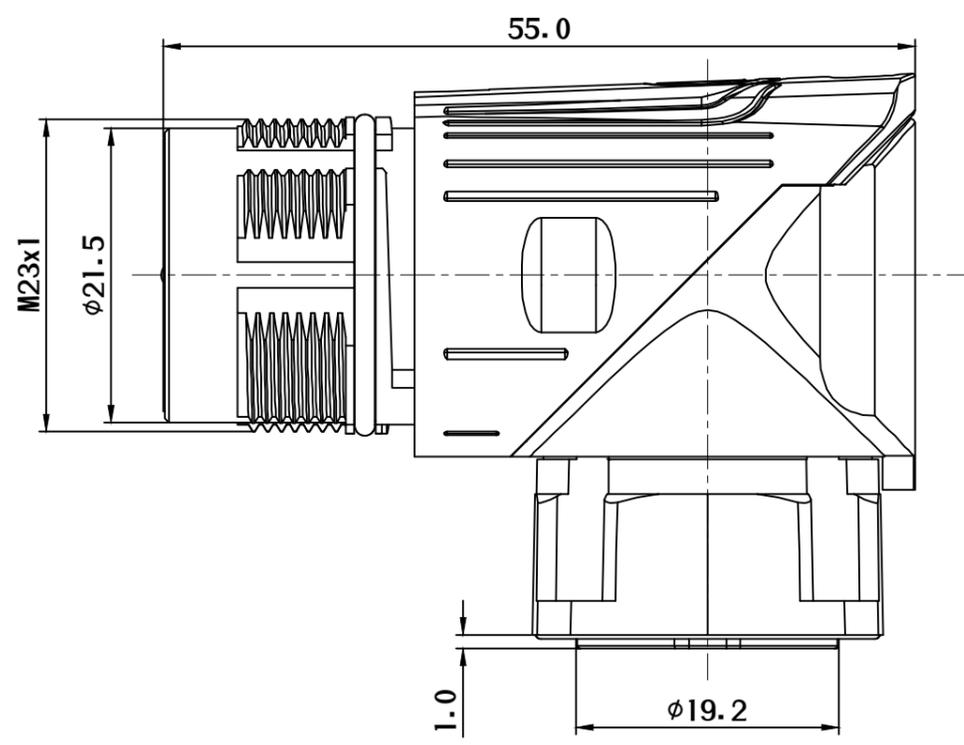
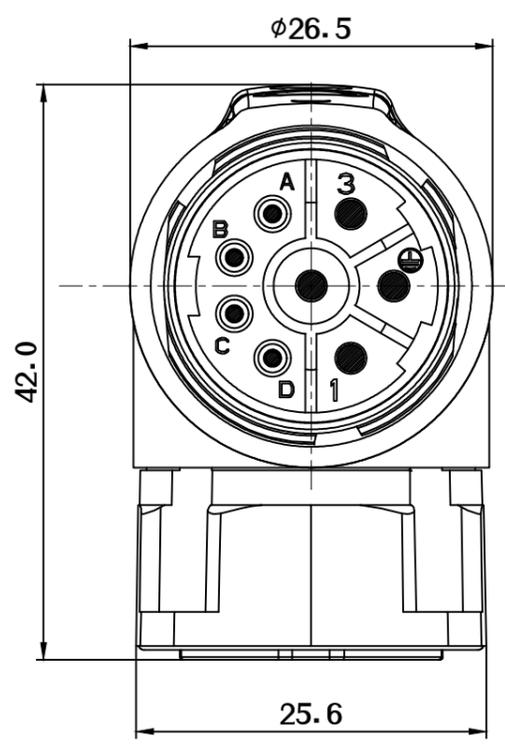
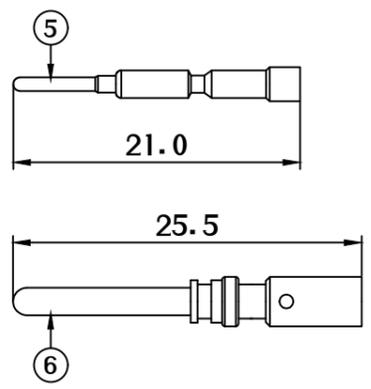
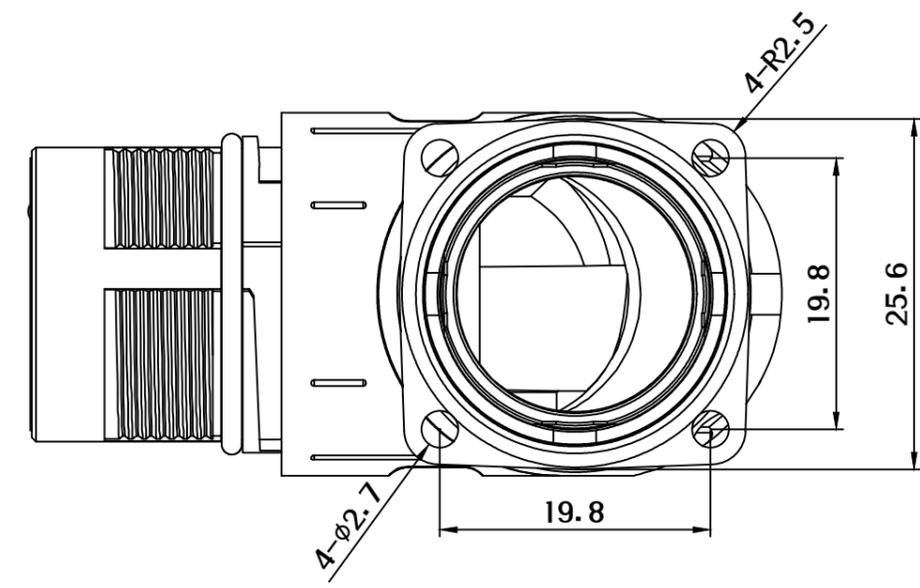


