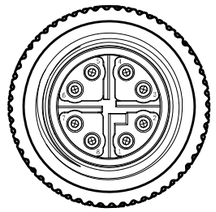
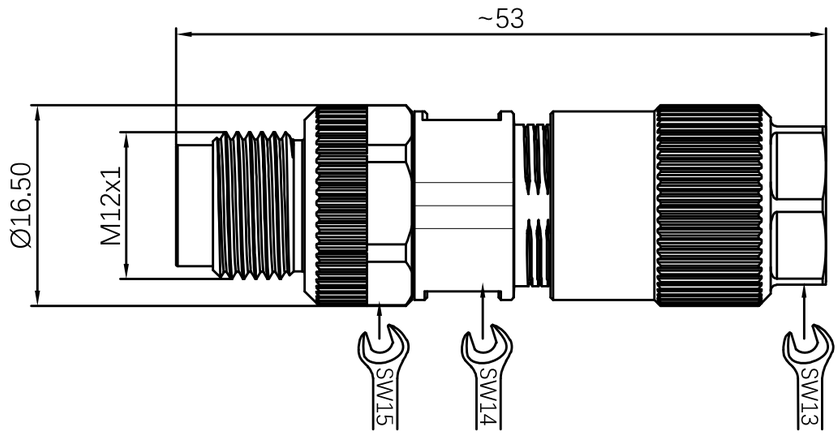
REV	ECN NO	DESCRIPTION	DATE	APPROVED
A	-	NEW RELEASED	2020.12.12	CLARA

RoHS



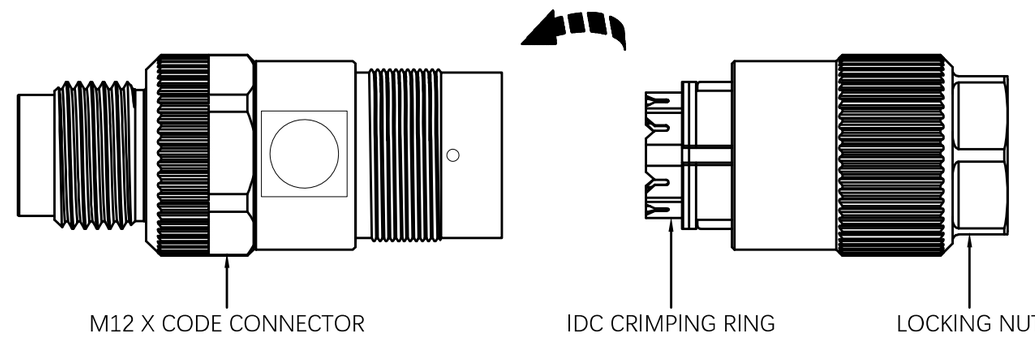
3D View





Material:
1. Metal Thread: Brass & Zinc Alloy, Nickel-Plated
2. Metal Housing: Brass & Zinc Alloy, Nickel-Plated
3. Cross Shell: Brass & Zinc Alloy, Nickel-Plated
4. Metal Shrapnel: Stainless Steel, Nickel-Plated
5. Snap Ring: Stainless Steel, Nickel-Plated
6. Insulation Housing: PA, Black
7. O-Ring: Silicone, Black
8. Metal Connect Nut: Brass & Copper Alloy, Nickel-Plated
9. Insulation Sleeve: PA, Black.
10. Metal Body: Brass & Zinc Alloy, Nickel-Plated
11. Clamp Ring: Copper Alloy, Nickel-Plated
12. Cable Clamp: PA, Black
13. O-Ring: Silicone, Black
14. Pressing Nut: Brass & Zinc Alloy, Nickel-Plated
15. Seal: Silicone, Black
16. Contact: Copper Alloy, Gold-Plated

Technical Data:
1. Standard: IEC61076-2-109
2. Rated Voltage: DC60V/AC50V
3. Rated Current: 0.5A
4. Temperature Range: -40°C~+80°C
5. Mating Life: ⩾500 Times Cycles
6. Protection Degree: IP67 (Correct locking state)
7. Transmission rate: 10Gbit/s
8. Bandwidth requirements: CAT6a
9. Applicable Cable Diameter: Ø6.8~9.0mm
10. Applicable Wire Gauge: 26AWG~23AWG



Pin Assignment		
IEC61076-2-109 TIA/EIA568A	**TIA/EIA568B**	**WIRE COLOR**
1	1	WHITE/ORANGE
2	2	ORNAGE
3	3	WHITE/GREEN
4	6	GREEN
5	7	WHITE/BROWN
6	8	BROWN
7	5	WHITE/BLUE
8	4	BLUE

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 X CODE PLUG CONNECTOR IDC TERMINAL METAL FIELD INSTALLATION	EDOM ELECTRONICS CO., LTD.			
CUSTOMER	-	CUSTOMER PART NO.	1411043		
DRAWN BY	CLARA	PART NUMBER	M12XM08A7BK22	SIZE A3	REV A
CHECKED BY	BILL	DRAWING NUMBER	M12XM08A7BK22		
APPROVED BY	KIMKEE	SCALE FREE	ALL DIMENSION UNIT IN MM	SHEET 1 OF 1	

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