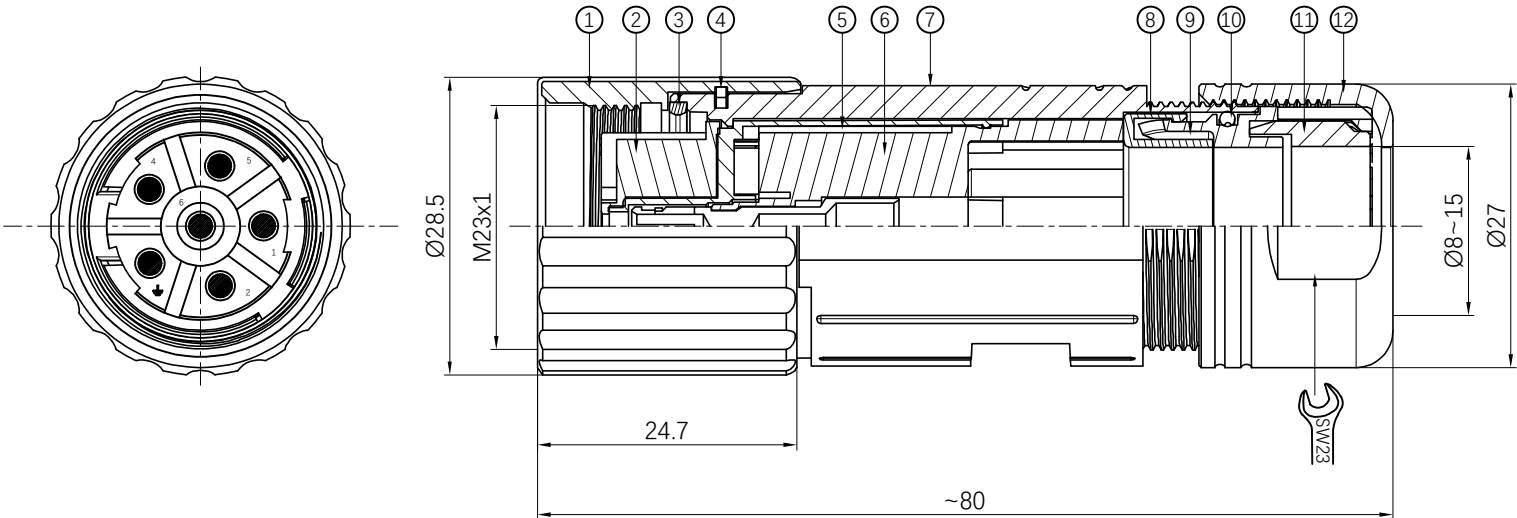


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO YAMETER AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

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

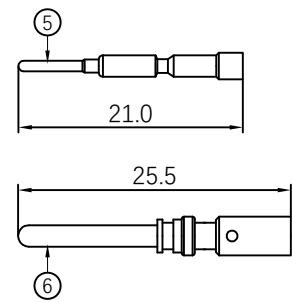
- Material:
- 1. M23 Thread: Copper Alloy, Plated Nickel
 - 2. Insulation Housing: PA,Magenta
 - 3. Seal Gasket: FKM,Green
 - 4. SNAP Ring: Copper Alloy, Plated Nickel
 - 5. Insulation Sleeve: PA, White
 - 6. Insulation Bracket: PA, Black
 - 7. Shell: Zinc Alloy, Plated Nickel
 - 8. Shield Ring: Copper Alloy, Plated Nickel
 - 9. Cable Clamp: PA, Black
 - 10. O-Ring: FKM,Green
 - 11. Seal Gasket: FKM,Green
 - 12. Pressing Nut: Copper Alloy, Plated Nickel
 - 13. Contact crimp: 4xØ1.0, Copper Alloy, Plated Gold
 - 14. Contact crimp: 4xØ2.0, Copper Alloy, Plated Gold

- Technical Data:
- 1. Standard: DIN 43650
 - 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

Yameter Part No.	Coding & Pins	Plug Pin out	Applicable AWG	Rated Current	Rated Voltage
M23AM06A7BK05	A Code 6 Pin		2.5mm ²	20A	630V AC/DC
M23AM08A7BK05	A Code 8 Pin		1.5mm ² 2.5mm ²	8A 20A	250V AC/DC



UNMARKED TOLERANCES		TITLE M23 POWER CONNECTOR MOTOR PLUG METAL FIELD INSTALLATION STRAIGHT		 Yameter 					
DIMENSIONS	TOLERANCE								
x	±0.5	CUSTOMER	-	CUSTOMER PART NO.	-	 			
x.x	±0.25								
x.xx	±0.15								
0 to 500	+15 / -0	DRAWN BY	MAY.YU	PART NUMBER	M23AMXXA7BK05			SIZE A4	REV A
≥ 501	+3%/-0 _{of length}	CHECKED BY	BILL.LEE	DRAWING NUMBER	M23AMXXA7BK05				
ANGLES		APPROVED BY	TIGER.WANG	SCALE FREE	ALL DIMENSION UNIT IN MM		SHEET 1 OF 1		
x°	±1°								