REV	ECN NO	DESCRIPTION	DATE	APPROVED
AA	-	NEW RELEASED	2020.03.25	CLARA



- Material:**
- M23 Thread Shell: Zinc Alloy, Plated Nickel
  - Insulation Housing: PA
  - Seal Gasket: FKM, Green
  - O-Ring: NBR, Green
  - Contact crimp: 4x $\phi$ 1.0, Copper Alloy, Plated Gold
  - Contact crimp: 4x $\phi$ 2.0, Copper Alloy, Plated Gold

- Technical Data:**
- Standard: DIN 43650
  - Rated Voltage: See Table 1
  - Rated Current: See Table 1
  - Rated Temperature:  $-40^{\circ}\text{C}$ ~ $+80^{\circ}\text{C}$
  - Durability:  $\geq$ 500 Times Cycles
  - Protection Degree: IP67 (Correct locking state)



Connector Table 1

Bomcan Part No.	Coding & Pins	Plug Pin out	Applicable AWG	Rated Current	Rated Voltage
M23A06PD05ST	A Code 6 Pin		2.5mm <sup>2</sup>	20A	630V AC/DC
M23A08PD05ST	A Code 8 Pin		1.5mm <sup>2</sup> 2.5mm <sup>2</sup>	8A 20A	250V AC/DC

UNMARKED TOLERANCES	
DIMENSIONS	TOLERANCE
x.	$\pm 1.0$
x.x	$\pm 0.5$
x.xx	$\pm 0.25$
0 to 500	+15 / -0
< 501	+3% / -0 of length
ANGLES	
x°	$\pm 1^{\circ}$



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DESCRIPTION	M23 DEVICE CONNECTOR POWER CRIMP CONACT FLANGE INSTALLATION			
DWG NO	M23AXXP05ST	BOMCAN PART No	M23AXXP05ST	
DRAWN BY	CLARA 2020.03.25	CUSTOMER P/N	-	
CHECKED BY	CALEB 2020.03.25	SIZE: A3	SHEET	UNIT
APPROVED BY	BILL 2020.03.25	REV: AA	1 of 1	mm
		SCALE	Free	Third angle projection