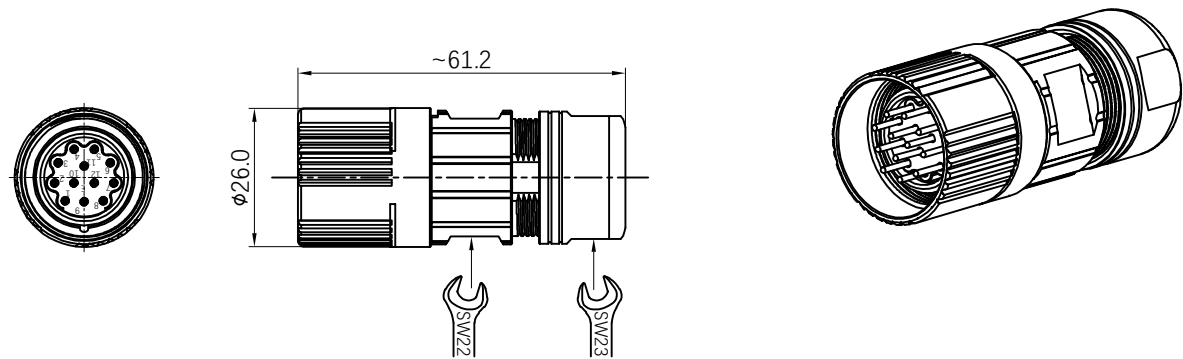


REV	ECN NO	DESCRIPTION	DATE	APPROVED
A	-	NEW RELEASED	2022.01.05	MAY.YU



Connector Table 1

Yameter Part No.	Coding & Pins	Plug Pin out	Applicable AWG	Rated Current	Rated Voltage
M23AM06A7BK01	A Code 6 Pin		2.5mm ²	20A	250V AC/DC
M23AM09A7BK01	A Code 9 Pin		1.5mm ² 2.5mm ²	8A 20A	250V AC/DC
M23AM12A7BK01	A Code 12 Pin		1.0mm ²	8A	125V AC/DC
M23AM17A7BK01	A Code 17 Pin		1.0mm ²	8A	125V AC/DC
M23AM19A7BK01	A Code 19 Pin		1.0mm ² 1.5mm ²	8A 10A	125V AC/DC



- Material:
- 1. M23 Metal Thread: Zinc Alloy, Nickel-Plated
 - 2. Contact: Copper Alloy, Gold-Plated
 - 3. Clasp ring: Copper Alloy, Nickel-Plated
 - 4. Insulation Housing: PBT, Natural
 - 5. Insulation Sleeve: PA, Black
 - 6. Metal Shell: Zinc Alloy, Nickel-Plated
 - 7. Clasp ring: Copper Alloy, Nickel-Plated
 - 8. O-Ring: FKM, Green
 - 9. Cable Clamp: PA, Black
 - 10. Cable Seal: FKM, Green
 - 11. Pressing Nut: Copper Alloy, Nickel-Plated
- Technical Data:
- 1. Standard: DIN 43650
 - 2. Rated Voltage: [See Table 1](#)
 - 3. Rated Current: [See Table 1](#)
 - 4. Rated Temperature: -40°C~+125°C
 - 5. Durability: ≥ 500 Times Cycles
 - 6. Protection Degree: IP67 (Correct locking state)

UNMARKED TOLERANCES		TITLE		M23 MOTOR CONNECTOR		Yameter		QR CODE	
DIMENSIONS	TOLERANCE	M23 MOTOR CONNECTOR		STRAIGHT PLUG METAL FIELD					
x	±0.5	CUSTOMER		-		CUSTOMER PART NO.			
x.x	±0.25	DRAWN BY		MAY.YU		PART NUMBER		M23AMXXA7BK01	
x.xx	±0.15	CHECKED BY		BILL.LEE		DRAWING NUMBER		M23AMXXA7BK01	
0 to 500	+15 / -0	APPROVED BY		TIGER.WANG		SCALE FREE		ALL DIMENSION UNIT IN MM	
> 501	+3%/ -0 of length							SHEET 1 OF 1	
ANGLES									
x°	±1°								

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