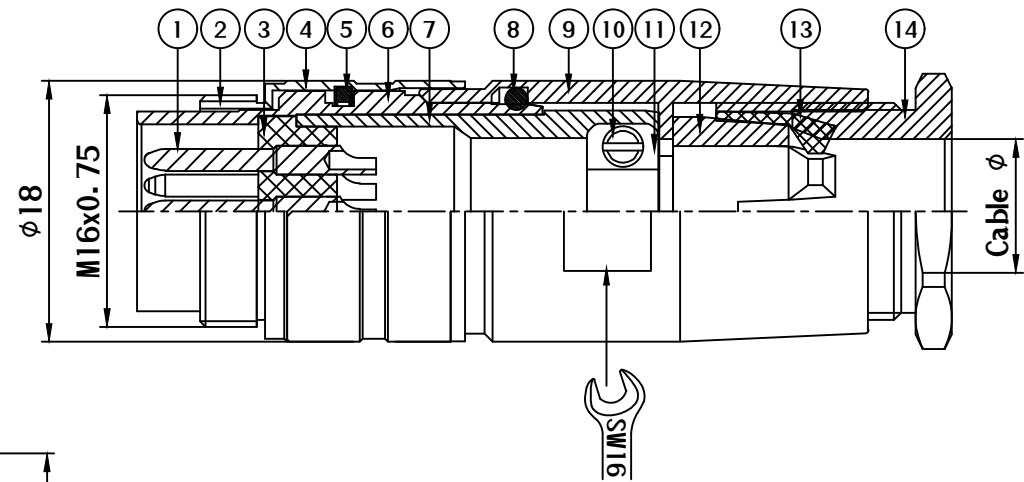
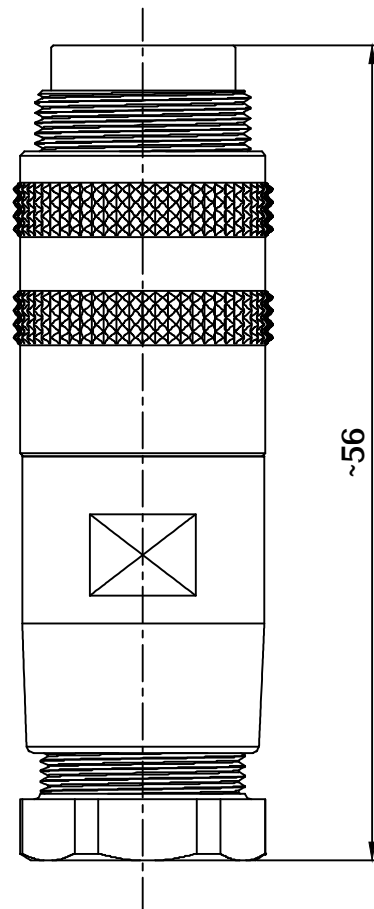
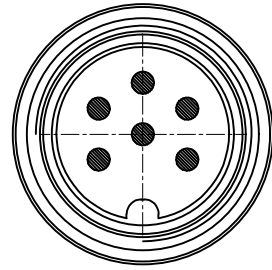


1	2	3	4	5	6	7	Customer drawings
REV	ECN NO	DESCRIPTION	DATE	APPROVED			
AA	-	NEW RELEASED	2020.03.25	CLARA			

Connector Table 1

Bomcan Connector Part Number	Coding & Pins	Plug Pin out	Contact Size(mm)	Rated Voltage	Rated Current	Impulse Voltage	Applicable Cable OD
M16A03PM01ST	A Code 3 Pin		1.5	250V/DC	5A	1500V/DC	PG7
M16A03PM02ST							PG9
M16A04PM01ST	A Code 4 Pin		1.5	250V/DC	5A	1500V/DC	PG7
M16A04PM02ST							PG9
M16A05PM01ST	A Code 5 Pin		1.5	250V/DC	5A	1500V/DC	PG7
M16A05PM02ST							PG9
M16B05PM01ST	B Code 5 Pin		1.5	60V/DC	5A	1500V/DC	PG7
M16B05PM02ST							PG9
M16A06PM01ST	A Code 6 Pin		1.5	250V/DC	5A	800V/DC	PG7
M16A06PM02ST							PG9
M16A07PM01ST	A Code 7 Pin		1.5	125V/DC	5A	800V/DC	PG7
M16A07PM02ST							PG9
M16B07PM01ST	B Code 7 Pin		1.5	60V/DC	5A	800V/DC	PG7
M16B07PM02ST							PG9
M16A08PM01ST	A Code 8 Pin		1.5	60V/DC	5A	800V/DC	PG7
M16A08PM02ST							PG9
M16A12PM01ST	A Code 12 Pin		1.0	60V/DC	3A	800V/DC	PG7
M16A12PM02ST							PG9
M16A14PM01ST	A Code 14 Pin		1.0	60V/DC	3A	800V/DC	PG7
M16A14PM02ST							PG9
M16B14PM01ST	B Code 14 Pin		1.0	60V/DC	3A	800V/DC	PG7
M16B14PM02ST							PG9
M16A16PM01ST	A Code 16 Pin		1.0	60V/DC	3A	800V/DC	PG7
M16A16PM02ST							PG9
M16A19PM01ST	A Code 19 Pin		1.0	60V/DC	3A	800V/DC	PG7
M16A19PM02ST							PG9
M16A24PM01ST	A Code 24 Pin		0.5	60V/DC	1A	500V/DC	PG7
M16A24PM02ST							PG9

View A  
See Table 1



Material:

1. Contact: Copper Alloy, Gold-Plated
2. M16 Metal Thread: Zinc Alloy, Nickel-Plated
3. Insulation Housing: PA, Black
4. Connect Housing: Copper Alloy, Nickel-Plated
5. Snap Ring: Copper Alloy, Nickel-Plated
6. Connect Shell: Zinc Alloy, Nickel-Plated
7. Insulation Fixed Shell: Zinc Alloy, Nickel-Plated
8. O-Ring: NBR, Black
9. Boot Shell: Copper Alloy, Nickel-Plated
10. Screw: Copper Alloy, Nickel-Plated
11. Butterfly Slice: Copper Alloy, Nickel-Plated
12. Cable Sealing: Silicone, Black
13. Cable Clamp: PA, Black
14. Pressing Nut: PA, Black

Technical Data:

1. Standard: IEC61076-2-106
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)



UNMARKED TOLERANCES	
DIMENSIONS	TOLERANCE
x	±1.0
x.x	±0.5
x.xx	±0.25
0 to 500	+15 / -0
< 501	+3% / -0 of length
ANGLES	
x°	±1°



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DESCRIPTION	M16 CONNECTOR PLUG FIELD INSTALLATION METAL SHIELD STRAIGHT			
DWG NO	M16XXXPMMXST	BOMCAN PART No	M16XXXPMMXST	
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	Third angle projection
			Free	