

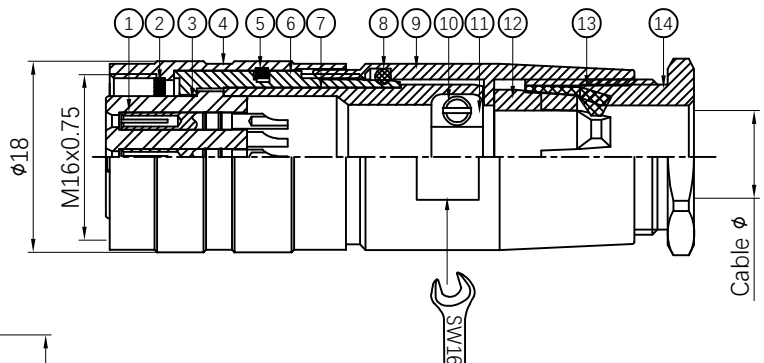
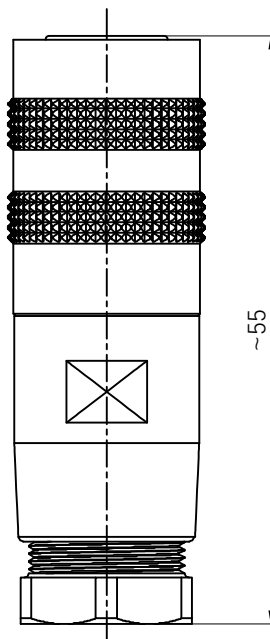
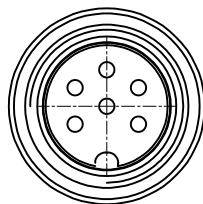
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REV	ECN NO	DESCRIPTION	DATE	APPROVED
A	-	NEW RELEASED	2022.01.05	MAY.YU

Connector Table 1

Bomcan Connector Part Number	Coding & Pins	Socket Pin out	Contact Size(mm)	Rated Voltage	Rated Current	Impulse Voltage	Applicable Cable OD
M16AF03A6BK01	A Code 3 Pin		1.5	250V/DC	5A	1500V/DC	PG7
M16AF03A6BK02							PG9
M16AF04A6BK01	A Code 4 Pin		1.5	250V/DC	5A	1500V/DC	PG7
M16AF04A6BK02							PG9
M16AF05A6BK01	A Code 5 Pin		1.5	250V/DC	5A	1500V/DC	PG7
M16AF05A6BK02							PG9
M16BF05A6BK01	B Code 5 Pin		1.5	60V/DC	5A	1500V/DC	PG7
M16BF05A6BK02							PG9
M16AF06A6BK01	A Code 6 Pin		1.5	250V/DC	5A	800V/DC	PG7
M16AF06A6BK02							PG9
M16AF07A6BK01	A Code 7 Pin		1.5	125V/DC	5A	800V/DC	PG7
M16AF07A6BK02							PG9
M16BF07A6BK01	B Code 7 Pin		1.5	60V/DC	5A	800V/DC	PG7
M16BF07A6BK02							PG9
M16AF08A6BK01	A Code 8 Pin		1.5	60V/DC	5A	800V/DC	PG7
M16AF08A6BK02							PG9
M16AF12A6BK01	A Code 12 Pin		1.0	60V/DC	3A	800V/DC	PG7
M16AF12A6BK02							PG9
M16AF14A6BK01	A Code 14 Pin		1.0	60V/DC	3A	800V/DC	PG7
M16AF14A6BK02							PG9
M16BF14A6BK01	B Code 14 Pin		1.0	60V/DC	3A	800V/DC	PG7
M16BF14A6BK02							PG9
M16AF16A6BK01	A Code 16 Pin		1.0	60V/DC	3A	800V/DC	PG7
M16AF16A6BK02							PG9
M16AF19A6BK01	A Code 19 Pin		1.0	60V/DC	3A	800V/DC	PG7
M16AF19A6BK02							PG9
M16AF24A6BK01	A Code 24 Pin		0.5	60V/DC	1A	500V/DC	PG7
M16AF24A6BK02							PG9

View A
See Table 1



- Material:
1. Contact: Copper Alloy, Gold-Plated
 2. Sealing Gasket: Silicone, Black
 3. Insulation Housing: PA, Black
 4. M16 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		TITLE		M16 CONNECTOR SOCKET		M16 METAL FIELD INSTALLATION		STRAIGHT		Yameter		QR CODE	
DIMENSIONS	TOLERANCE	CUSTOMER	-	CUSTOMER PART NO.	-	SIZE	REV						
x	±0.5	DRAWN BY	MAY.YU	PART NUMBER	M16AFXA6BK01	A4	A						
x.x	±0.25	CHECKED BY	BILL.LEE	DRAWING NUMBER	M16AFXA6BK01								
x.xx	±0.15	APPROVED BY	TIGER.WANG	SCALE FREE	ALL DIMENSION UNIT IN MM								
0 to 500	+15 / -0												
> 501	+3W/-0 of length												
ANGLES													
x°	±1°												