

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

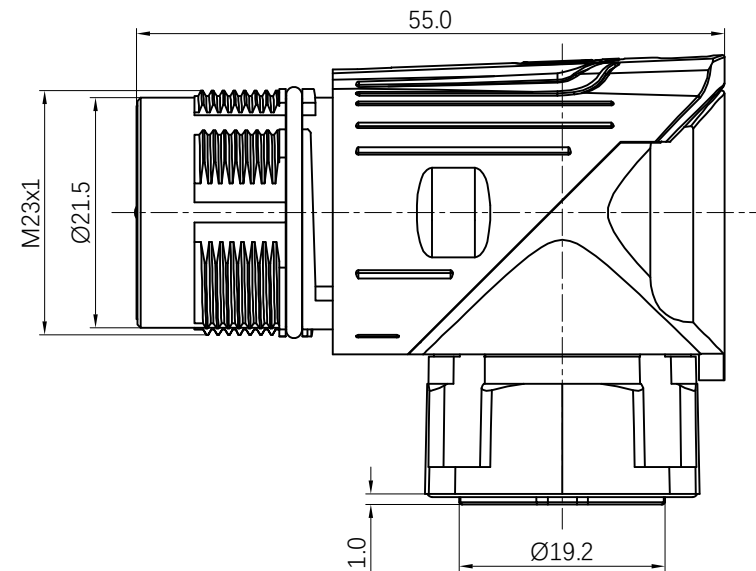
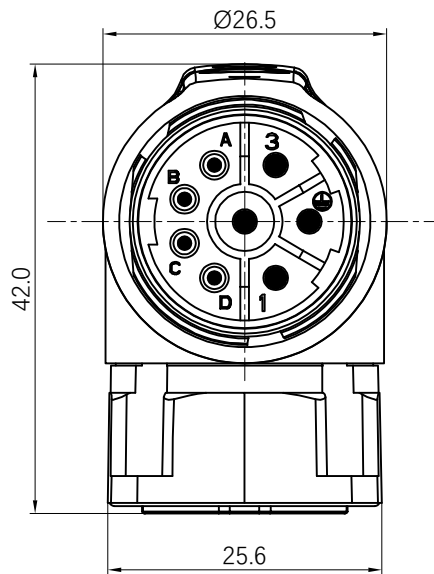


Material:

1. M23 Thread Shell: Zinc Alloy, Plated Nickel
2. Insulation Housing: PA
3. Seal Gasket: FKM,Green
4. O-Ring: NBR,Green
5. Contact crimp: 4x ϕ 1.0, Copper Alloy, Plated Gold
6. Contact crimp: 4x ϕ 2.0, Copper Alloy, Plated Gold

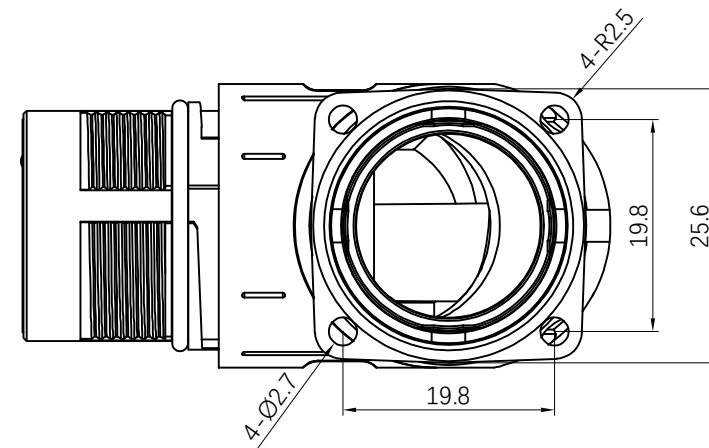
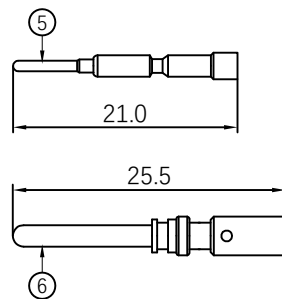
Technical Data:

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: $\geq$ 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
M23AP06A7BK05	A Code 6 Pin		2.5mm ²	20A	630V AC/DC
M23AP08A7BK05	A Code 8 Pin		1.5mm ² 2.5mm ²	8A 20A	250V AC/DC



UNMARKED TOLERANCES		TITLE		Yameter		QR Code	
DIMENSIONS	TOLERANCE	M23 DEVICE CONNECTOR					
x	±0.5	MOTOR POWER PLUG METAL					
x.x	±0.25	ANGLE RIGHT					
x.xx	±0.15	CUSTOMER	-	CUSTOMER PART NO.	-		
0 to 500	+15 / -0	DRAWN BY	MAY.YU	PART NUMBER	M23APXXA7BK05	SIZE	REV
> 501	+3%/ -0 of length	CHECKED BY	BILL.LEE	DRAWING NUMBER	M23APXXA7BK05	A4	A
ANGLES		APPROVED BY	TIGER.WANG	SCALE FREE	ALL DIMENSION UNIT IN MM	SHEET 1 OF 1	
x°	±1°						